

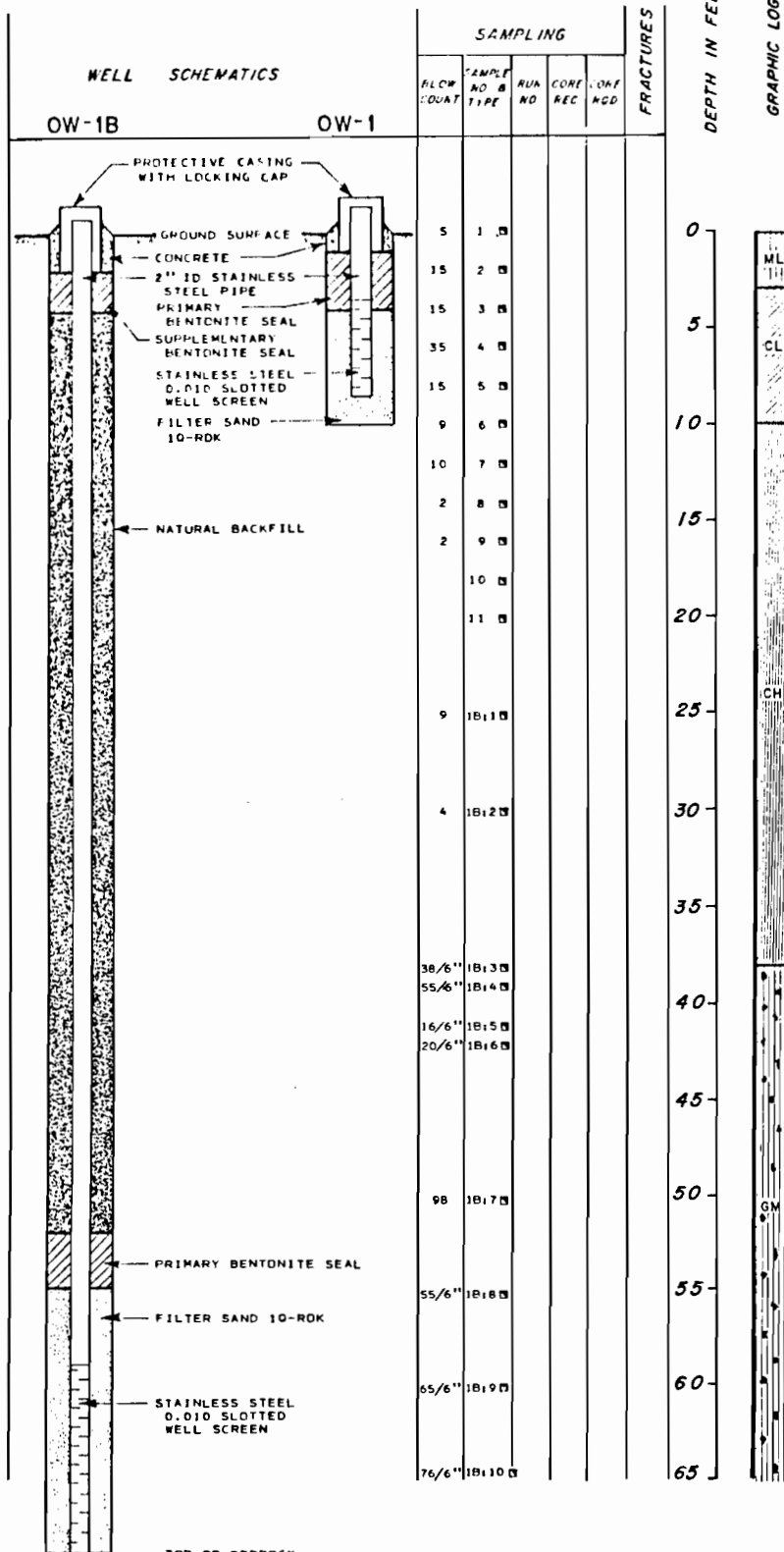
**APPENDIX A
CONSTRUCTION LOGS
FOR THE
FILL/UPPER SAND
MONITORING WELLS**

1985 Phase II Report

BORING OW-1 NASH ROAD SITE

DESCRIPTIVE GEOLOGIC NOTES

SURFACE CONDITIONS: GRASSY, WET.



SOIL SAMPLING INFORMATION

- STANDARD PENETRATION TEST
- UNDISTURBED SAMPLE
- DISTURBED SAMPLE
- NO SAMPLE RECOVERED

ROCK CORE INFORMATION

- RD CORE LOSS ZONE
- PERCENT CORE RECOVERY

FRACTURES

- Zone of core loss
- Bedrock zone
- Dip-slip slickensides
- Fractures shown at approximate angle to core axis
- Mineralized fracture c = calcite s = sulfide
- Fractured zone
- Void

KEY TO WELL SCHEMATIC

- Grout
- Bentonite Seal
- Sand Filter
- Well Screen

BORING OW-1 NASH ROAD SITE

DESCRIPTIVE GEOLOGIC NOTES

WELL SCHEMATICS

SAMPLING

ALOW COUNT	SAMPLE NO. & TYPE	RUN NO.	CORE REC.	CORE ROD	FRACTURES
	1B11				

DEPTH IN FEET

65
70

GRAPHIC LOG



TOP OF BEDROCK AT 68.6'. BEDROCK IS DOLOSTONE.

BORING TERMINATED AT A DEPTH OF 68.6' ON JUNE 11, 1984.

SOIL SAMPLING INFORMATION

- ☒ STANDARD PENETRATION TEST
- ☒ UNDISTURBED SAMPLE
- ☒ DISTURBED SAMPLE
- ☐ NO SAMPLE RECOVERED

ROCK CORE INFORMATION

- ☒ CORE LOSS ZONE
- ☐ PERCENT CORE RECOVERY

82] CORE ROD

FRACTURES

- Zone of core loss
- Breccia zone
- Dip-slip slickensides
- Fractures shown at approximate angle to core axis
- Mineralized fracture c - calcite s - sulfide
- Fractured zone
- Void

KEY TO WELL SCHEMATIC

- Grout
- Bentonite Seal
- Sand Filter
- Well Screen

1989 Phase II Report

DRILLING CONTRACTOR: er: <u>Reynolds Drilling Co.</u> Sector: <u>Johnson - Eng. Science</u> Type: <u>Mobile B61</u> Logging Method: <u>HSA 4.25" I.D.</u>	ENGINEERING-SCIENCE DRILLING RECORD	BORING NO. <u>DW-13</u> Sheet <u>1</u> of <u>1</u> Location: <u>down gradient of ditch/pond</u>
PROJECT NAME <u>Nash Road</u> PROJECT NO. <u>SY012.19</u>		Plot Plan

ROUND WATER OBSERVATIONS Water Level: <u>3.00</u> Time: <u>4:00</u> Date: <u>12/02/88</u> Logging Depth: <u>5'</u>	Weather: <u>Sunny, 36°F</u> Date/Time Start: <u>1/29/88 1130</u> Date/Time Finish: <u>1/29/88 1200</u>	

Photo Log leading	SAMPLE DEPTHS	SAMPLE I.D.	SPT	FIELD IDENTIFICATION OF MATERIAL	WELL SCHEMATIC			Comments	
					Grout	Bentonite	2" PVC RIGID		
0	0-2	5-1	5	Top Soil - Roots/organic material & very fine sand, trace angular gravel	Grout	2"		1	
	rec = 60"		1		Bentonite	2" PVC RIGID		2 1/2	
	SS		3						
			1		SAND				
0.2	2-4	5-2	29	Orange/Grey m-c sand, well sorted Saturated.		2" PVC SCREEN	3'	High blow count due to tree root	
	rec = 60"		4						
	SS		10						
			12					5'	
0	4-6	5-3	15	Orange/Brown m-c sand grading into stiff clay with silt, trace gravel					
	rec = 12"		15						
	SS		9						
			13						
				End of Boring 6.0' @ 1200					

SPT-STANDARD PENETRATION TEST

Soil Stratigraphy Summary

D - DRY W - WASHED C - CORED

U - UNOBTAINED SS - SPLIT SPOON

P - PIT A - AUGER CUTTINGS

DRILLING CONTRACTOR:				ENGINEERING-SCIENCE DRILLING RECORD		BORING NO. <u>14-B (shallow)</u> (2)	
Driller: <u>M. Loague-Rochester Drilling</u> Director: <u>L. Dobson-Eng. Sci.</u> Rig Type: <u>Mobile 3-61</u> Drilling Method: <u>HSA 4.25" I.D.</u>				PROJECT NAME <u>Nash Rd</u> PROJECT NO. <u>87012.19</u>		Sheet <u>1</u> of <u>1</u> Location <u>maund 15' out from edge of pond.</u>	
GROUND WATER OBSERVATIONS				Weather <u>25°F Partly Sunny</u> Date/Time Start <u>2/6/88 1130</u> Date/Time Finish <u>2/6/88 1230</u>		Plot Plan	
Water Level: _____ Time: _____ Date: _____ Casing Depth: _____							
Photoac Reading	SAMPLE DEPTHS	SAMPLE I.D.	SPT	FIELD IDENTIFICATION OF MATERIAL	WELL SCHEMATIC		Comments
0.8	0-2	5-1	5	fine medium gray sand, trace angular gravel upper 6" frozen rest saturated	GROUT 2" PVC riser 2" PVC SCREEN SAND	1.5'	No return on 1st or 2nd attempts in SS.
	rec=10"		3				
	SS		2				
			6				
0.6	2-4	5-2	10	v.f. gray sand with some clay grading into a m-c orange/brown sand (wet)		2.5'	
	rec=12"		10				
	SS		20				
			19				
0.	4-6	5-3	13	med. brown/orange m-c sand (wet)		3.0'	
	rec=12"		24				
	SS		26				
			23				
0.1	6-8	5-4	3	m-c brown sand trace rounded black gravel grading into stiff red/gray clay @ 7.0'		7.0'	
			7				
			15				
			21				
-	8-10		19	No sample			
			20 ¹²				
			20				
			18				
				Boring terminated 10' @ 1230			

SPT-STANDARD PENETRATION TEST

D - DRY W - WASHED C - CORED
 U - UNOISTURBED SS - SPLIT SPOON

Soil Stratigraphy Summary

SPT- STANDARD PENETRATION TEST
 D - DRY W - WASHED C - CORED
 U - UNDISTURBED SS - SPLIT SPOON
 P - PIT A - AUGER CUTTINGS

2013 Site Characterization Report



SOIL BORING LOG

ID NO. SB-D/OW-21

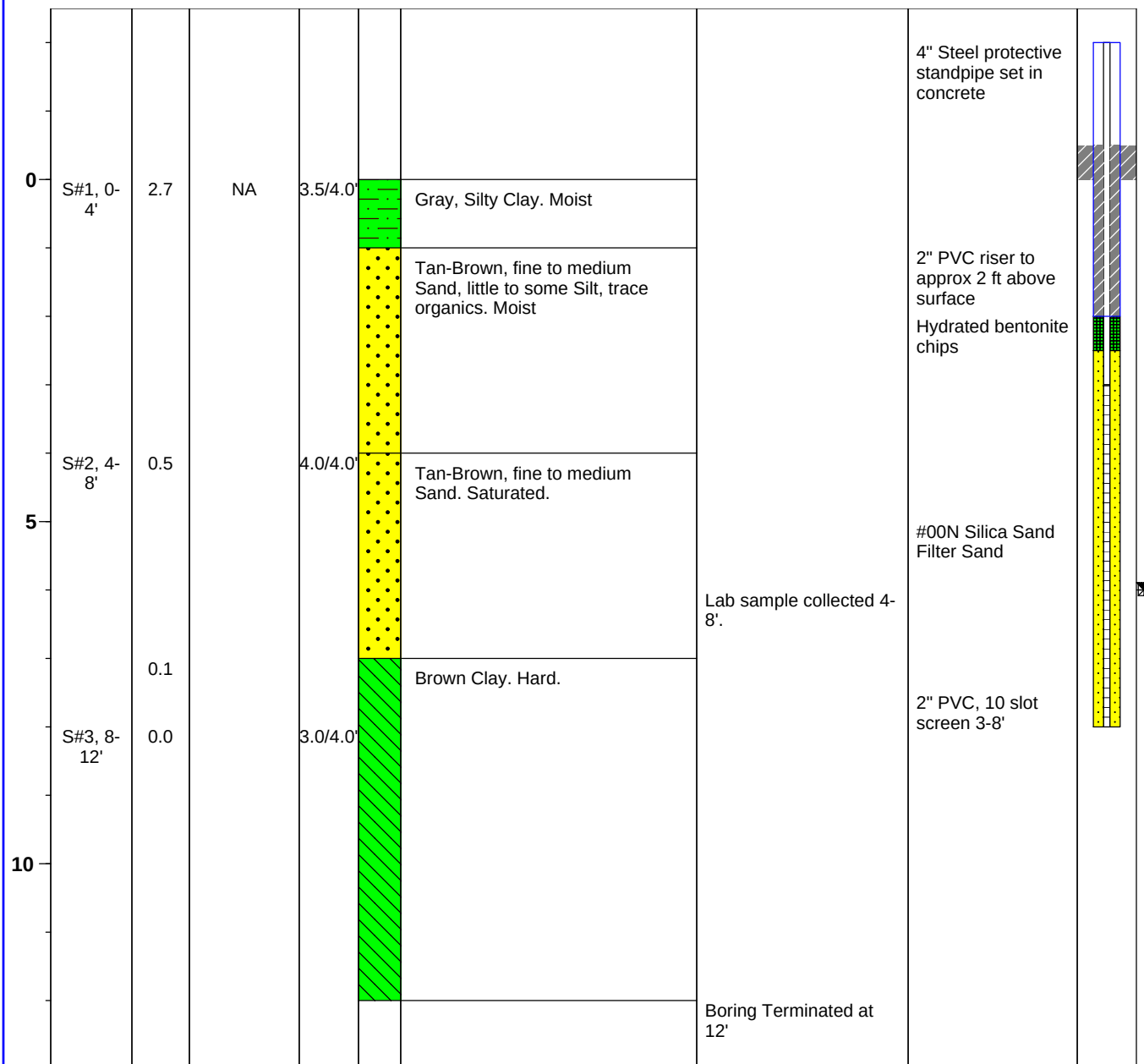
Groundwater & Environmental Services, Inc.

Page 1 of 1

PROJECT: Nash Rd Landfill, Site #932054 SURFACE ELEV.: TOTAL DEPTH: 12 ftbg
ADDRESS: Wheatfield, New York WATER DEPTH: CASING EL.:
JOB NO. 0901536 BOREHOLE DIA.: 8 in. WELL DIA.: 2 in.

Logged By: E. Popken Drilling Method: Direct Push / 4.25 in. Hollow Stem Auger
Dates Drilled: 6/3/13 Sampling Method: Macro Core
Drilling Company: Quality Inspection Services Soil Class. System: Burmister
Drill Rig Type: Acker Soil Scout Field Screening: MiniRae 2000 PID w/10.6 eV lamp (PPM)

Depth (feet)	Sample Interval	Field Screen	Blow Counts	Rec.	SAMPLE LITHOLOGY	COMMENTS	COMPLETION DETAILS



Location:
Northing/Latitude:
Easting/Longitude:
Horizontal Datum: Lat/Long
Vertical Datum: Assumed 100 ft. elev. benchmark

General Comments:
ftbg = Feet Below Grade
NC = Not Collected

Symbol Key:
Apparent Water Level
Lab Sample Location



SOIL BORING LOG

ID NO. SB-C/OW-22

Groundwater & Environmental Services, Inc.

Page 1 of 1

PROJECT: Nash Rd Landfill, Site #932054
ADDRESS: Wheatfield, New York
JOB NO. 0901536

SURFACE ELEV.:
WATER DEPTH:
BOREHOLE DIA.: 8 in.

TOTAL DEPTH: 12 ftbg
CASING EL.:
WELL DIA.: 2 in.

Logged By: E. Popken
Dates Drilled: 6/3/13
Drilling Company: Quality Inspection Services
Drill Rig Type: Acker Soil Scout

Drilling Method: Direct Push / 4.25 in. Hollow Stem Auger
Sampling Method: Macro Core
Soil Class. System: Burmister
Field Screening: MiniRae 2000 PID w/10.6 eV lamp (PPM)

Depth (feet)	Sample Interval	Field Screen	Blow Counts	Rec.	SAMPLE LITHOLOGY	COMMENTS	COMPLETION DETAILS

0	S#1, 0-4'	4.1	NA	2.0/4.0		Fill - Brown, Silty Clay, trace to little f-c Sand & f-c Gravel, trace debris, trace organics. Moist	4" Steel protective standpipe set in concrete
5	S#2, 4-8'	4.7		0/4.0'		No Recovery 4-8'. Collected slough from S#3 for field screening, presumed from 4-8 interval. Slough consisted of a mixture of Fill and sand.	2" PVC riser to approx 2 ft above surface Hydrated bentonite chips
10	S#3, 8-12'	0.4		4.0/4.0		Brown, Clay, trace Silt. Faint solvent odor. Moist.	#00N Silica Sand Filter Sand 2" PVC, 10 slot screen 3-8'
						Boring Terminated at 12'	

Location:

Northing/Latitude:

Easting/Longitude:

Horizontal Datum: Lat/Long

Vertical Datum: Assumed 100 ft. elev. benchmark

General Comments:

ftbg = Feet Below Grade

NC = Not Collected

Symbol Key:

Apparent Water Level

Lab Sample Location





SOIL BORING LOG

ID NO. **SB-F/MW-23**

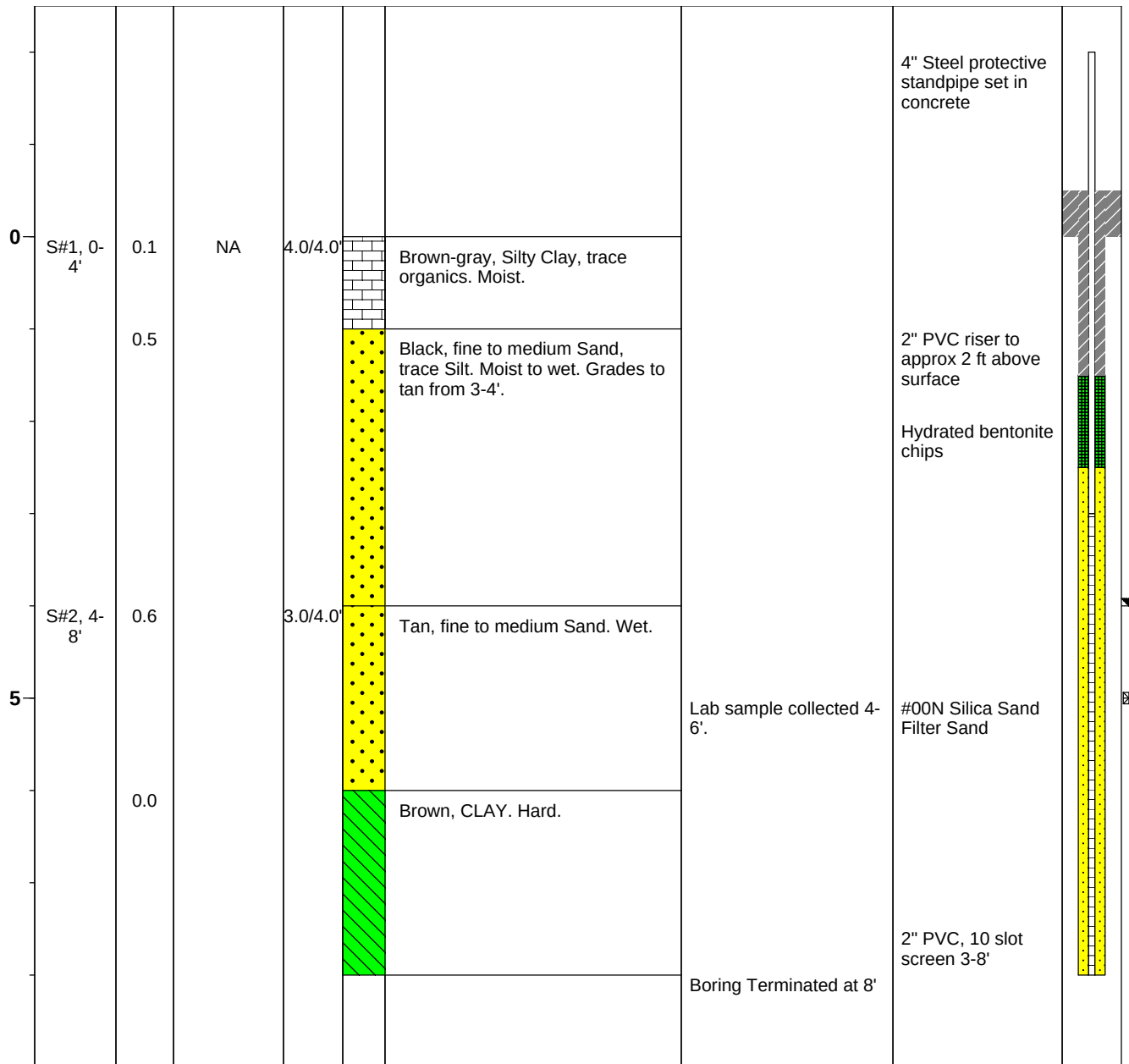
Groundwater & Environmental Services, Inc.

Page 1 of 1

PROJECT: **Nash Rd Landfill, Site #932054** SURFACE ELEV.: TOTAL DEPTH: **8 ftbg**
ADDRESS: **Wheatfield, New York** WATER DEPTH: CASING EL.:
JOB NO. **0901536** BOREHOLE DIA.: **8 in.** WELL DIA.: **2 in.**

Logged By: **E. Popken** Drilling Method: **Direct Push / 4.25 in. Hollow Stem Auger**
Dates Drilled: **6/3/13** Sampling Method: **Macro Core**
Drilling Company: **Quality Inspection Services** Soil Class. System: **Burmister**
Drill Rig Type: **Acker Soil Scout** Field Screening: **MiniRae 2000 PID w/10.6 eV lamp (PPM)**

Depth (feet)	Sample Interval	Field Screen	Blow Counts	Rec.	SAMPLE LITHOLOGY	COMMENTS	COMPLETION DETAILS



Location:
Northing/Latitude:
Easting/Longitude:
Horizontal Datum: **Lat/Long**
Vertical Datum: **Assumed 100 ft. elev. benchmark**

General Comments:
ftbg = Feet Below Grade
NC = Not Collected

Symbol Key:
Apparent Water Level
Lab Sample Location

2014 Supplemental Site Characterization Report



SOIL BORING LOG

ID NO. SB-S/OW-31

Groundwater & Environmental Services, Inc.

Page 1 of 1

PROJECT: Nash Rd Landfill, Site #932054
ADDRESS: Wheatfield, New York
JOB NO. 0901536

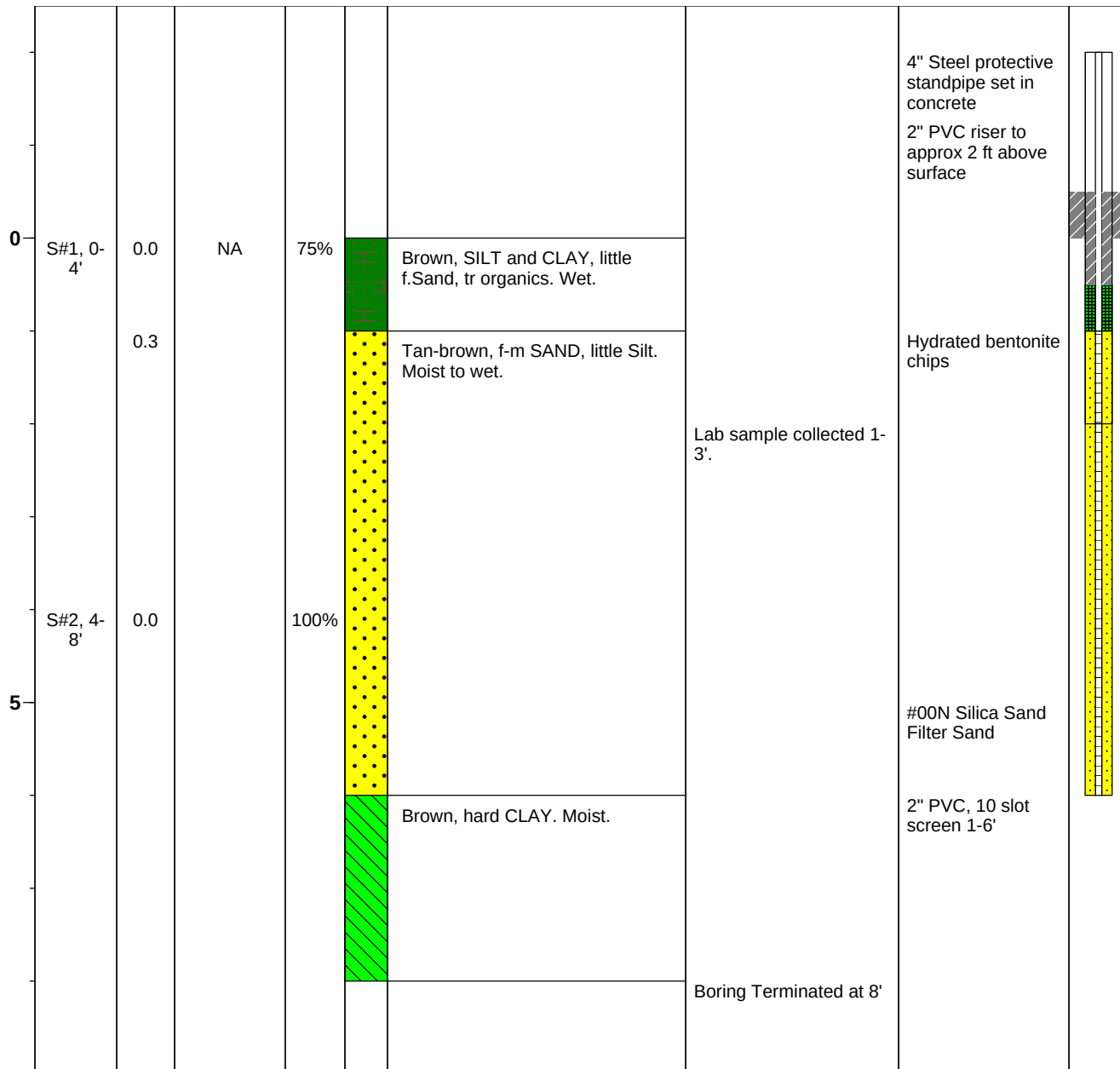
SURFACE ELEV.:
WATER DEPTH:
BOREHOLE DIA.: 12 in.

TOTAL DEPTH: 8 ftbg
CASING EL.:
WELL DIA.: 2 in.

Logged By: E. Popken
Dates Drilled: 4/15/14
Drilling Company: TREC Environmental
Drill Rig Type: Geoprobe 6620 DT

Drilling Method: Direct Push / 4.25 in. Hollow Stem Auger
Sampling Method: Macro Core
Soil Class. System: Burmister
Field Screening: MiniRae 2000 PID w/10.6 eV lamp (PPM)

Depth (feet)	Sample Interval	Field Screen	Blow Counts	Rec.	SAMPLE LITHOLOGY	COMMENTS	COMPLETION DETAILS



Location:

Northing/Latitude:

Easting/Longitude:

Horizontal Datum: Lat/Long

Vertical Datum: Assumed 100 ft. elev. benchmark

General Comments:

ftbg = Feet Below Grade

NC = Not Collected

Symbol Key:

Apparent Water Level

Lab Sample Location



SB-S/OW-31

p. 1 of 1



SOIL BORING LOG

ID NO. **SB-T/OW-32**

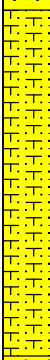
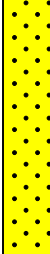
Groundwater & Environmental Services, Inc.

Page 1 of 1

PROJECT: Nash Rd Landfill, Site #932054	SURFACE ELEV.: _____	TOTAL DEPTH: 12 ftbg
ADDRESS: Wheatfield, New York	WATER DEPTH: _____	CASING EL.: _____
JOB NO. 0901536	BOREHOLE DIA.: 12 in.	WELL DIA.: 2 in.

Logged By: E. Popken	Drilling Method: Direct Push / 4.25 in. Hollow Stem Auger
Dates Drilled: 4/15/14	Sampling Method: Macro Core
Drilling Company: TREC Environmental	Soil Class. System: Burmister
Drill Rig Type: Geoprobe 6620 DT	Field Screening: MiniRae 2000 PID w/10.6 eV lamp (PPM)

Depth (feet)	Sample Interval	Field Screen	Blow Counts	Rec.	SAMPLE LITHOLOGY	COMMENTS	COMPLETION DETAILS

0	S#1, 0-4'	0.3	NA	75%		FILL - Brown, Silty CLAY w/Debris. Debris includes metal, plastic, glass. Shiny metallic balls, size of coarse sand.	4" Steel protective standpipe set in concrete. 2" PVC riser to approx 2 ft above surface
		0.3				Tan, f-m SAND, tr Silt. Moist	Hydrated bentonite chips
5	S#2, 4-8'	0.4		100%		Brown, f. Silty SAND. Grades to grey at 6-7 ftbg. Wet. Slight odor observed.	Lab sample collected 0-3'
		0.0		100%		Grey, f. SAND, tr Silt. Wet.	Lab sample collected 4-8'
10	S#3, 8-12'					Grey, hard CLAY. Moist.	#00N Silica Sand Filter Sand
							2" PVC, 10 slot screen 5-10'

Location:

Northing/Latitude:

Easting/Longitude:

Horizontal Datum: **Lat/Long**

Vertical Datum: **Assumed 100 ft. elev. benchmark**

General Comments:

ftbg = Feet Below Grade

NC = Not Collected

Symbol Key:

Apparent Water Level 

Lab Sample Location 

SB-T/OW-32

p. 1 of 1



SOIL BORING LOG

ID NO. SB-W/OW-33

Groundwater & Environmental Services, Inc.

Page 1 of 1

PROJECT: Nash Rd Landfill, Site #932054
ADDRESS: Wheatfield, New York
JOB NO. 0901536

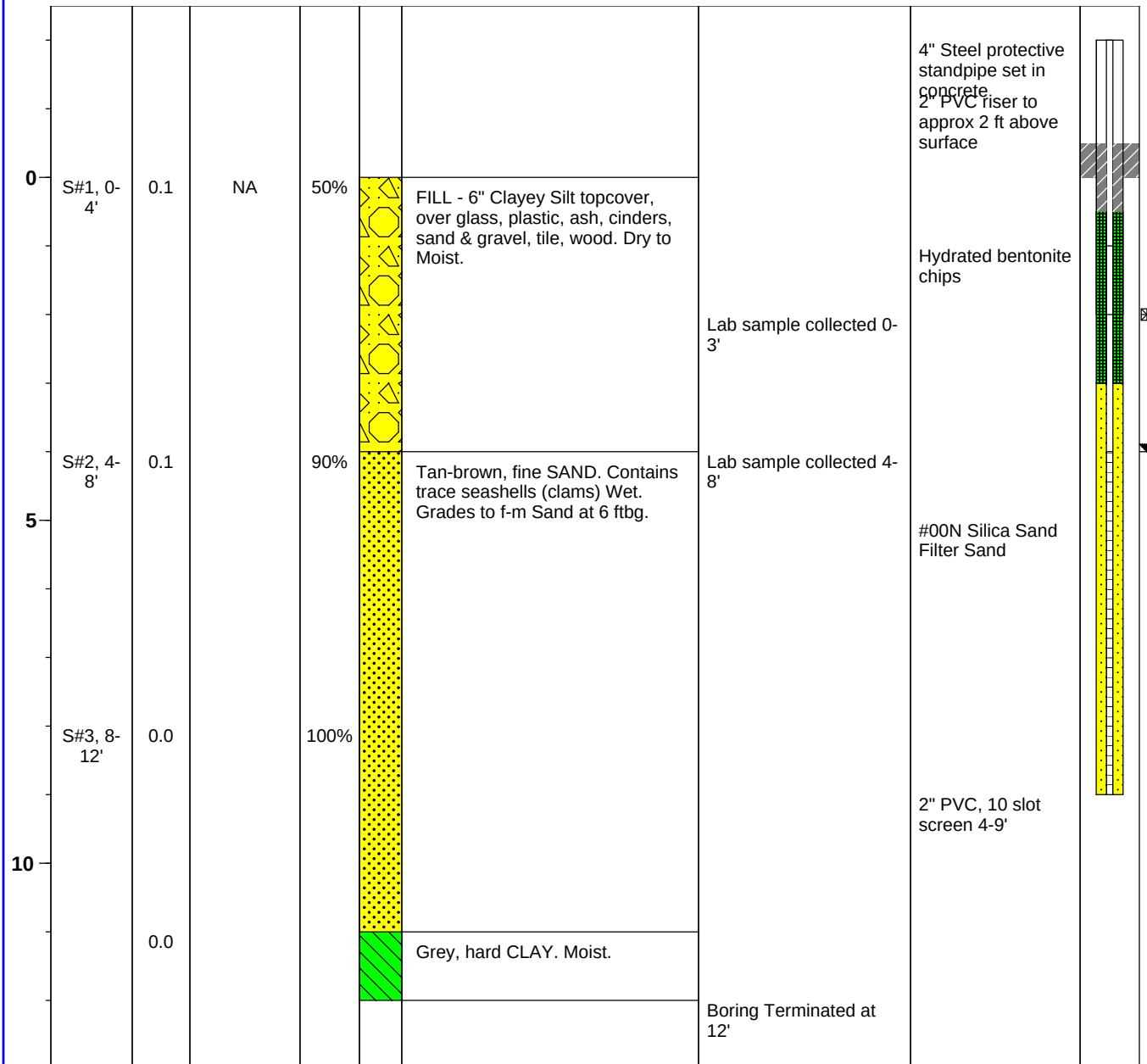
SURFACE ELEV.:
WATER DEPTH:
BOREHOLE DIA.: 12 in.

TOTAL DEPTH: 12 ftbg
CASING EL.:
WELL DIA.: 2 in.

Logged By: E. Popken
Dates Drilled: 4/16/14
Drilling Company: TREC Environmental
Drill Rig Type: Geoprobe 6620 DT

Drilling Method: Direct Push / 4.25 in. Hollow Stem Auger
Sampling Method: Macro Core
Soil Class. System: Burmister
Field Screening: MiniRae 2000 PID w/10.6 eV lamp (PPM)

Depth (feet)	Sample Interval	Field Screen	Blow Counts	Rec.	SAMPLE LITHOLOGY	COMMENTS	COMPLETION DETAILS



Location:

Northing/Latitude:

Easting/Longitude:

Horizontal Datum: Lat/Long

Vertical Datum: Assumed 100 ft. elev. benchmark

General Comments:

ftbg = Feet Below Grade

NC = Not Collected

Symbol Key:

Apparent Water Level

Lab Sample Location





SOIL BORING LOG

ID NO. **SB-Y/OW-34**

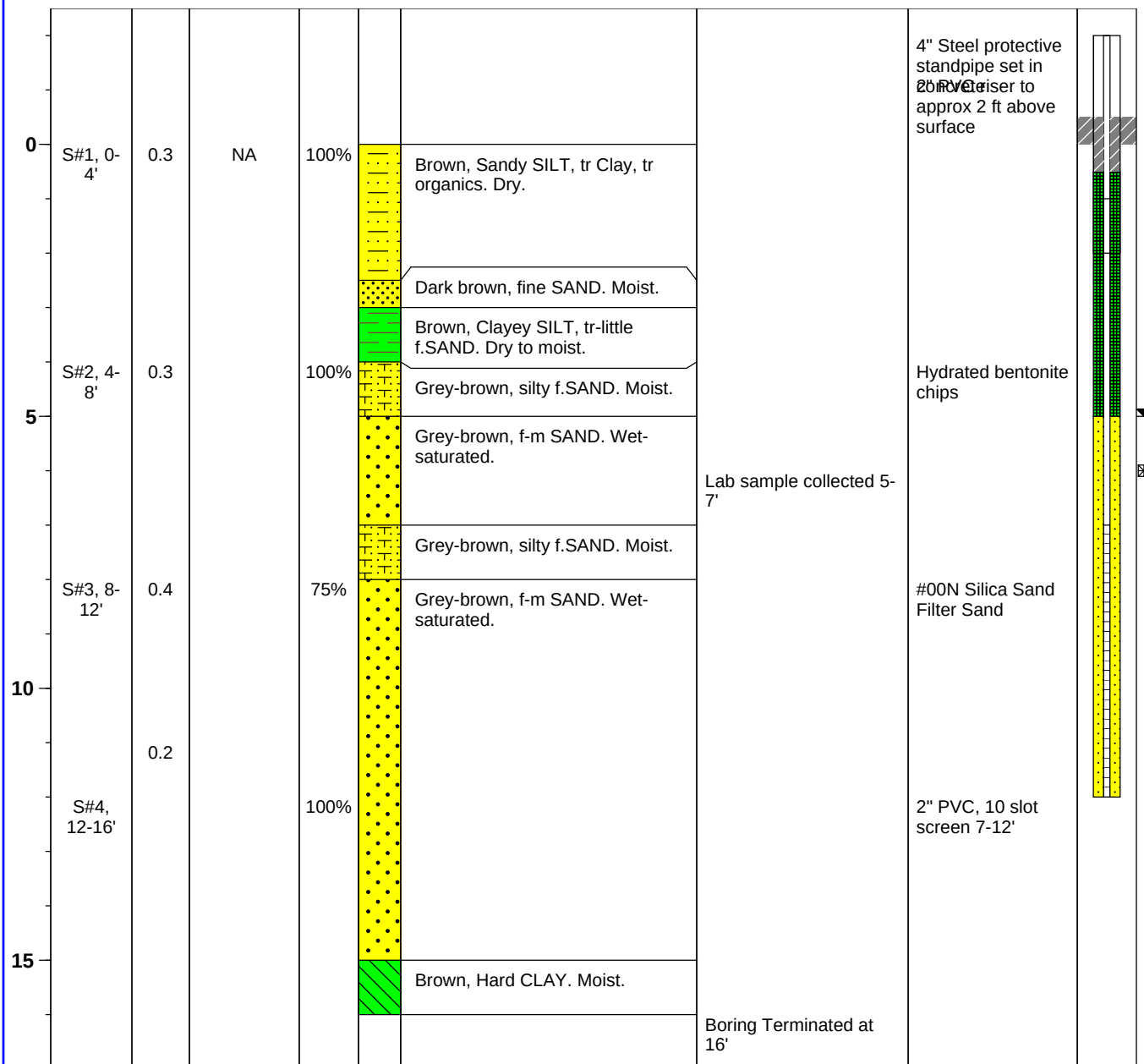
Groundwater & Environmental Services, Inc.

Page 1 of 1

PROJECT: Nash Rd Landfill, Site #932054	SURFACE ELEV.: _____	TOTAL DEPTH: 16 ftbg
ADDRESS: Wheatfield, New York	WATER DEPTH: _____	CASING EL.: _____
JOB NO. 0901536	BOREHOLE DIA.: 12 in.	WELL DIA.: 2 in.

Logged By: E. Popken	Drilling Method: Direct Push / 4.25 in. Hollow Stem Auger
Dates Drilled: 4/17/14	Sampling Method: Macro Core
Drilling Company: TREC Environmental	Soil Class. System: Burmister
Drill Rig Type: Geoprobe 6620 DT	Field Screening: MiniRae 2000 PID w/10.6 eV lamp (PPM)

Depth (feet)	Sample Interval	Field Screen	Blow Counts	Rec.	SAMPLE LITHOLOGY	COMMENTS	COMPLETION DETAILS



<u>Location:</u>	<u>General Comments:</u>
Northing/Latitude: _____	ftbg = Feet Below Grade
Easting/Longitude: _____	NC = Not Collected
Horizontal Datum: Lat/Long	
Vertical Datum: Assumed 100 ft. elev. benchmark	

Symbol Key:

Apparent Water Level

Lab Sample Location



SOIL BORING LOG

ID NO. **SB-BB/OW-35**

Groundwater & Environmental Services, Inc.

Page 1 of 1

PROJECT: Nash Rd Landfill, Site #932054	SURFACE ELEV.: _____	TOTAL DEPTH: 12 ftbg
ADDRESS: Wheatfield, New York	WATER DEPTH: _____	CASING EL.: _____
JOB NO. 0901536	BOREHOLE DIA.: 12 in.	WELL DIA.: 2 in.

Logged By: E. Popken	Drilling Method: Direct Push / 4.25 in. Hollow Stem Auger
Dates Drilled: 4/17/14	Sampling Method: Macro Core
Drilling Company: TREC Environmental	Soil Class. System: Burmister
Drill Rig Type: Geoprobe 6620 DT	Field Screening: MiniRae 2000 PID w/10.6 eV lamp (PPM)

Depth (feet)	Sample Interval	Field Screen	Blow Counts	Rec.	SAMPLE LITHOLOGY	COMMENTS	COMPLETION DETAILS

0	S#1, 0-4'	0.6	NA	75%	Brown, Clayey SILT, tr-little f-c Sand, tr organics, tr brick fragments, tr glass fragments. Dry.		4" Steel protective standpipe set in concrete. 2" PVC riser to approx 2 ft above surface
5	S#2, 4-8'	1.9		100%	Grey-brown, f-m SAND, tr Silt. Moist to wet. Wet at 6 ftbg.	Lab sample collected 5-7'	Hydrated bentonite chips
10	S#3, 8-12'	0.0		80%	Brown, Hard CLAY. Moist.		#00N Silica Sand Filter Sand
						Boring Terminated at 12'	2" PVC, 10 slot screen 4-9'

Location:

Northing/Latitude:

Easting/Longitude:

Horizontal Datum: **Lat/Long**

Vertical Datum: **Assumed 100 ft. elev. benchmark**

General Comments:

ftbg = Feet Below Grade

NC = Not Collected

Symbol Key:

Apparent Water Level 

Lab Sample Location 



SOIL BORING LOG

ID NO. SB-DD/OW-36

Groundwater & Environmental Services, Inc.

Page 1 of 1

PROJECT: Nash Rd Landfill, Site #932054 SURFACE ELEV.: TOTAL DEPTH: 12 ftbg.
ADDRESS: Wheatfield, New York WATER DEPTH: CASING EL.:
JOB NO. 0901536 BOREHOLE DIA.: 3 in. WELL DIA.:

Logged By: E. Popken Drilling Method: Direct Push
Dates Drilled: 4/17/14 Sampling Method: Macro Core
Drilling Company: TREC Environmental, Inc. Soil Class. System: Burmister
Drill Rig Type: Geoprobe 6620DT Field Screening: MiniRae 2000 PID w/10.6 eV lamp (PPM)

Depth (feet)	Sample Interval	Field Screen	Blow Counts	Rec.	SAMPLE LITHOLOGY	COMMENTS	COMPLETION DETAILS
0	S#1, 0-4'	9.3	NA	40%	FILL - Brown, Clayey SILT, tr-little debris (glass, metal, plastic, wood), some f-c Sand. Moist. Slight solvent odor.		
	S#2, 4-8'	15.8		10%		Lab sample collected 4-8'.	Hydrated bentonite chips
5					Grey, f-m SAND. Wet. Slight solvent odor.		#00N Silica Sand Filter Sand
	S#3, 8-12'	1.2		100%	Brown, hard, CLAY. Moist.		2" PVC, 10 slot screen 4-9'
10						Boring Terminated at 12 ftbg.	

Location: Northing/Latitude: Easting/Longitude: Horizontal Datum: Lat/Long Vertical Datum: Assumed 100 ft. elev. benchmark
General Comments: ftbg = Feet Below Grade NC = Not Collected

Symbol Key:
Apparent Water Level
Lab Sample Location



SOIL BORING LOG

ID NO. **SB-II/OW-37**

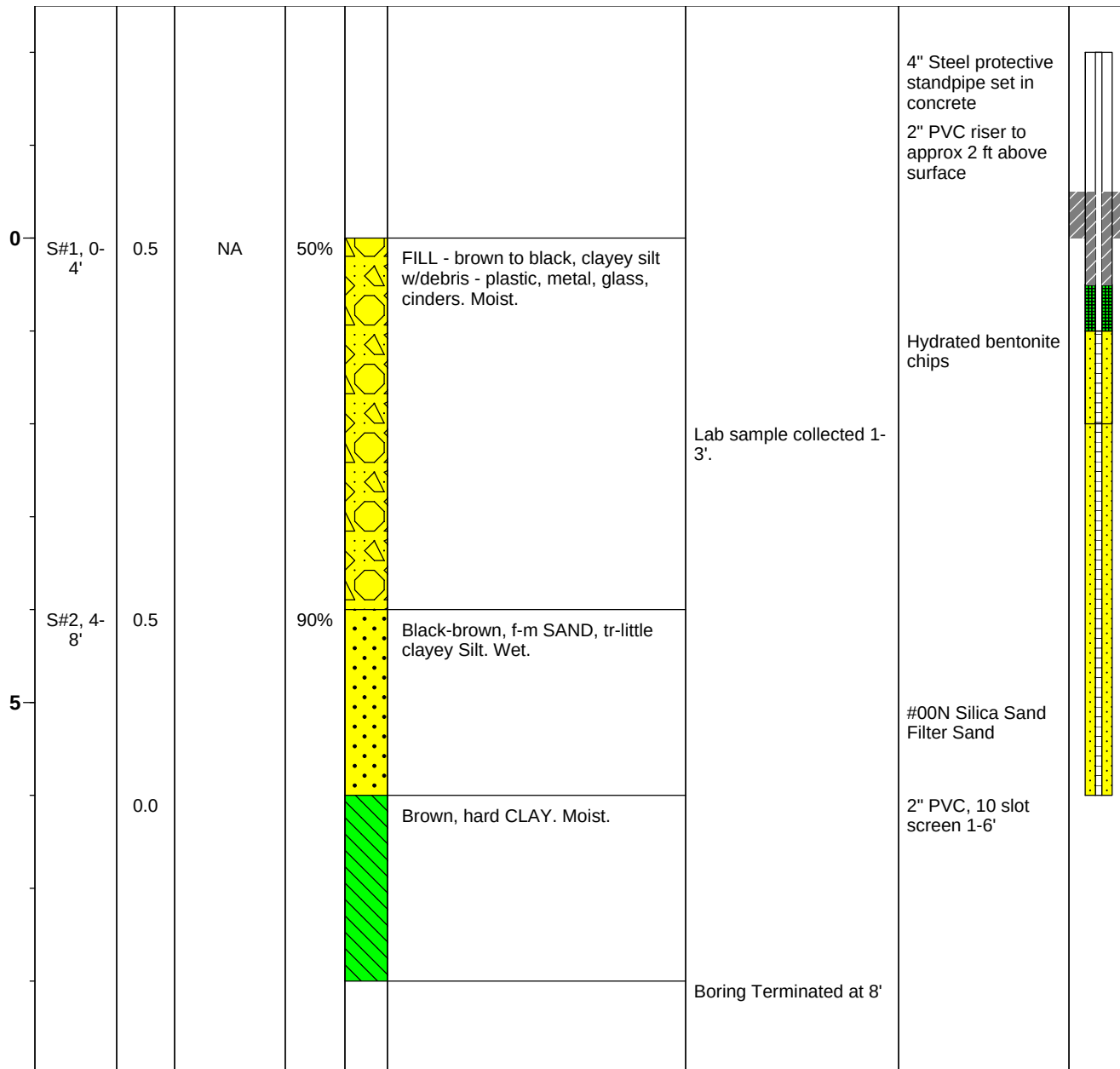
Groundwater & Environmental Services, Inc.

Page 1 of 1

PROJECT: Nash Rd Landfill, Site #932054	SURFACE ELEV.: _____	TOTAL DEPTH: 8 ftbg
ADDRESS: Wheatfield, New York	WATER DEPTH: _____	CASING EL.: _____
JOB NO. 0901536	BOREHOLE DIA.: 12 in.	WELL DIA.: 2 in.

Logged By: E. Popken	Drilling Method: Direct Push / 4.25 in. Hollow Stem Auger
Dates Drilled: 4/21/14	Sampling Method: Macro Core
Drilling Company: TREC Environmental	Soil Class. System: Burmister
Drill Rig Type: Geoprobe 6620 DT	Field Screening: MiniRae 2000 PID w/10.6 eV lamp (PPM)

Depth (feet)	Sample Interval	Field Screen	Blow Counts	Rec.	SAMPLE LITHOLOGY	COMMENTS	COMPLETION DETAILS



<u>Location:</u>	<u>General Comments:</u>
Northing/Latitude:	ftbg = Feet Below Grade
Easting/Longitude:	NC = Not Collected
Horizontal Datum: Lat/Long	
Vertical Datum: Assumed 100 ft. elev. benchmark	

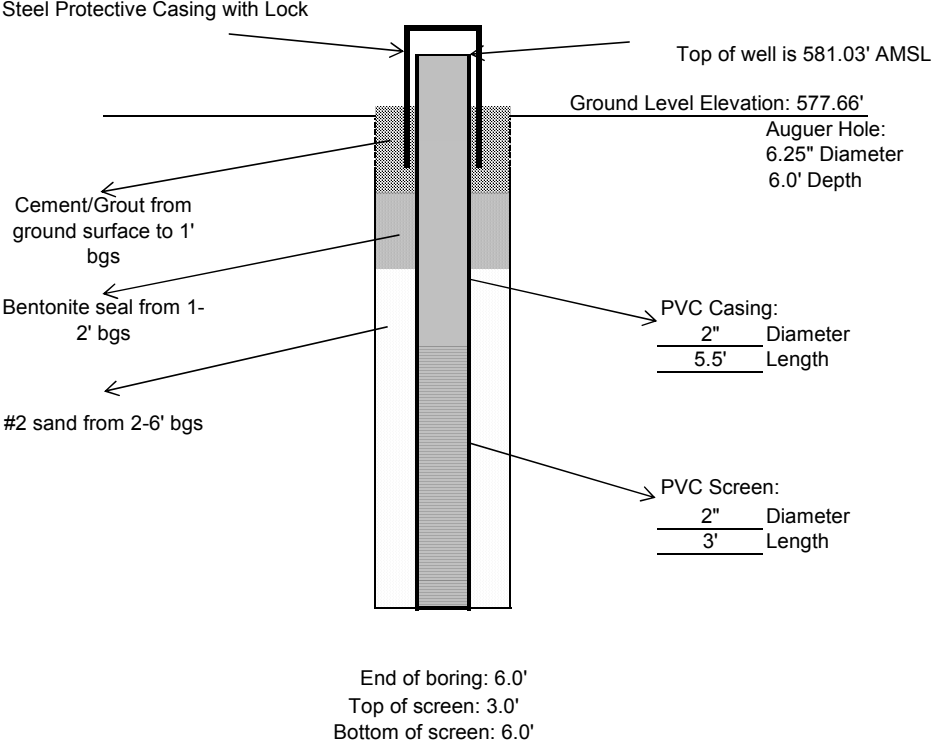
Symbol Key:

Apparent Water Level

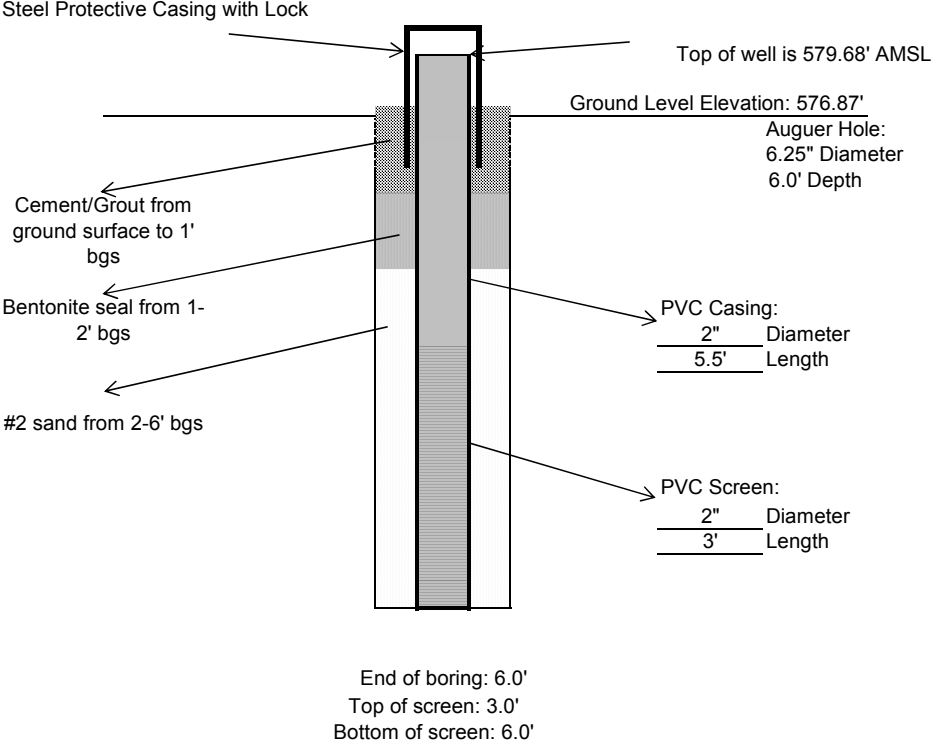
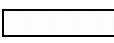
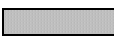
Lab Sample Location

2017 Remedial Investigation

DRILLING SUMMARY		MONITORING WELL CONSTRUCTION LOG					
Geologist: Andrew Koons		Top of well is 580.31' AMSL Ground Level Elevation: 577.25' Auger Hole: 6.25" Diameter 7.0' Depth PVC Casing: 2" Diameter 8' Length PVC Screen: 2" Diameter 2' Length End of boring: 7.0' Top of screen: 5.0' Bottom of screen: 7.0'					
Drilling Company: SJB/Empire Geo Serv. Inc.							
Driller: Brian Delude							
Rig Make/Model: Diedrich D-50							
Date: 8/15/2017							
GEOLOGIC LOG <table border="1"> <thead> <tr> <th>Depth (ft.)</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td></td> <td>See boring log</td> </tr> </tbody> </table>		Depth (ft.)	Description		See boring log	#2 sand from 4-7' bgs	
Depth (ft.)	Description						
	See boring log						
WELL DESIGN		NOT TO SCALE					
CASING MATERIAL		SCREEN MATERIAL	FILTER MATERIAL				
Surface: Steel Protective Casing		Type: 2" Schedule 40 PVC	Type: No. 2 SAND Setting: 4'-7' bgs				
Monitor: Schedule 40 PVC		Slot Diameter: 0.020"	SEAL MATERIAL Type: Bentonite Setting: 1'- 4' bgs Type: Cement Grout Setting: 0' - 1' bgs				
COMMENTS: The contractor was directed to install the borehole to a total depth of 7.0' bgs. All soils were screened with a PID meter and checked for olfactory and visual evidence of petroleum product contamination. All PID readings were noted. A well was constructed of schedule 40 PVC piping and 0.020" slot diameter screen, with the sand pack from 7' to 4', bentonite seal from 4' to 1' and slurry mix from 1' to ground surface. The well was completed to grade with a steel protective casing.		LEGEND: PVC Casing #2 Sand Bentonite Cement Grout PVC Screen					
CLIENT: NYSDEC		LOCATION: Niagara Sanitation	Project No. 17-013-0289				
LiRo Engineers, Inc.		Monitoring Well Construction Details	Well Number: LPZ-01S				

DRILLING SUMMARY		MONITORING WELL CONSTRUCTION LOG	
Geologist: Kris Charney		 Steel Protective Casing with Lock Top of well is 581.03' AMSL Ground Level Elevation: 577.66' Auger Hole: 6.25" Diameter 6.0' Depth Cement/Grout from ground surface to 1' bgs Bentonite seal from 1-2' bgs #2 sand from 2-6' bgs PVC Casing: 2" Diameter 5.5' Length PVC Screen: 2" Diameter 3' Length End of boring: 6.0' Top of screen: 3.0' Bottom of screen: 6.0'	
Drilling Company: SJB/Empire Geo Serv. Inc.			
Driller: N/A			
Rig Make/Model: N/A			
Date: 7/27/2017			
GEOLOGIC LOG			
Depth (ft.)	Description See boring log		
WELL DESIGN		NOT TO SCALE	
CASING MATERIAL		SCREEN MATERIAL	FILTER MATERIAL
Surface: Steel Protective Casing		Type: 2" Schedule 40 PVC	Type: No. 2 SAND Setting: 2'-6' bgs
Monitor: Schedule 40 PVC		Slot Diameter: 0.020"	SEAL MATERIAL
			Type: Bentonite Setting: 1'-2' bgs
			Type: Cement Grout Setting: 0' - 1' bgs
COMMENTS:		LEGEND:	
The contractor was directed to install the borehole to a total depth of 6.0' bgs. All soils were screened with a PID meter and checked for olfactory and visual evidence of petroleum product contamination. All PID readings were noted. A well was constructed of schedule 40 PVC piping and 0.020" slot diameter screen, with the sand pack from 6' to 2', bentonite seal from 2' to 1' and slurry mix from 1' to ground surface. The well was completed to grade with a steel protective casing.		 PVC Casing  #2 Sand  Bentonite  Cement Grout  PVC Screen	
CLIENT:	LOCATION:	Project No.	
NYSDEC	Niagara Sanitation	17-013-0289	
LiRo Engineers, Inc.		Well Number:	
Monitoring Well Construction Details		LPZ-02S	

DRILLING SUMMARY		MONITORING WELL CONSTRUCTION LOG			
Geologist: Kris Charney		Top of well is 581.16' AMSL Ground Level Elevation: 577.86' Auger Hole: 6.25" Diameter 8.0' Depth Cement/Grout from ground surface to 1' bgs Bentonite seal from 1-2' bgs PVC Casing: 2" Diameter 5.5' Length PVC Screen: 2" Diameter 5' Length #2 sand from 2-8' bgs End of boring: 18.0' Top of screen: 3.0' Bottom of screen: 8.0'			
Drilling Company: SJB/Empire Geo Serv. Inc.					
Driller: N/A					
Rig Make/Model: N/A					
Date: 7/25/2017					
GEOLOGIC LOG <table border="1"> <thead> <tr> <th>Depth (ft.)</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td></td> <td>See Boring log</td> </tr> </tbody> </table>				Depth (ft.)	Description
Depth (ft.)	Description				
	See Boring log				
WELL DESIGN		NOT TO SCALE			
CASING MATERIAL		SCREEN MATERIAL	FILTER MATERIAL		
Surface: Steel Protective Casing		Type: 2" Schedule 40 PVC	Type: No. 2 SAND Setting: 2'-8' bgs		
Monitor: Schedule 40 PVC		Slot Diameter: 0.020"	SEAL MATERIAL Type: Bentonite Setting: 1'-2' bgs Type: Cement Grout Setting: 0' - 1' bgs		
COMMENTS: The contractor was directed to install the borehole to a total depth of 18.0' bgs. All soils were screened with a PID meter and checked for olfactory and visual evidence of petroleum product contamination. All PID readings were noted. Borehole was backfilled with soil cuttings for completion of well. The well was constructed of schedule 40 PVC piping and 0.020" slot diameter screen, with the sand pack from 8' to 2', bentonite seal from 2' to 1' and slurry mix from 1' to ground surface. The well was completed to grade with a steel protective casing.		LEGEND: PVC Casing #2 Sand Bentonite Cement Grout PVC Screen			
CLIENT: NYSDEC		LOCATION: Niagara Sanitation	Project No. 17-013-0289		
LiRo Engineers, Inc.		Monitoring Well Construction Details	Well Number: LPZ-03S		

DRILLING SUMMARY		MONITORING WELL CONSTRUCTION LOG					
Geologist: Kris Charney		 Steel Protective Casing with Lock Top of well is 579.68' AMSL Ground Level Elevation: 576.87' Auguer Hole: 6.25" Diameter 6.0' Depth Cement/Grout from ground surface to 1' bgs Bentonite seal from 1-2' bgs #2 sand from 2-6' bgs PVC Casing: 2" Diameter 5.5' Length PVC Screen: 2" Diameter 3' Length End of boring: 6.0' Top of screen: 3.0' Bottom of screen: 6.0'					
Drilling Company: SJB/Empire Geo Serv. Inc.							
Driller: N/A							
Rig Make/Model: N/A							
Date: 7/26/2017							
GEOLOGIC LOG <table border="1"> <thead> <tr> <th>Depth (ft.)</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td></td> <td>See boring log</td> </tr> </tbody> </table>		Depth (ft.)	Description		See boring log		
Depth (ft.)	Description						
	See boring log						
WELL DESIGN		NOT TO SCALE					
CASING MATERIAL		SCREEN MATERIAL	FILTER MATERIAL				
Surface: Steel Protective Casing		Type: 2" Schedule 40 PVC	Type: No. 2 SAND Setting: 2'-6' bgs				
Monitor: Schedule 40 PVC		Slot Diameter: 0.020"	SEAL MATERIAL Type: Bentonite Setting: 1'-2' bgs Type: Cement Grout Setting: 0' - 1' bgs				
COMMENTS: The contractor was directed to install the borehole to a total depth of 6.0' bgs. All soils were screened with a PID meter and checked for olfactory and visual evidence of petroleum product contamination. All PID readings were noted. A well was constructed of schedule 40 PVC piping and 0.020" slot diameter screen, with the sand pack from 6' to 2', bentonite seal from 2' to 1' and slurry mix from 1' to ground surface. The well was completed to grade with a steel protective casing.		LEGEND:  PVC Casing  #2 Sand  Bentonite  Cement Grout  PVC Screen					
CLIENT: NYSDEC		LOCATION: Niagara Sanitation	Project No. 17-013-0289				
LiRo Engineers, Inc.		Monitoring Well Construction Details	Well Number: LPZ-04S				

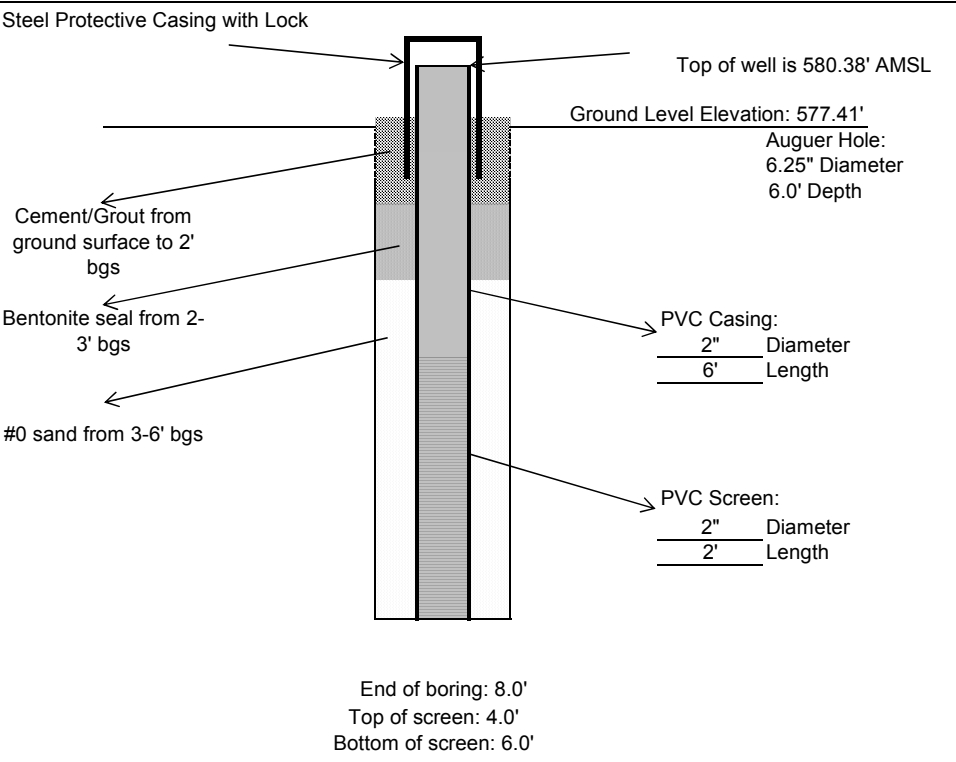
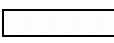
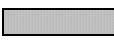
DRILLING SUMMARY		MONITORING WELL CONSTRUCTION LOG	
Geologist: Kris Charney		Top of well is 580.41' AMSL Ground Level Elevation: 577.33' Auger Hole: 6.25" Diameter 6.0' Depth Cement/Grout from ground surface to 1' bgs Bentonite seal from 1-2' bgs #2 sand from 2-6' bgs PVC Casing: 2" Diameter 5.5' Length PVC Screen: 2" Diameter 3' Length End of boring: 8.0' Top of screen: 3.0' Bottom of screen: 6.0'	
Drilling Company: SJB/Empire Geo Serv. Inc.			
Driller: N/A			
Rig Make/Model: N/A			
Date: 7/25/2017			
GEOLOGIC LOG			
Depth (ft.)	Description See boring log		
WELL DESIGN		NOT TO SCALE	
CASING MATERIAL		SCREEN MATERIAL	FILTER MATERIAL
Surface: Steel Protective Casing		Type: 2" Schedule 40 PVC	Type: No. 2 SAND Setting: 2'-6' bgs
Monitor: Schedule 40 PVC		Slot Diameter: 0.020"	SEAL MATERIAL Type: Bentonite Setting: 1'- 2' bgs Type: Cement Grout Setting: 0' - 1' bgs
COMMENTS: The contractor was directed to install the borehole to a total depth of 8.0' bgs. All soils were screened with a PID meter and checked for olfactory and visual evidence of petroleum product contamination. All PID readings were noted. Borehole was backfilled with soil cuttings for completion of well. The well was constructed of schedule 40 PVC piping and 0.020" slot diameter screen, with the sand pack from 6' to 2', bentonite seal from 2' to 1' and slurry mix from 1' to ground surface. The well was completed to grade with a steel protective casing.		LEGEND: PVC Casing #2 Sand Bentonite Cement Grout PVC Screen	
CLIENT: NYSDEC		LOCATION: Niagara Sanitation	Project No. 17-013-0289
LiRo Engineers, Inc.		Monitoring Well Construction Details	Well Number: LPZ-05S

DRILLING SUMMARY		MONITORING WELL CONSTRUCTION LOG			
Geologist: Kris Charney		Top of well is 581.00' AMSL Ground Level Elevation: 578.03' Auger Hole: 6.25" Diameter 8.0' Depth Cement/Grout from ground surface to 1' bgs Bentonite seal from 1- 2' bgs PVC Casing: 2" Diameter 5.5' Length PVC Screen: 2" Diameter 5' Length End of boring: 18.0' Top of screen: 3.0' Bottom of screen: 8.0'			
Drilling Company: SJB/Empire Geo Serv. Inc.					
Driller: N/A					
Rig Make/Model: N/A					
Date: 7/26/2017					
GEOLOGIC LOG <table border="1"> <thead> <tr> <th>Depth (ft.)</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td></td> <td>See boring log</td> </tr> </tbody> </table>				Depth (ft.)	Description
Depth (ft.)	Description				
	See boring log				
WELL DESIGN		NOT TO SCALE			
CASING MATERIAL		SCREEN MATERIAL	FILTER MATERIAL		
Surface: Steel Protective Casing		Type: 2" Schedule 40 PVC	Type: No. 2 SAND Setting: 2'-8' bgs		
Monitor: Schedule 40 PVC		Slot Diameter: 0.020"	SEAL MATERIAL Type: Bentonite Setting: 1'- 2' bgs Type: Cement Grout Setting: 0' - 1' bgs		
COMMENTS: The contractor was directed to install the borehole to a total depth of 18.0' bgs. All soils were screened with a PID meter and checked for olfractory and visual evidence of petroleum product contamination. All PID readings were noted. Borehole was backfilled with soil cuttings for completion of well. The well was constructed of schedule 40 PVC piping and 0.020" slot diameter screen, with the sand pack from 8' to 2', bentonite seal from 2' to 1' and slurry mix from 1' to ground surface. The well was completed to grade with a steel protective casing.		LEGEND: PVC Casing #2 Sand Bentonite Cement Grout PVC Screen			
CLIENT: NYSDEC		LOCATION: Niagara Sanitation	Project No. 17-013-0289		
LiRo Engineers, Inc.		Monitoring Well Construction Details	Well Number: LPZ-06S		

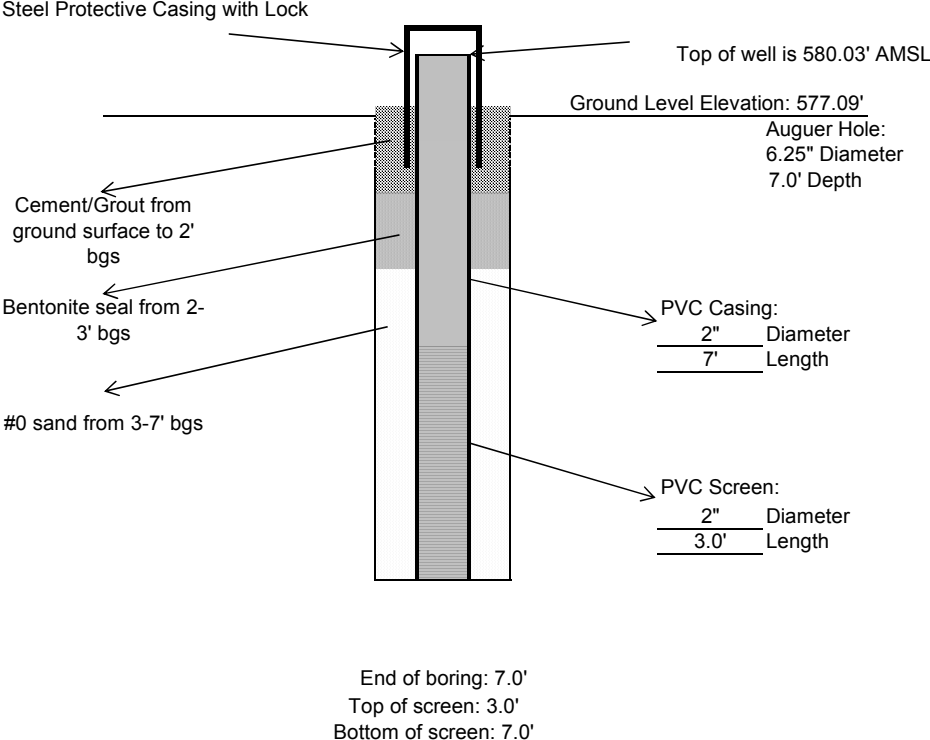
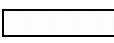
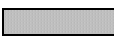
DRILLING SUMMARY		MONITORING WELL CONSTRUCTION LOG	
Geologist: Kris Charney		Top of well is 580.56' AMSL Ground Level Elevation: 577.43' Auger Hole: 6.25" Diameter 7.0' Depth PVC Casing: 2" Diameter 5.5' Length PVC Screen: 2" Diameter 4' Length End of boring: 8.0' Top of screen: 3.0' Bottom of screen: 7.0'	
Drilling Company: SJB/Empire Geo Serv. Inc.			
Driller: N/A			
Rig Make/Model: N/A			
Date: 7/26/2017			
GEOLOGIC LOG			
Depth (ft.)	Description See boring log		
WELL DESIGN		NOT TO SCALE	
CASING MATERIAL		SCREEN MATERIAL	FILTER MATERIAL
Surface: Steel Protective Casing		Type: 2" Schedule 40 PVC	Type: No. 2 SAND Setting: 2'-7' bgs
Monitor: Schedule 40 PVC		Slot Diameter: 0.020"	SEAL MATERIAL
			Type: Bentonite Setting: 1'- 2' bgs
			Type: Cement Grout Setting: 0' - 1' bgs
COMMENTS:		LEGEND:	
The contractor was directed to install the borehole to a total depth of 7.0' bgs. All soils were screened with a PID meter and checked for olfactory and visual evidence of petroleum product contamination. All PID readings were noted. Borehole was backfilled with soil cuttings for completion of well. The well was constructed of schedule 40 PVC piping and 0.020" slot diameter screen, with the sand pack from 7' to 2', bentonite seal from 2' to 1' and slurry mix from 1' to ground surface. The well was completed to grade with a steel protective casing.		■ PVC Casing ■ #2 Sand ■ Bentonite ■ Cement Grout ■ PVC Screen	
CLIENT:	LOCATION:	Project No.	
NYSDEC	Niagara Sanitation	17-013-0289	
LiRo Engineers, Inc.		Well Number: LPZ-07S	

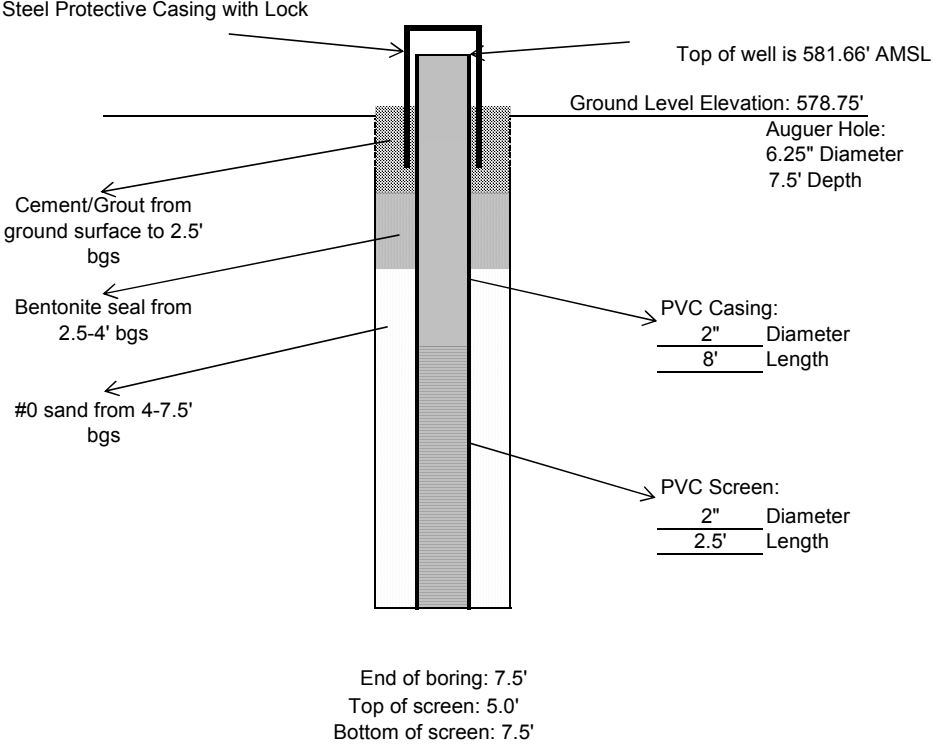
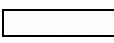
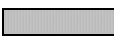
DRILLING SUMMARY		MONITORING WELL CONSTRUCTION LOG	
Geologist: Andrew Koons			
Drilling Company: SJB/Empire Geo Serv. Inc.			
Driller: Brian Delude			
Rig Make/Model: Diedrich D-50			
Date: 8/15/2017			
GEOLOGIC LOG			
Depth (ft.)	Description See boring log		
WELL DESIGN		NOT TO SCALE	
CASING MATERIAL		SCREEN MATERIAL	FILTER MATERIAL
Surface: Steel Protective Casing		Type: 2" Schedule 40 PVC	Type: No. 2 SAND Setting: 2'-4' bgs
Monitor: Schedule 40 PVC		Slot Diameter: 0.020"	SEAL MATERIAL
			Type: Bentonite Setting: 1'- 2' bgs
			Type: Cement Grout Setting: 0' - 1' bgs
COMMENTS:		LEGEND:	
The contractor was directed to install the borehole to a total depth of 4.0' bgs. All soils were screened with a PID meter and checked for olfactory and visual evidence of petroleum product contamination. All PID readings were noted. Borehole was backfilled with soil cuttings for completion of well. The well was constructed of schedule 40 PVC piping and 0.020" slot diameter screen, with the sand pack from 4' to 2', bentonite seal from 2' to 1' and slurry mix from 1' to ground surface. The well was completed to grade with a steel protective casing.		■ PVC Casing ■ #2 Sand ■ Bentonite ■ Cement Grout ■ PVC Screen	
CLIENT:	LOCATION:	Project No.	
NYSDEC	Niagara Sanitation	17-013-0289	
LiRo Engineers, Inc.		Well Number: LPZ-08S	

DRILLING SUMMARY		MONITORING WELL CONSTRUCTION LOG	
Geologist: Andrew Koons			
Drilling Company: SJB/Empire Geo Serv. Inc.			
Driller: Dan Delude			
Rig Make/Model: CME 550X			
Date: 9/13/2017			
GEOLOGIC LOG			
Depth (ft.)	Description See boring log		
WELL DESIGN		NOT TO SCALE	
CASING MATERIAL		SCREEN MATERIAL	FILTER MATERIAL
Surface: Steel Protective Casing		Type: 2" Schedule 40 PVC	Type: No. 0 SAND Setting: 3'-8' bgs
Monitor: Schedule 40 PVC		Slot Diameter: 0.020"	SEAL MATERIAL
			Type: Bentonite Setting: 2'- 3' bgs
			Type: Cement Grout Setting: 0' - 2' bgs
COMMENTS:		LEGEND:	
The contractor was directed to install the borehole to a total depth of 8.0' bgs. All soils were screened with a PID meter and checked for olfactory and visual evidence of petroleum product contamination. All PID readings were noted. Borehole was backfilled with soil cuttings for completion of well. The well was constructed of schedule 40 PVC piping and 0.020" slot diameter screen, with the sand pack from 8' to 3', bentonite seal from 3' to 2' and slurry mix from 2' to ground surface. The well was completed to grade with a steel protective casing.		■ PVC Casing ■ #2 Sand ■ Bentonite ■ Cement Grout ■ PVC Screen	
CLIENT:	LOCATION:	Project No.	
NYSDEC	Niagara Sanitation	17-013-0289	
LiRo Engineers, Inc.		Well Number: LPZ-09S	

DRILLING SUMMARY		MONITORING WELL CONSTRUCTION LOG					
Geologist: Andrew Koons		 Steel Protective Casing with Lock Top of well is 580.38' AMSL Ground Level Elevation: 577.41' Auger Hole: 6.25" Diameter 6.0' Depth Cement/Grout from ground surface to 2' bgs Bentonite seal from 2-3' bgs #0 sand from 3-6' bgs PVC Casing: 2" Diameter 6' Length PVC Screen: 2" Diameter 2' Length End of boring: 8.0' Top of screen: 4.0' Bottom of screen: 6.0'					
Drilling Company: SJB/Empire Geo Serv. Inc.							
Driller: Dan Delude							
Rig Make/Model: CME 550X							
Date: 9/14/2017							
GEOLOGIC LOG <table border="1"> <thead> <tr> <th>Depth (ft.)</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td></td> <td>See boring logs</td> </tr> </tbody> </table>		Depth (ft.)	Description		See boring logs		
Depth (ft.)	Description						
	See boring logs						
WELL DESIGN		NOT TO SCALE					
CASING MATERIAL		SCREEN MATERIAL	FILTER MATERIAL				
Surface: Steel Protective Casing		Type: 2" Schedule 40 PVC	Type: No. 0 SAND Setting: 3'-6' bgs				
Monitor: Schedule 40 PVC		Slot Diameter: 0.020"	SEAL MATERIAL Type: Bentonite Setting: 2'- 3' bgs Type: Cement Grout Setting: 0' - 2' bgs				
COMMENTS: The contractor was directed to install the borehole to a total depth of 6.0' bgs. All soils were screened with a PID meter and checked for olfactory and visual evidence of petroleum product contamination. All PID readings were noted. Borehole was backfilled with soil cuttings for completion of well. The well was constructed of schedule 40 PVC piping and 0.020" slot diameter screen, with the sand pack from 6' to 3', bentonite seal from 3' to 2' and slurry mix from 2' to ground surface. The well was completed to grade with a steel protective casing.		LEGEND:  PVC Casing  #2 Sand  Bentonite  Cement Grout  PVC Screen					
CLIENT: NYSDEC		LOCATION: Niagara Sanitation	Project No. 17-013-0289				
LiRo Engineers, Inc.		Monitoring Well Construction Details	Well Number: LPZ-10S				

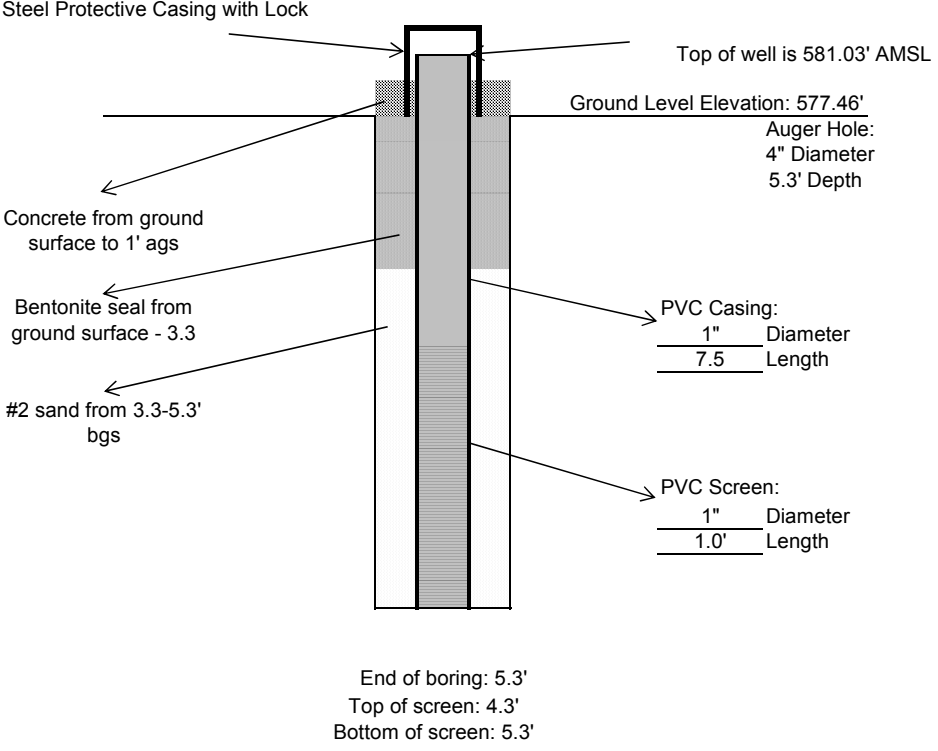
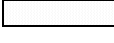
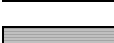
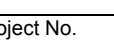
DRILLING SUMMARY		MONITORING WELL CONSTRUCTION LOG	
Geologist: Andrew Koons		Steel Protective Casing with Lock Top of well is 579.96' AMSL Ground Level Elevation: 577.65' Auger Hole: 6.25" Diameter 7.0' Depth Cement/Grout from ground surface to 2' bgs Bentonite seal from 2-3' bgs PVC Casing: 2" Diameter 7' Length PVC Screen: 2" Diameter 3' Length #0 sand from 3-7' bgs End of boring: 8.0' Top of screen: 4.0' Bottom of screen: 7.0'	
Drilling Company: SJB/Empire Geo Serv. Inc.			
Driller: Dan Delude			
Rig Make/Model: CME 550X			
Date: 9/13/2017			
GEOLOGIC LOG			
Depth (ft.)	Description		
	See boring logs		
WELL DESIGN		NOT TO SCALE	
CASING MATERIAL		SCREEN MATERIAL	FILTER MATERIAL
Surface: Steel Protective Casing	Type: 2" Schedule 40 PVC	Type: No. 0 SAND	Setting: 3'-7' bgs
Monitor: Schedule 40 PVC	Slot Diameter: 0.020"	SEAL MATERIAL	
		Type: Bentonite	Setting: 2'-3' bgs
		Type: Cement Grout	Setting: 0' - 2' bgs
COMMENTS:		LEGEND:	
The contractor was directed to install the borehole to a total depth of 7.0' bgs. All soils were screened with a PID meter and checked for olfactory and visual evidence of petroleum product contamination. All PID readings were noted. A well was constructed of schedule 40 PVC piping and 0.020" slot diameter screen, with was constructed of schedule 40 PVC piping and 0.020" slot diameter screen, with the sand pack from 7' to 3', bentonite seal from 3' to 2' and slurry mix from 2' to ground surface. The well was completed to grade with a steel protective casing.		█ PVC Casing █ #2 Sand █ Bentonite █ Cement Grout █ PVC Screen	
CLIENT:	LOCATION:	Project No.	
NYSDEC	Niagara Sanitation	17-013-0289	
LiRo Engineers, Inc.		Well Number: LPZ-11S	

DRILLING SUMMARY		MONITORING WELL CONSTRUCTION LOG					
Geologist: Andrew Koons		 Steel Protective Casing with Lock Top of well is 580.03' AMSL Ground Level Elevation: 577.09' Auger Hole: 6.25" Diameter 7.0' Depth Cement/Grout from ground surface to 2' bgs Bentonite seal from 2-3' bgs #0 sand from 3-7' bgs PVC Casing: 2" Diameter 7' Length PVC Screen: 2" Diameter 3.0' Length End of boring: 7.0' Top of screen: 3.0' Bottom of screen: 7.0'					
Drilling Company: SJB/Empire Geo Serv. Inc.							
Driller: Dan Delude							
Rig Make/Model: CME 550X							
Date: 9/13/2017							
GEOLOGIC LOG <table border="1"> <thead> <tr> <th>Depth (ft.)</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td></td> <td>See boring log</td> </tr> </tbody> </table>		Depth (ft.)	Description		See boring log		
Depth (ft.)	Description						
	See boring log						
WELL DESIGN		NOT TO SCALE					
CASING MATERIAL		SCREEN MATERIAL	FILTER MATERIAL				
Surface: Steel Protective Casing		Type: 2" Schedule 40 PVC	Type: No. 0 SAND Setting: 3'-7' bgs				
Monitor: Schedule 40 PVC		Slot Diameter: 0.020"	SEAL MATERIAL Type: Bentonite Setting: 2'- 3' bgs Type: Cement Grout Setting: 0' - 2' bgs				
COMMENTS: The contractor was directed to install the borehole to a total depth of 7.0' bgs. All soils were screened with a PID meter and checked for olfactory and visual evidence of petroleum product contamination. All PID readings were noted. A well was constructed of schedule 40 PVC piping and 0.020" slot diameter screen, with the sand pack from 7' to 3', bentonite seal from 3' to 2' and slurry mix from 2' to ground surface. The well was completed to grade with a steel protective casing.		LEGEND:  PVC Casing  #2 Sand  Bentonite  Cement Grout  PVC Screen					
CLIENT: NYSDEC		LOCATION: Niagara Sanitation	Project No. 17-013-0289				
LiRo Engineers, Inc.		Monitoring Well Construction Details	Well Number: LPZ-12S				

DRILLING SUMMARY		MONITORING WELL CONSTRUCTION LOG			
Geologist: Andrew Koons		 Steel Protective Casing with Lock Top of well is 581.66' AMSL Ground Level Elevation: 578.75' Auger Hole: 6.25" Diameter 7.5' Depth Cement/Grout from ground surface to 2.5' bgs Bentonite seal from 2.5'-4' bgs #0 sand from 4'-7.5' bgs PVC Casing: 2" Diameter 8' Length PVC Screen: 2" Diameter 2.5' Length End of boring: 7.5' Top of screen: 5.0' Bottom of screen: 7.5'			
Drilling Company: SJB/Empire Geo Serv. Inc.					
Driller: Dan Delude					
Rig Make/Model: CME 550X					
Date: 9/13/2017					
GEOLOGIC LOG <table border="1"> <thead> <tr> <th>Depth (ft.)</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td></td> <td>See boring log</td> </tr> </tbody> </table>				Depth (ft.)	Description
Depth (ft.)	Description				
	See boring log				
WELL DESIGN		NOT TO SCALE			
CASING MATERIAL		SCREEN MATERIAL	FILTER MATERIAL		
Surface: Steel Protective Casing		Type: 2" Schedule 40 PVC	Type: No. 0 SAND Setting: 4'-7.5' bgs		
Monitor: Schedule 40 PVC		Slot Diameter: 0.020"	SEAL MATERIAL Type: Bentonite Setting: 2.5'- 4' bgs Type: Cement Grout Setting: 0' - 2.5' bgs		
COMMENTS: The contractor was directed to install the borehole to a total depth of 7.5' bgs. All soils were screened with a PID meter and checked for olfactory and visual evidence of petroleum product contamination. All PID readings were noted. A well was constructed of schedule 40 PVC piping and 0.020" slot diameter screen, with the sand pack from 7.5' to 4', bentonite seal from 4' to 2.5' and slurry mix from 2.5' to ground surface. The well was completed to grade with a steel protective casing.		LEGEND:  PVC Casing  #2 Sand  Bentonite  Cement Grout  PVC Screen			
CLIENT: NYSDEC		LOCATION: Niagara Sanitation	Project No. 17-013-0289		
LiRo Engineers, Inc.		Monitoring Well Construction Details	Well Number: LPZ-13S		

DRILLING SUMMARY		MONITORING WELL CONSTRUCTION LOG	
Geologist: Andrew Koons		Top of well is 580.03' AMSL Ground Level Elevation: 577.18' Auger Hole: 4" Diameter 5.3' Depth Cement/Grout from ground surface to 2' bgs Bentonite seal from 2- 4' bgs PVC Casing: 2" Diameter 8' Length PVC Screen: 2" Diameter 2' Length #2 sand from 4-7' bgs End of boring: 7.0' Top of screen: 5.0' Bottom of screen: 7.0'	
Drilling Company: SJB/Empire Geo Serv. Inc.			
Driller: Brian Delude			
Rig Make/Model: Diedrich D-50			
Date: 8/15/2017			
GEOLOGIC LOG			
Depth (ft.)	Description See boring log		
WELL DESIGN		NOT TO SCALE	
CASING MATERIAL		SCREEN MATERIAL	FILTER MATERIAL
Surface: Steel Protective Casing		Type: 2" Schedule 40 PVC	Type: No. 0 SAND Setting: 4'-7' bgs
Monitor: Schedule 40 PVC		Slot Diameter: 0.020"	SEAL MATERIAL
			Type: Bentonite Setting: 2'- 4' bgs
			Type: Cement Grout Setting: 0' - 2' bgs
COMMENTS:		LEGEND:	
The contractor was directed to install the borehole to a total depth of 7' bgs. All soils were screened with a PID meter and checked for olfactory and visual evidence of petroleum product contamination. All PID readings were noted. A well was constructed of schedule 40 PVC piping and 0.020" slot diameter screen, with the sand pack from 7' to 4', bentonite seal from 4' to 2' and slurry mix from 2' to ground surface. The well was completed to grade with a steel protective casing.		PVC Casing #2 Sand Bentonite Cement Grout PVC Screen	
CLIENT:	LOCATION:	Project No.	
NYSDEC	Niagara Sanitation	17-013-0289	
LiRo Engineers, Inc.		Well Number: OW-14BR	
Monitoring Well Construction Details			

DRILLING SUMMARY		MONITORING WELL CONSTRUCTION LOG					
Geologist: Andrew Koons		Top of well is 580.34' AMSL Ground Level Elevation: 576.92' Concrete from ground surface to 1' ags Bentonite seal from ground surface - 3.3 #2 sand from 3.3-5.3' bgs PVC Casing: 1" Diameter 7.4' Length PVC Screen: 1" Diameter 1.0' Length End of boring: 5.3' Top of screen: 4.3' Bottom of screen: 5.3'					
Drilling Company: LiRo Engineers							
Driller: Eric Miller							
Rig Make/Model: Hand Auger							
Date: 8/24/2017							
GEOLOGIC LOG <table border="1"> <thead> <tr> <th>Depth (ft.)</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td></td> <td>See boring log</td> </tr> </tbody> </table>		Depth (ft.)	Description		See boring log		
Depth (ft.)	Description						
	See boring log						
WELL DESIGN		NOT TO SCALE					
CASING MATERIAL		SCREEN MATERIAL	FILTER MATERIAL				
Surface: Steel Protective Casing		Type: 1" Schedule 40 PVC	Type: No. 2 SAND Setting: 3.3'-5.3' bgs				
Monitor: Schedule 40 PVC		Slot Diameter: 0.020"	SEAL MATERIAL Type: Bentonite Setting: 0'- 3.3' bgs Type: Concrete Pad Setting: 0' - 1' ags				
COMMENTS: The driller was directed to install the borehole to a total depth of 5.3' bgs. All soils were screened with a PID meter and checked for olfactory and visual evidence of petroleum product contamination. All PID readings were noted. A well was constructed of schedule 40 PVC piping and 0.020" slot diameter screen, with the sand pack from 5.3' to 3.3', bentonite seal from 3.3' to ground surface. The well was completed to grade with a concrete pad and steel protective casing.		LEGEND: PVC Casing #2 Sand Bentonite Concrete Pad PVC Screen					
CLIENT: NYSDEC		LOCATION: Niagara Sanitation	Project No. 17-013-0289				
LiRo Engineers, Inc.		Monitoring Well Construction Details	Well Number: LDP-01				

DRILLING SUMMARY		MONITORING WELL CONSTRUCTION LOG			
Geologist: Andrew Koons		 Steel Protective Casing with Lock Top of well is 581.03' AMSL Ground Level Elevation: 577.46' Auger Hole: 4" Diameter 5.3' Depth Concrete from ground surface to 1' ags Bentonite seal from ground surface - 3.3 #2 sand from 3.3-5.3' bgs PVC Casing: 1" Diameter 7.5' Length PVC Screen: 1" Diameter 1.0' Length End of boring: 5.3' Top of screen: 4.3' Bottom of screen: 5.3'			
Drilling Company: LiRo Engineers					
Driller: Eric Miller					
Rig Make/Model: Hand Auger					
Date: 8/24/2017					
GEOLOGIC LOG <table border="1"> <thead> <tr> <th>Depth (ft.)</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td></td> <td>See boring log</td> </tr> </tbody> </table>				Depth (ft.)	Description
Depth (ft.)	Description				
	See boring log				
WELL DESIGN		NOT TO SCALE			
CASING MATERIAL		SCREEN MATERIAL	FILTER MATERIAL		
Surface: Steel Protective Casing		Type: 1" Schedule 40 PVC	Type: No. 2 SAND Setting: 3.3'-5.3' bgs		
Monitor: Schedule 40 PVC		Slot Diameter: 0.020"	SEAL MATERIAL Type: Bentonite Setting: 0'- 3.3' bgs Type: Concrete Pad Setting: 0' - 1' ags		
COMMENTS: The driller was directed to install the borehole to a total depth of 5.3' bgs. All soils were screened with a PID meter and checked for olfactory and visual evidence of petroleum product contamination. All PID readings were noted. A well was constructed of schedule 40 PVC piping and 0.020" slot diameter screen, with the sand pack from 5.3' to 3.3', bentonite seal from 3.3' to ground surface. The well was completed to grade with a concrete pad and steel protective casing.		LEGEND:  PVC Casing  #2 Sand  Bentonite  Concrete Pad  PVC Screen			
CLIENT: NYSDEC		LOCATION: Niagara Sanitation	Project No. 17-013-0289		
LiRo Engineers, Inc.		Monitoring Well Construction Details	Well Number: LDP-02		

DRILLING SUMMARY		MONITORING WELL CONSTRUCTION LOG	
Geologist: Andrew Koons		Top of well is 580.73' AMSL Ground Level Elevation: 577.25' Auger Hole: 4" Diameter 5.1' Depth PVC Casing: 1" Diameter 7.4 Length PVC Screen: 1" Diameter 1.0' Length End of boring: 5.1' Top of screen: 4.1' Bottom of screen: 5.1'	
Drilling Company: LiRo Engineers			
Driller: Eric Miller			
Rig Make/Model: Hand Auger			
Date: 8/24/2017			
GEOLOGIC LOG			
Depth (ft.)	Description See boring logs		
WELL DESIGN		NOT TO SCALE	
CASING MATERIAL		SCREEN MATERIAL	FILTER MATERIAL
Surface: Steel Protective Casing		Type: 1" Schedule 40 PVC	Type: No. 2 SAND Setting: 2.4'-5.1' bgs
Monitor: Schedule 40 PVC		Slot Diameter: 0.020"	SEAL MATERIAL Type: Bentonite Setting: 0'- 2.4' bgs Type: Concrete Pad Setting: 0' - 1' ags
COMMENTS: The driller was directed to install the borehole to a total depth of 5.1' bgs. All soils were screened with a PID meter and checked for olfactory and visual evidence of petroleum product contamination. All PID readings were noted. A well was constructed of schedule 40 PVC piping and 0.020" slot diameter screen, with the sand pack from 5.1' to 2.4', bentonite seal from 2.4' to ground surface. The well was completed to grade with a concrete pad and steel protective casing.		LEGEND: PVC Casing #2 Sand Bentonite Concrete Pad PVC Screen	
CLIENT: NYSDEC		LOCATION: Niagara Sanitation	Project No. 17-013-0289
LiRo Engineers, Inc.		Monitoring Well Construction Details	Well Number: LDP-03

DRILLING SUMMARY		MONITORING WELL CONSTRUCTION LOG			
Geologist: Andrew Koons		Top of well is 581.42' AMSL Ground Level Elevation: 578.15' Auger Hole: 4" Diameter 5.3' Depth Concrete from ground surface to 1' ags Bentonite seal from ground surface - 3.3 #2 sand from 3.3-5.3' bgs PVC Casing: 1" Diameter 7.6 Length PVC Screen: 1" Diameter 1.0' Length End of boring: 5.3' Top of screen: 4.3' Bottom of screen: 5.3'			
Drilling Company: LiRo Engineers					
Driller: Eric Miller					
Rig Make/Model: Hand Auger					
Date: 8/24/2017-8/25/2017					
GEOLOGIC LOG <table border="1"> <thead> <tr> <th>Depth (ft.)</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td></td> <td>See boring log</td> </tr> </tbody> </table>				Depth (ft.)	Description
Depth (ft.)	Description				
	See boring log				
WELL DESIGN		NOT TO SCALE			
CASING MATERIAL		SCREEN MATERIAL	FILTER MATERIAL		
Surface: Steel Protective Casing		Type: 1" Schedule 40 PVC	Type: No. 2 SAND Setting: 3.3'-5.3' bgs		
Monitor: Schedule 40 PVC		Slot Diameter: 0.020"	SEAL MATERIAL Type: Bentonite Setting: 0'- 3.3' bgs Type: Concrete Pad Setting: 0' - 1' ags		
COMMENTS: The driller was directed to install the borehole to a total depth of 5.3' bgs. All soils were screened with a PID meter and checked for olfactory and visual evidence of petroleum product contamination. All PID readings were noted. A well was constructed of schedule 40 PVC piping and 0.020" slot diameter screen, with the sand pack from 5.3' to 3.3', bentonite seal from 3.3' to ground surface. The well was completed to grade with a concrete pad and steel protective casing.		LEGEND: PVC Casing #2 Sand Bentonite Concrete Pad PVC Screen			
CLIENT: NYSDEC		LOCATION: Niagara Sanitation	Project No. 17-013-0289		
LiRo Engineers, Inc.		Monitoring Well Construction Details	Well Number: LDP-04		

2021 Sampling Event

DRILLING SUMMARY		MONITORING WELL CONSTRUCTION LOG	
Geologist: Andrew Koons		Top of well is 581.16' AMSL Ground Level Elevation: 577.46' Auger Hole: 8" Nominal Diameter 12.0' Depth Concrete from 0.5' bgs to ground surface Bentonite seal from 3.0 - 0.5' bgs #2 sand from 12.0- 3.0' bgs PVC Casing: 2" Diameter 6.7 Length PVC Screen: 2" Diameter 5.0 Length End of boring: 12.0' Top of screen: 4.0' Bottom of screen: 9.0'	
Drilling Company: Earth Dimensions			
Driller: Phil Hence			
Rig Make/Model: D-50			
Date: 10/19/2021			
GEOLOGIC LOG			
Depth (ft.)	Description		
WELL DESIGN		NOT TO SCALE	
CASING MATERIAL		SCREEN MATERIAL	FILTER MATERIAL
Surface: Steel Protective Casing	Type: 2" Schedule 40 PVC	Type: No. 2 SAND	Setting: 3.0-12.0' bgs
Monitor: Schedule 40 PVC	Slot Diameter: 0.010"	SEAL MATERIAL	
		Type: Bentonite	Setting: 0.5'- 3.0' bgs
		Type: Concrete Pad	Setting: 0.5' - 0 bgs
COMMENTS:		LEGEND:	
The driller was directed to install the borehole to a total depth of 12.0' bgs. All soils were screened with a PID meter and checked for olfactory and visual evidence of petroleum product contamination. All PID readings were noted. A well was constructed of schedule 40 PVC piping and 0.010" slot diameter screen, with the sand pack from 12.0' to 3.0', bentonite seal from 3.0' to 0.5'. The well was completed to grade with a concrete pad and steel protective casing.		PVC Casing #2 Sand Bentonite Concrete Pad PVC Screen	
CLIENT:	LOCATION:	Project No.	
NYSDEC	Niagara Sanitation	17-013-0289	
LiRo Engineers, Inc.		Well Number: LPZ-14S	

DRILLING SUMMARY		MONITORING WELL CONSTRUCTION LOG	
Geologist: Andrew Koons		Top of well is 581.16' AMSL Ground Level Elevation: 577.46' Auger Hole: 8" Nominal Diameter 12.0' Depth Concrete from 0.5' bgs to ground surface Bentonite seal from 2.5 - 0.5' bgs #2 sand from 12.0- 2.5' bgs PVC Casing: 2" Diameter 5.7 Length PVC Screen: 2" Diameter 5.0 Length End of boring: 12.0' Top of screen: 3.0' Bottom of screen: 8.0'	
Drilling Company: Earth Dimensions			
Driller: Phil Hence			
Rig Make/Model: D-50			
Date: 10/19/2021			
GEOLOGIC LOG			
Depth (ft.)	Description		
WELL DESIGN		NOT TO SCALE	
CASING MATERIAL		SCREEN MATERIAL	FILTER MATERIAL
Surface: Steel Protective Casing		Type: 2" Schedule 40 PVC	Type: No. 2 SAND Setting: 2.5-12.0' bgs
Monitor: Schedule 40 PVC		Slot Diameter: 0.010"	SEAL MATERIAL
			Type: Bentonite Setting: 0.5'- 2.5' bgs
			Type: Concrete Pad Setting: 0.5' - 0 bgs
COMMENTS:		LEGEND:	
The driller was directed to install the borehole to a total depth of 12.0' bgs. All soils were screened with a PID meter and checked for olfactory and visual evidence of petroleum product contamination. All PID readings were noted. A well was constructed of schedule 40 PVC piping and 0.010" slot diameter screen, with the sand pack from 12.0' to 2.5', bentonite seal from 2.0' to 0.5'. The well was completed to grade with a concrete pad and steel protective casing.		PVC Casing #2 Sand Bentonite Concrete Pad PVC Screen	
CLIENT:	LOCATION:	Project No.	
NYSDEC	Niagara Sanitation	17-013-0289	
LiRo Engineers, Inc.		Well Number: LPZ-15S	

APPENDIX B
2021 GROUNDWATER
PURGE AND SAMPLE LOGS

2021 Sampling Event

OW Series Wells

WELL PURGE LOG

LiRo Engineers, Inc.

Project Title: NYSDEC I&R - Niagara station

Well Number: OW-01

Site Name: Niagara Sanitation- 7415 Nash Rd

Date: 10/29/2021

Staff: A.Koons, R.Cich

Time: 11:05
(sample collected)

A). Total casing and screen length in feet:	10.56	Well ID	Volume (gal/ft)
		1"	0.04
B). Water level below top of casing in feet:	3.56	2"	0.17
		3"	0.38
C). Number of feet standing water [A-B]:	7.00	4"	0.66
		5"	1.04
D). Volume of water/foot of casing (gal.):	0.17	6"	1.50
		8"	2.60
E). Volume of water in casing (gal. [CxD]):	1.19		
F). Volume of water to remove (gal.) [Ex3]:	3.57		
G). Volume of water actually removed (gal.):	5.00		

PURGE DATA

Time	Temperature (°C)	pH	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Dissolved Oxygen %	Appearance
10:13	12.41	8.18	32	2.610	17.2	5.13	NR	clear
10:18	13.29	7.09	21	1.560	9.4	0.00	NR	clear
10:25	13.52	6.97	57	1.510	7.1	0.91	NR	clear
10:40	13.64	7.29	76	1.570	14.6	2.63	NR	clear
10:48	13.75	7.02	57	1.630	6.7	0.00	NR	clear
10:56	13.82	6.93	44	1.650	5.6	1.82	NR	clear

Comments:

Sampling ID: NS-OW01-GW

Sampling Parameters:

(check one)

☐ CP-51 VOCs

☐ Other (list parameters below)

☐ CP-51 VOCs & SVOCs

☒ Full List TCL VOCs, SVOCs, Metals, Mercury, PCBs and Pesticides

WELL PURGE LOG

LiRo Engineers, Inc.

Project Title: NYSDEC I&R - Niagara station

Well Number: OW-13

Site Name: Niagara Sanitation- 7415 Nash Rd

Date: 11/4/2021

Staff: J. Williams, A. Kolpinski

Time: 9:00

(sample collected)

A). Total casing and screen length in feet:	8.00	Well ID	Volume (gal/ft)
		1"	0.04
B). Water level below top of casing in feet:	4.30	2"	0.17
		3"	0.38
C). Number of feet standing water [A-B]:	3.70	4"	0.66
		5"	1.04
D). Volume of water/foot of casing (gal.):	0.17	6"	1.50
		8"	2.60
E). Volume of water in casing (gal. [CxD]):	0.629		
F). Volume of water to remove (gal.) [Ex3]:	1.887		
G). Volume of water actually removed (gal.):	1.00		

PURGE DATA

Time	Temperature (°C)	pH	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Dissolved Oxygen %	Appearance
8:46	2.17	7.66	103	2.480	350.0	3.26	NR	clear
8:54	7.65	6.80	-98	1.530	341.0	2.95	NR	clear

Comments: well went dry after 1 gal

Sampling ID: NS-OW13-GW

Sampling Parameters:

(check one)

☐ CP-51 VOCs

☐ Other (list parameters below)

☐ CP-51 VOCs & SVOCs

☒ Full List TCL VOCs, SVOCs, Metals, Mercury, PCBs and Pesticides

WELL PURGE LOG

LiRo Engineers, Inc.

Project Title: NYSDEC I&R - Niagara station

Well Number: OW-14B

Site Name: Niagara Sanitation- 7415 Nash Rd

Date: 11/1/2021

Staff: J. Williams, A. Kolpinski

Time: 9:40

(sample collected)

A). Total casing and screen length in feet:	8.65	Well ID	Volume (gal/ft)
		1"	0.04
B). Water level below top of casing in feet:	4.77	2"	0.17
		3"	0.38
C). Number of feet standing water [A-B]:	3.88	4"	0.66
		5"	1.04
D). Volume of water/foot of casing (gal.):	0.17	6"	1.50
		8"	2.60
E). Volume of water in casing (gal. [Cx D]):	0.6596		
F). Volume of water to remove (gal.) [Ex 3]:	1.9788		
G). Volume of water actually removed (gal.):	5.00		

PURGE DATA

Time	Temperature (°C)	pH	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Dissolved Oxygen %	Appearance
9:08	9.45	8.69	69	2.830	81.0	15.99	NR	clear
9:14	11.53	7.23	-21	1.980	12.9	1.94	NR	clear
9:20	11.82	6.97	6	1.540	16.9	3.34	NR	clear
9:26	12.11	6.97	12	1.760	15.0	3.09	NR	clear
9:32	12.23	6.93	13	1.350	20.7	3.76	NR	clear
9:38	12.47	6.88	24	1.700	10.4	3.15	NR	clear

Comments:

Sampling ID: NS-OW14B-GW

Sampling Parameters:

(check one)

☐ CP-51 VOCs

☐ Other (list parameters below)

☐ CP-51 VOCs & SVOCs

☒ Full List TCL VOCs, SVOCs, Metals, Mercury, PCBs and Pesticides

WELL PURGE LOG

LiRo Engineers, Inc.

Project Title: NYSDEC I&R - Niagara station

Well Number: OW-14BR

Site Name: Niagara Sanitation- 7415 Nash Rd

Date: 11/1/2021

Staff: J. Williams, A. Kolpinski

Time: 10:45

(sample collected)

A). Total casing and screen length in feet:	9.60	Well ID	Volume (gal/ft)
		1"	0.04
B). Water level below top of casing in feet:	4.88	2"	0.17
		3"	0.38
C). Number of feet standing water [A-B]:	4.72	4"	0.66
		5"	1.04
D). Volume of water/foot of casing (gal.):	0.17	6"	1.50
		8"	2.60
E). Volume of water in casing (gal. [Cx D]):	0.8024		
F). Volume of water to remove (gal.) [Ex 3]:	2.4072		
G). Volume of water actually removed (gal.):	4.00		

PURGE DATA

Time	Temperature (°C)	pH	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Dissolved Oxygen %	Appearance
10:13	11.52	7.54	71	1.110	68.5	3.04	NR	clear
10:20	13.01	7.24	-24	1.140	9.5	1.37	NR	clear
10:25	13.43	6.97	14	1.090	5.9	0.00	NR	clear
10:32	13.09	7.04	41	0.961	15.6	3.06	NR	clear
10:37	13.8	6.9	42	1.060	4.9	0.00	NR	clear

Comments:

Sampling ID: NS-OW14BR-GW

Sampling Parameters:

(check one)

☐ CP-51 VOCs

☐ Other (list parameters below)

☐ CP-51 VOCs & SVOCs

☒ Full List TCL VOCs, SVOCs, Metals, Mercury, PCBs and Pesticides

WELL PURGE LOG

LiRo Engineers, Inc.

Project Title: NYSDEC I&R - Niagara station

Well Number: OW-16

Site Name: Niagara Sanitation- 7415 Nash Rd

Date: 11/4/2021

Staff: J. Williams, A. Kolpinski

Time: 13:05
(sample collected)

A). Total casing and screen length in feet:	13.00	Well ID	Volume (gal/ft)
		1"	0.04
B). Water level below top of casing in feet:	7.04	2"	0.17
		3"	0.38
C). Number of feet standing water [A-B]:	5.96	4"	0.66
		5"	1.04
D). Volume of water/foot of casing (gal.):	0.17	6"	1.50
		8"	2.60
E). Volume of water in casing (gal. [Cx D]):	1.0132		
F). Volume of water to remove (gal.) [Ex 3]:	3.0396		
G). Volume of water actually removed (gal.):	2.50		

PURGE DATA

Time	Temperature (°C)	pH	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Dissolved Oxygen %	Appearance
12:44	11.15	7.22	120	2.390	272.0	35.21	NR	clear
12:49	12	6.62	-25	1.540	80.2	3.50	NR	clear
12:53	12.36	6.42	-36	1.560	71.3	3.79	NR	clear
12:59	12.54	6.54	-40	2.010	41.8	3.52	NR	clear

Comments: well goes dry around 2 gal

Sampling ID: NS-OW16-GW

Sampling Parameters:

(check one)

☐ CP-51 VOCs

☐ Other (list parameters below)

☐ CP-51 VOCs & SVOCs

☒ Full List TCL VOCs, SVOCs, Metals, Mercury, PCBs and Pesticides

WELL PURGE LOG

LiRo Engineers, Inc.

Project Title: NYSDEC I&R - Niagara station

Well Number: OW-21

Site Name: Niagara Sanitation- 7415 Nash Rd

Date: 10/29/2021

Staff: A. Koons. R.Cich

Time: 14:05

(sample collected)

A). Total casing and screen length in feet:	10.25	Well ID	Volume (gal/ft)
		1"	0.04
B). Water level below top of casing in feet:	5.54	2"	0.17
		3"	0.38
C). Number of feet standing water [A-B]:	4.71	4"	0.66
		5"	1.04
D). Volume of water/foot of casing (gal.):	0.17	6"	1.50
		8"	2.60
E). Volume of water in casing (gal. [Cx D]):	0.8007		
F). Volume of water to remove (gal.) [Ex 3]:	2.4021		
G). Volume of water actually removed (gal.):	3.00		

PURGE DATA

Time	Temperature (°C)	pH	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Dissolved Oxygen %	Appearance
13:39	14.20	7.21	52	2.770	7.3	18.89	NR	clear
13:45	14.42	6.89	-46	2.370	56.1	0.00	NR	clear
13:50	14.41	6.94	-23	2.230	50.5	0.00	NR	clear
13:59	14.55	6.87	-21	2.200	43.1	1.38	NR	clear

Comments:

Sampling ID: NS-OW21-GW

Sampling Parameters:

(check one)

☐ CP-51 VOCs

☐ Other (list parameters below)

☐ CP-51 VOCs & SVOCs

☒ Full List TCL VOCs, SVOCs, Metals, Mercury, PCBs and Pesticides

WELL PURGE LOG

LiRo Engineers, Inc.

Project Title: NYSDEC I&R - Niagara station

Well Number: OW-31

Site Name: Niagara Sanitation- 7415 Nash Rd

Date: 11/2/2021

Staff: J. Williams, A. Kolpinski

Time: 9:35
(sample collected)

A). Total casing and screen length in feet:	8.20	Well ID	Volume (gal/ft)
		1"	0.04
B). Water level below top of casing in feet:	5.10	2"	0.17
		3"	0.38
C). Number of feet standing water [A-B]:	3.10	4"	0.66
		5"	1.04
D). Volume of water/foot of casing (gal.):	0.17	6"	1.50
		8"	2.60
E). Volume of water in casing (gal. [CxD]):	0.527		
F). Volume of water to remove (gal.) [Ex3]:	1.581		
G). Volume of water actually removed (gal.):	3.00		

PURGE DATA

Time	Temperature (°C)	pH	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Dissolved Oxygen %	Appearance
9:04	7.00	7.77	151	2.940	747.0	2.10	NR	clear
9:13	10.95	6.99	1	2.760	50.3	3.10	NR	clear
9:17	11.89	6.91	46	2.660	47.2	3.51	NR	clear
9:25	12.40	6.96	76	3.000	50.8	3.39	NR	clear

Comments: well starts to go dry at 3 gal

Sampling ID: NS-OW31-GW

Sampling Parameters:

(check one)

☐ CP-51 VOCs ☐ Other (list parameters below)

☐ CP-51 VOCs & SVOCs _____

☒ Full List TCL VOCs, SVOCs, Metals, Mercury, PCBs and Pesticides

WELL PURGE LOG

LiRo Engineers, Inc.

Project Title: NYSDEC I&R - Niagara station

Well Number: OW-34

Site Name: Niagara Sanitation- 7415 Nash Rd

Date: 11/3/2021

Staff: J. Williams, A. Kolpinski

Time: 15:00
(sample collected)

A). Total casing and screen length in feet:	15.17	Well ID	Volume (gal/ft)
		1"	0.04
B). Water level below top of casing in feet:	5.57	2"	0.17
		3"	0.38
C). Number of feet standing water [A-B]:	9.60	4"	0.66
		5"	1.04
D). Volume of water/foot of casing (gal.):	0.17	6"	1.50
		8"	2.60
E). Volume of water in casing (gal. [CxD]):	1.632		
F). Volume of water to remove (gal.) [Ex3]:	4.896		
G). Volume of water actually removed (gal.):	5.00		

PURGE DATA

Time	Temperature (°C)	pH	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Dissolved Oxygen %	Appearance
14:19	12.36	7.32	-29	0.662	90.4	4.48	NR	clear
14:23	13.74	6.55	0	0.581	67.7	4.04	NR	clear
14:29	14.18	6.42	-31	1.520	26.6	3.02	NR	clear
14:36	14.28	6.49	-43	1.250	35.4	3.27	NR	clear
14:45	14.48	6.46	-43	1.520	24.1	3.05	NR	clear
14:53	14.54	6.5	-44	1.750	45.0	4.12	NR	clear

Comments:

Sampling ID: NS-OW34-GW

Sampling Parameters:

(check one)

☐ CP-51 VOCs

☐ Other (list parameters below)

☐ CP-51 VOCs & SVOCs

☒ Full List TCL VOCs, SVOCs, Metals, Mercury, PCBs and Pesticides

WELL PURGE LOG

LiRo Engineers, Inc.

Project Title: NYSDEC I&R - Niagara station

Well Number: OW-35

Site Name: Niagara Sanitation- 7415 Nash Rd

Date: 11/3/2021

Staff: J. Williams, A. Kolpinski

Time: 13:20
(sample collected)

A). Total casing and screen length in feet:	12.12	Well ID	Volume (gal/ft)
		1"	0.04
B). Water level below top of casing in feet:	6.86	2"	0.17
		3"	0.38
C). Number of feet standing water [A-B]:	5.26	4"	0.66
		5"	1.04
D). Volume of water/foot of casing (gal.):	0.17	6"	1.50
		8"	2.60
E). Volume of water in casing (gal. [Cx D]):	0.8942		
F). Volume of water to remove (gal.) [Ex 3]:	2.6826		
G). Volume of water actually removed (gal.):	2.50		

PURGE DATA

Time	Temperature (°C)	pH	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Dissolved Oxygen %	Appearance
12:59	10.19	7.49	137	1.020	106.0	5.16	NR	clear
13:05	11.71	6.63	-48	1.090	88.5	3.56	NR	clear
13:09	12.19	6.68	-31	0.945	55.5	3.42	NR	clear
13:15	12.24	6.78	-44	1.100	188.0	3.57	NR	clear

Comments:

Sampling ID: NS-OW35S-GW

Sampling Parameters:

(check one)

☐ CP-51 VOCs

☐ Other (list parameters below)

☐ CP-51 VOCs & SVOCs

☒ Full List TCL VOCs, SVOCs, Metals, Mercury, PCBs and Pesticides

WELL PURGE LOG

LiRo Engineers, Inc.

Project Title: NYSDEC I&R - Niagara station

Well Number: OW-36

Site Name: Niagara Sanitation- 7415 Nash Rd

Date: 11/3/2021

Staff: J. Williams, A. Kolpinski

Time: 14:00

(sample collected)

A). Total casing and screen length in feet:	10.15	Well ID	Volume (gal/ft)
		1"	0.04
B). Water level below top of casing in feet:	5.77	2"	0.17
		3"	0.38
C). Number of feet standing water [A-B]:	4.38	4"	0.66
		5"	1.04
D). Volume of water/foot of casing (gal.):	0.17	6"	1.50
		8"	2.60
E). Volume of water in casing (gal. [Cx D]):	0.7446		
F). Volume of water to remove (gal.) [Ex 3]:	2.2338		
G). Volume of water actually removed (gal.):	3.00		

PURGE DATA

Time	Temperature (°C)	pH	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Dissolved Oxygen %	Appearance
13:35	12.36	7.02	-3	0.979	54.2	24.46	NR	clear
13:41	12.64	6.18	-40	0.637	62.0	3.59	NR	clear
13:49	12.89	6.44	-53	0.755	27.2	3.19	NR	clear
13:56	13.13	6.38	-48	0.621	49.3	3.13	NR	clear

Comments:

Sampling ID: NS-OW36-GW

Sampling Parameters:

(check one)

☐ CP-51 VOCs

☐ Other (list parameters below)

☐ CP-51 VOCs & SVOCs

☒ Full List TCL VOCs, SVOCs, Metals, Mercury, PCBs and Pesticides

WELL PURGE LOG

LiRo Engineers, Inc.

Project Title: NYSDEC I&R - Niagara station

Well Number: OW-37

Site Name: Niagara Sanitation- 7415 Nash Rd

Date: 11/4/2021

Staff: J. Williams, A. Kolpinski

Time: 14:00
(sample collected)

A). Total casing and screen length in feet:	8.94	Well ID	Volume (gal/ft)
		1"	0.04
B). Water level below top of casing in feet:	5.51	2"	0.17
		3"	0.38
C). Number of feet standing water [A-B]:	3.43	4"	0.66
		5"	1.04
D). Volume of water/foot of casing (gal.):	0.17	6"	1.50
		8"	2.60
E). Volume of water in casing (gal. [Cx D]):	0.5831		
F). Volume of water to remove (gal.) [Ex 3]:	1.7493		
G). Volume of water actually removed (gal.):	3.00		

PURGE DATA

Time	Temperature (°C)	pH	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Dissolved Oxygen %	Appearance
13:21	11.48	7.69	-37	0.928	44.7	5.21	NR	clear
13:27	12.12	6.56	20	0.930	37.5	3.14	NR	clear
13:32	12.23	6.49	30	0.796	35.3	3.41	NR	clear
13:48	12.27	6.51	39	1.320	8.8	2.44	NR	clear

Comments: running low on water at 2 gal so on and off purging from 2-3 gal

Sampling ID: NS-OW-37-GW

Sampling Parameters:

(check one)

☐ CP-51 VOCs

☐ Other (list parameters below)

☐ CP-51 VOCs & SVOCs

☒ Full List TCL VOCs, SVOCs, Metals, Mercury, PCBs and Pesticides

LPZ Series Wells

WELL PURGE LOG

LiRo Engineers, Inc.

Project Title: NYSDEC I&R - Niagara station

Well Number: LPZ-01S

Site Name: Niagara Sanitation- 7415 Nash Rd

Date: 11/1/2021

Staff: J. Williams, A. Kolpinski

Time: 11:45

(sample collected)

A). Total casing and screen length in feet:	10.00	Well ID	Volume (gal/ft)
		1"	0.04
B). Water level below top of casing in feet:	5.19	2"	0.17
		3"	0.38
C). Number of feet standing water [A-B]:	4.81	4"	0.66
		5"	1.04
D). Volume of water/foot of casing (gal.):	0.17	6"	1.50
		8"	2.60
E). Volume of water in casing (gal. [Cx D]):	0.8177		
F). Volume of water to remove (gal.) [Ex 3]:	2.4531		
G). Volume of water actually removed (gal.):	4.00		

PURGE DATA

Time	Temperature (°C)	pH	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Dissolved Oxygen %	Appearance
11:14	13.02	7.35	92	1.560	10.6	2.59	NR	clear
11:18	13.56	7.08	87	1.600	8.0	0.00	NR	clear
11:23	13.58	7.00	54	1.400	15.8	2.73	NR	clear
11:31	13.63	6.94	30	1.410	10.2	2.61	NR	clear
11:38	13.74	6.93	25	1.400	14.7	2.75	NR	clear

Comments:

Sampling ID: NS-LPZ01S-GW

Sampling Parameters:

(check one)

☐ CP-51 VOCs

☐ Other (list parameters below)

☐ CP-51 VOCs & SVOCs

☒ Full List TCL VOCs, SVOCs, Metals, Mercury, PCBs and Pesticides

WELL PURGE LOG

LiRo Engineers, Inc.

Project Title: NYSDEC I&R - Niagara station

Well Number: LPZ-02S

Site Name: Niagara Sanitation- 7415 Nash Rd

Date: 11/1/2021

Staff: J. Williams, A. Kolpinski

Time: 15:05
(sample collected)

A). Total casing and screen length in feet:	7.40	Well ID	Volume (gal/ft)
		1"	0.04
B). Water level below top of casing in feet:	6.00	2"	0.17
		3"	0.38
C). Number of feet standing water [A-B]:	1.40	4"	0.66
		5"	1.04
D). Volume of water/foot of casing (gal.):	0.17	6"	1.50
		8"	2.60
E). Volume of water in casing (gal. [CxD]):	0.238		
F). Volume of water to remove (gal.) [Ex3]:	0.714		
G). Volume of water actually removed (gal.):	5.00		

PURGE DATA

Time	Temperature (°C)	pH	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Dissolved Oxygen %	Appearance
14:31	12.90	7.43	78	3.400	63.3	3.80	NR	clear
14:37	13.21	6.90	-19	3.300	17.8	2.72	NR	clear
14:42	13.2	6.87	-23	2.420	32.9	3.47	NR	clear
14:49	13.15	6.87	-42	2.980	22.0	3.09	NR	clear
14:56	13.31	6.77	-41	3.390	6.1	0.63	NR	clear
15:01	12.9	6.82	-48	2.650	21.5	2.95	NR	clear

Comments:

Sampling ID: NS-LPZ02S-GW

Sampling Parameters:

(check one)

☐ CP-51 VOCs

☐ Other (list parameters below)

☐ CP-51 VOCs & SVOCs

☒ Full List TCL VOCs, SVOCs, Metals, Mercury, PCBs and Pesticides

WELL PURGE LOG

LiRo Engineers, Inc.

Project Title: NYSDEC I&R - Niagara station

Well Number: LPZ-03S

Site Name: Niagara Sanitation- 7415 Nash Rd

Date: 11/5/2021

Staff: J. Williams, A. Kolpinski

Time: 11:10

(sample collected)

A). Total casing and screen length in feet:	10.78	Well ID	Volume (gal/ft)
		1"	0.04
B). Water level below top of casing in feet:	5.40	2"	0.17
		3"	0.38
C). Number of feet standing water [A-B]:	5.38	4"	0.66
		5"	1.04
D). Volume of water/foot of casing (gal.):	0.17	6"	1.50
		8"	2.60
E). Volume of water in casing (gal. [Cx D]):	0.9146		
F). Volume of water to remove (gal.) [Ex3]:	2.7438		
G). Volume of water actually removed (gal.):	4.00		

PURGE DATA

Time	Temperature (°C)	pH	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Dissolved Oxygen %	Appearance
10:37	9.09	7.60	15	0.630	53.5	4.28	NR	clear
10:42	12.14	6.44	67	0.884	27.9	3.08	NR	clear
10:49	12.87	6.25	55	1.000	12.7	0.00	NR	clear
10:57	13.28	6.22	25	0.994	12.0	0.00	NR	clear
11:03	13.6	6.4	7	0.946	21.2	2.60	NR	clear

Comments:

Sampling ID: NS-LPZ03S-GW

Sampling Parameters:

(check one)

☐ CP-51 VOCs

☐ Other (list parameters below)

☐ CP-51 VOCs & SVOCs

☒ Full List TCL VOCs, SVOCs, Metals, Mercury, PCBs and Pesticides

WELL PURGE LOG

LiRo Engineers, Inc.

Project Title: NYSDEC I&R - Niagara station

Well Number: LPZ-04S

Site Name: Niagara Sanitation- 7415 Nash Rd

Date: 10/29/2021

Staff: A.Koons, R.Cich

Time: 15:10

(sample collected)

A). Total casing and screen length in feet:	9.07	Well ID	Volume (gal/ft)
		1"	0.04
B). Water level below top of casing in feet:	3.80	2"	0.17
		3"	0.38
C). Number of feet standing water [A-B]:	5.27	4"	0.66
		5"	1.04
D). Volume of water/foot of casing (gal.):	0.17	6"	1.50
		8"	2.60
E). Volume of water in casing (gal. [Cx D]):	0.8959		
F). Volume of water to remove (gal.) [Ex 3]:	2.6877		
G). Volume of water actually removed (gal.):	5.00		

PURGE DATA

Time	Temperature (°C)	pH	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Dissolved Oxygen %	Appearance
14:33	14.28	7.39	64	2.620	75.0	5.54	NR	clear
14:39	14.39	7.48	61	2.610	46.8	2.50	NR	clear
14:44	14.55	7.33	0	2.600	16.1	1.49	NR	clear
14:49	14.63	7.11	-47	2.560	8.9	0.00	NR	clear
14:56	14.53	7.33	-47	1.410	44.3	3.72	NR	clear
15:02	14.58	7.25	-42	1.980	22.9	2.96	NR	clear

Comments:

Sampling ID: NS-LPZ04S-GW

Sampling Parameters:

(check one)

☐ CP-51 VOCs

☐ Other (list parameters below)

☐ CP-51 VOCs & SVOCs

☒ Full List TCL VOCs, SVOCs, Metals, Mercury, PCBs and Pesticides

WELL PURGE LOG

LiRo Engineers, Inc.

Project Title: NYSDEC I&R - Niagara station

Well Number: LPZ-05S

Site Name: Niagara Sanitation- 7415 Nash Rd

Date: 11/2/2021

Staff: J. Williams, A. Kolpinski

Time: 11:55

(sample collected)

A). Total casing and screen length in feet:	9.44	Well ID	Volume (gal/ft)
		1"	0.04
B). Water level below top of casing in feet:	4.12	2"	0.17
		3"	0.38
C). Number of feet standing water [A-B]:	5.32	4"	0.66
		5"	1.04
D). Volume of water/foot of casing (gal.):	0.17	6"	1.50
		8"	2.60
E). Volume of water in casing (gal. [Cx D]):	0.9044		
F). Volume of water to remove (gal.) [Ex 3]:	2.7132		
G). Volume of water actually removed (gal.):	5.00		

PURGE DATA

Time	Temperature (°C)	pH	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Dissolved Oxygen %	Appearance
11:19	10.14	7.17	8	1.090	98.9	2.76	NR	clear
11:25	11.98	6.79	-58	0.757	63.9	3.55	NR	clear
11:29	12.69	6.90	-28	0.707	41.2	3.50	NR	clear
11:36	13.23	6.80	-8	1.160	13.3	0.00	NR	clear
11:42	13.2	6.76	-7	1.190	17.7	3.56	NR	clear
11:49	13.46	6.74	-12	1.180	14.1	0.93	NR	clear

Comments:

Sampling ID: NS-LPZ05S-GW

Sampling Parameters:

(check one)

☐ CP-51 VOCs

☐ Other (list parameters below)

☐ CP-51 VOCs & SVOCs

☒ Full List TCL VOCs, SVOCs, Metals, Mercury, PCBs and Pesticides

WELL PURGE LOG

LiRo Engineers, Inc.

Project Title: NYSDEC I&R - Niagara station

Well Number: LPZ-06S

Site Name: Niagara Sanitation- 7415 Nash Rd

Date: 11/4/2021

Staff: J. Williams, A. Kolpinski

Time: 10:00
(sample collected)

A). Total casing and screen length in feet:	10.90	Well ID	Volume (gal/ft)
		1"	0.04
B). Water level below top of casing in feet:	4.88	2"	0.17
		3"	0.38
C). Number of feet standing water [A-B]:	6.02	4"	0.66
		5"	1.04
D). Volume of water/foot of casing (gal.):	0.17	6"	1.50
		8"	2.60
E). Volume of water in casing (gal. [Cx D]):	1.0234		
F). Volume of water to remove (gal.) [Ex 3]:	3.0702		
G). Volume of water actually removed (gal.):	5.00		

PURGE DATA

Time	Temperature (°C)	pH	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Dissolved Oxygen %	Appearance
9:24	10.20	7.96	-31	1.300	19.7	1.59	NR	clear
9:30	11.42	6.84	14	0.861	48.4	3.72	NR	clear
9:36	11.72	6.84	17	0.607	53.1	4.06	NR	clear
9:43	12.51	6.75	28	0.968	34.5	3.37	NR	clear
9:52	12.91	6.58	41	1.180	8.3	0.00	NR	clear
9:57	13.33	6.45	48	1.190	7.6	0.00	NR	clear

Comments:

Sampling ID: NS-LPZ06S-GW

Sampling Parameters:

(check one)

☐ CP-51 VOCs

☐ Other (list parameters below)

☐ CP-51 VOCs & SVOCs

☒ Full List TCL VOCs, SVOCs, Metals, Mercury, PCBs and Pesticides

WELL PURGE LOG

LiRo Engineers, Inc.

Project Title: NYSDEC I&R - Niagara station

Well Number: LPZ-07S

Site Name: Niagara Sanitation- 7415 Nash Rd

Date: 11/2/2021

Staff: J. Williams, A. Kolpinski

Time: 10:35

(sample collected)

A). Total casing and screen length in feet:	9.90	Well ID	Volume (gal/ft)
		1"	0.04
B). Water level below top of casing in feet:	4.79	2"	0.17
		3"	0.38
C). Number of feet standing water [A-B]:	5.11	4"	0.66
		5"	1.04
D). Volume of water/foot of casing (gal.):	0.17	6"	1.50
		8"	2.60
E). Volume of water in casing (gal. [Cx D]):	0.8687		
F). Volume of water to remove (gal.) [Ex 3]:	2.6061		
G). Volume of water actually removed (gal.):	5.00		

PURGE DATA

Time	Temperature (°C)	pH	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Dissolved Oxygen %	Appearance
10:01	10.28	7.40	101	2.730	459.0	3.49	NR	clear
10:10	11.64	6.75	-52	2.190	59.6	3.29	NR	clear
10:14	12.14	6.78	-57	1.730	40.2	3.22	NR	clear
10:19	12.96	6.73	-40	1.640	13.9	0.00	NR	clear
10:24	12.91	6.59	-24	1.450	14.5	1.26	NR	clear
10:29	12.66	6.61	-17	1.210	20.6	2.52	NR	clear

Comments:

Sampling ID: NS-LPZ07S-GW

Sampling Parameters:

(check one)

☐ CP-51 VOCs

☐ Other (list parameters below)

☐ CP-51 VOCs & SVOCs

☒ Full List TCL VOCs, SVOCs, Metals, Mercury, PCBs and Pesticides

WELL PURGE LOG

LiRo Engineers, Inc.

Project Title: NYSDEC I&R - Niagara station

Well Number: LPZ-08S

Site Name: Niagara Sanitation- 7415 Nash Rd

Date: 11/2/2021

Staff: J. Williams, A. Kolpinski

Time: 14:20

(sample collected)

A). Total casing and screen length in feet:	7.20	Well ID	Volume (gal/ft)
		1"	0.04
B). Water level below top of casing in feet:	4.50	2"	0.17
		3"	0.38
C). Number of feet standing water [A-B]:	2.70	4"	0.66
		5"	1.04
D). Volume of water/foot of casing (gal.):	0.17	6"	1.50
		8"	2.60
E). Volume of water in casing (gal. [CxD]):	0.459		
F). Volume of water to remove (gal.) [Ex3]:	1.377		
G). Volume of water actually removed (gal.):	5.00		

PURGE DATA

Time	Temperature (°C)	pH	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Dissolved Oxygen %	Appearance
13:44	10.89	7.83	77	2.160	254.0	6.47	NR	clear
13:51	12.52	6.84	-66	2.080	67.0	3.66	NR	clear
13:55	13.08	6.66	-63	2.570	18.9	2.72	NR	clear
14:04	13.18	6.59	-59	2.720	11.6	1.91	NR	clear
14:10	13.25	6.58	-62	1.850	42.1	2.62	NR	clear
14:14	13.24	6.59	-60	2.140	23.7	3.00	NR	clear

Comments: battery was dying, leachate odor from well

Sampling ID: NS-LPZ08S-GW

Sampling Parameters:

(check one)

☐ CP-51 VOCs

☐ Other (list parameters below)

☐ CP-51 VOCs & SVOCs

☒ Full List TCL VOCs, SVOCs, Metals, Mercury, PCBs and Pesticides

WELL PURGE LOG

LiRo Engineers, Inc.

Project Title: NYSDEC I&R - Niagara station

Well Number: LPZ-11S

Site Name: Niagara Sanitation- 7415 Nash Rd

Date: 11/1/2021

Staff: J. Williams, A. Kolpinski

Time: 14:00

(sample collected)

A). Total casing and screen length in feet:	9.82	Well ID	Volume (gal/ft)
		1"	0.04
B). Water level below top of casing in feet:	4.72	2"	0.17
		3"	0.38
C). Number of feet standing water [A-B]:	5.10	4"	0.66
		5"	1.04
D). Volume of water/foot of casing (gal.):	0.17	6"	1.50
		8"	2.60
E). Volume of water in casing (gal. [CxD]):	0.867		
F). Volume of water to remove (gal.) [Ex3]:	2.601		
G). Volume of water actually removed (gal.):	5.00		

PURGE DATA

Time	Temperature (°C)	pH	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Dissolved Oxygen %	Appearance
13:28	13.77	7.67	42	1.050	68.1	3.96	NR	clear
13:34	13.64	6.96	-54	1.140	8.2	0.00	NR	clear
13:39	13.65	6.97	-5	1.130	6.5	0.20	NR	clear
13:45	13.56	6.89	15	1.060	11.1	2.35	NR	clear
13:51	13.59	6.89	28	0.787	30.7	3.33	NR	clear
13:57	13.59	6.97	30	0.895	21.4	3.28	NR	clear

Comments:

Sampling ID: NS-LPZ11S-GW

Sampling Parameters:

(check one)

☐ CP-51 VOCs

☐ Other (list parameters below)

☐ CP-51 VOCs & SVOCs

☒ Full List TCL VOCs, SVOCs, Metals, Mercury, PCBs and Pesticides

WELL PURGE LOG

LiRo Engineers, Inc.

Project Title: NYSDEC I&R - Niagara station

Well Number: LPZ-12S

Site Name: Niagara Sanitation- 7415 Nash Rd

Date: 11/5/2021

Staff: J. Williams, A. Kolpinski

Time: 10:00

(sample collected)

A). Total casing and screen length in feet:	10.15	Well ID	Volume (gal/ft)
		1"	0.04
B). Water level below top of casing in feet:	4.64	2"	0.17
		3"	0.38
C). Number of feet standing water [A-B]:	5.51	4"	0.66
		5"	1.04
D). Volume of water/foot of casing (gal.):	0.17	6"	1.50
		8"	2.60
E). Volume of water in casing (gal. [Cx D]):	0.9367		
F). Volume of water to remove (gal.) [Ex 3]:	2.8101		
G). Volume of water actually removed (gal.):	4.00		

PURGE DATA

Time	Temperature (°C)	pH	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Dissolved Oxygen %	Appearance
9:28	8.89	7.21	16	0.825	103.0	2.98	NR	clear
9:35	11.53	6.59	-37	0.862	203.0	2.24	NR	clear
9:40	12.04	6.43	-38	0.956	22.8	1.32	NR	clear
9:49	11.18	6.65	-50	0.889	46.9	1.66	NR	clear
9:57	11.56	6.71	-53	0.882	48.6	3.68	NR	clear

Comments:

Sampling ID: NS-LPZ12S-GW

Sampling Parameters:

(check one)

☐ CP-51 VOCs

☐ Other (list parameters below)

☐ CP-51 VOCs & SVOCs

☒ Full List TCL VOCs, SVOCs, Metals, Mercury, PCBs and Pesticides

WELL PURGE LOG

LiRo Engineers, Inc.

Project Title: NYSDEC I&R - Niagara station

Well Number: LPZ-14S

Site Name: Niagara Sanitation- 7415 Nash Rd

Date: 11/8/2021

Staff: J. Williams, A. Kolpinski

Time: 9:00

(sample collected)

A). Total casing and screen length in feet:	11.90	Well ID	Volume (gal/ft)
		1"	0.04
B). Water level below top of casing in feet:	6.97	2"	0.17
		3"	0.38
C). Number of feet standing water [A-B]:	4.93	4"	0.66
		5"	1.04
D). Volume of water/foot of casing (gal.):	0.17	6"	1.50
		8"	2.60
E). Volume of water in casing (gal. [Cx D]):	0.8381		
F). Volume of water to remove (gal.) [Ex 3]:	2.5143		
G). Volume of water actually removed (gal.):	5.00		

PURGE DATA

Time	Temperature (°C)	pH	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Dissolved Oxygen %	Appearance
8:25	10.24	7.78	105	1.360	509.0	37.87	NR	clear
8:32	11.3	6.34	67	0.657	206.0	3.39	NR	clear
8:36	12.22	6.30	51	0.799	111.0	4.07	NR	clear
8:43	13.21	6.15	31	0.900	45.2	2.84	NR	clear
8:48	13.12	6.26	18	0.760	49.9	3.94	NR	clear
8:57	13.48	6.24	7	0.769	45.4	4.07	NR	clear

Comments:

Sampling ID: NS-LPZ14S-GW

Sampling Parameters:

(check one)

☐ CP-51 VOCs

☐ Other (list parameters below)

☐ CP-51 VOCs & SVOCs

☒ Full List TCL VOCs, SVOCs, Metals, Mercury, PCBs and Pesticides

WELL PURGE LOG

LiRo Engineers, Inc.

Project Title: NYSDEC I&R - Niagara station

Well Number: LPZ-15S

Site Name: Niagara Sanitation- 7415 Nash Rd

Date: 11/8/2021

Staff: J. Williams, A. Kolpinski

Time: 10:10
(sample collected)

A). Total casing and screen length in feet:	10.97	Well ID	Volume (gal/ft)
		1"	0.04
B). Water level below top of casing in feet:	5.10	2"	0.17
		3"	0.38
C). Number of feet standing water [A-B]:	5.87	4"	0.66
		5"	1.04
D). Volume of water/foot of casing (gal.):	0.17	6"	1.50
		8"	2.60
E). Volume of water in casing (gal. [CxD]):	0.9979		
F). Volume of water to remove (gal.) [Ex3]:	2.9937		
G). Volume of water actually removed (gal.):	6.00		

PURGE DATA

Time	Temperature (°C)	pH	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Dissolved Oxygen %	Appearance
9:18	12.96	7.78	23	0.602	288.0	4.65	NR	clear
9:24	13.11	6.45	-3	0.780	158.0	3.94	NR	clear
9:29	13.22	6.43	-22	1.070	65.9	3.55	NR	clear
9:37	13.28	6.31	-31	0.777	54.7	3.84	NR	clear
9:45	13.49	6.32	-42	1.290	11.1	3.70	NR	clear
9:53	13.54	6.92	-48	0.770	46.4	3.63	NR	clear
10:00	13.71	6.55	-56	0.632	60.2	3.72	NR	clear

Comments:

Sampling ID: NS-LPZ15S-GW

Sampling Parameters:

(check one)

☐ CP-51 VOCs ☐ Other (list parameters below)

☐ CP-51 VOCs & SVOCs _____

☒ Full List TCL VOCs, SVOCs, Metals, Mercury, PCBs and Pesticides

LDP Series Wells

WELL PURGE LOG

LiRo Engineers, Inc.

Project Title: NYSDEC I&R - Niagara station

Well Number: LDP-01

Site Name: Niagara Sanitation- 7415 Nash Rd

Date: 11/3/2021

Staff: J. Williams, A. Kolpinski

Time: 9:10
(sample collected)

A). Total casing and screen length in feet:	7.80	Well ID	Volume (gal/ft)
		1"	0.04
B). Water level below top of casing in feet:	4.07	2"	0.17
		3"	0.38
C). Number of feet standing water [A-B]:	3.73	4"	0.66
		5"	1.04
D). Volume of water/foot of casing (gal.):	0.17	6"	1.50
		8"	2.60
E). Volume of water in casing (gal. [Cx D]):	0.6341		
F). Volume of water to remove (gal.) [Ex 3]:	1.9023		
G). Volume of water actually removed (gal.):	0.50		

PURGE DATA

Time	Temperature (°C)	pH	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Dissolved Oxygen %	Appearance
8:53	7.04	8.20	120	1.480	1000.0	3.65	NR	clear
9:02	9.44	7.04	104	0.669	136.0	3.41	NR	clear

Comments: well going dry after 0.5 gal

Sampling ID: NS-LDP01-GW

Sampling Parameters:

(check one)

☐ CP-51 VOCs

☐ Other (list parameters below)

☐ CP-51 VOCs & SVOCs

☒ Full List TCL VOCs, SVOCs, Metals, Mercury, PCBs and Pesticides

WELL PURGE LOG

LiRo Engineers, Inc.

Project Title: NYSDEC I&R - Niagara station

Well Number: LDP-03

Site Name: Niagara Sanitation- 7415 Nash Rd

Date: 11/3/2021

Staff: J. Williams, A. Kolpinski

Time: 9:50
(sample collected)

A). Total casing and screen length in feet:	7.60	Well ID	Volume (gal/ft)
		1"	0.04
B). Water level below top of casing in feet:	4.60	2"	0.17
		3"	0.38
C). Number of feet standing water [A-B]:	3.00	4"	0.66
		5"	1.04
D). Volume of water/foot of casing (gal.):	0.17	6"	1.50
		8"	2.60
E). Volume of water in casing (gal. [CxD]):	0.51		
F). Volume of water to remove (gal.) [Ex3]:	1.53		
G). Volume of water actually removed (gal.):	0.50		

PURGE DATA

Time	Temperature (°C)	pH	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Dissolved Oxygen %	Appearance
9:34	8.20	7.34	126	0.698	640.0	3.87	NR	clear
9:43	10.11	6.93	114	0.741	102.0	3.27	NR	clear

Comments: well went dry

Sampling ID: NS-LDP03-GW

Sampling Parameters:
(check one)

☐ CP-51 VOCs

☐ Other (list parameters below)

☐ CP-51 VOCs & SVOCs

☒ Full List TCL VOCs, SVOCs, Metals, Mercury, PCBs and Pesticides

WELL PURGE LOG

LiRo Engineers, Inc.

Project Title: NYSDEC I&R - Niagara station

Well Number: LDP-04

Site Name: Niagara Sanitation- 7415 Nash Rd

Date: 11/3/2021

Staff: J. Williams, A. Kolpinski

Time: 10:35
(sample collected)

A). Total casing and screen length in feet:	8.65	Well ID	Volume (gal/ft)
		1"	0.04
B). Water level below top of casing in feet:	6.40	2"	0.17
		3"	0.38
C). Number of feet standing water [A-B]:	2.25	4"	0.66
		5"	1.04
D). Volume of water/foot of casing (gal.):	0.17	6"	1.50
		8"	2.60
E). Volume of water in casing (gal. [Cx D]):	0.3825		
F). Volume of water to remove (gal.) [Ex3]:	1.1475		
G). Volume of water actually removed (gal.):	0.50		

PURGE DATA

Time	Temperature (°C)	pH	ORP (mV)	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Dissolved Oxygen %	Appearance
10:18	9.01	7.31	134	0.833	545.0	3.52	NR	clear
10:27	10.58	7.18	150	1.360	448.0	2.60	NR	clear

Comments: well went dry. Bailer used to purge. Very low flow used to sample

Sampling ID: NS-LDP04-GW

Sampling Parameters:
(check one)

☐ CP-51 VOCs

☐ Other (list parameters below)

☐ CP-51 VOCs & SVOCs

☒ Full List TCL VOCs, SVOCs, Metals, Mercury, PCBs and Pesticides

APPENDIX C

2021 LAB REPORTS

2021 Lab Reports

Soil/Fill

Boring LPZ-14S

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191099-1

Client Sample ID: LPZ-14S (2-5)

Lab Sample ID: 480-191099-2

Date Collected: 10/19/21 11:45

Matrix: Solid

Date Received: 10/19/21 15:25

Percent Solids: 84.4

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.9	0.43	ug/Kg	✱	10/20/21 16:50	10/21/21 00:01	1
1,1,2,2-Tetrachloroethane	ND	vs	5.9	0.96	ug/Kg	✱	10/20/21 16:50	10/21/21 00:01	1
1,1,2-Trichloroethane	ND	vs	5.9	0.77	ug/Kg	✱	10/20/21 16:50	10/21/21 00:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.9	1.3	ug/Kg	✱	10/20/21 16:50	10/21/21 00:01	1
1,1-Dichloroethane	ND	vs	5.9	0.72	ug/Kg	✱	10/20/21 16:50	10/21/21 00:01	1
1,1-Dichloroethene	ND	vs	5.9	0.72	ug/Kg	✱	10/20/21 16:50	10/21/21 00:01	1
1,2,4-Trichlorobenzene	ND	vs	5.9	0.36	ug/Kg	✱	10/20/21 16:50	10/21/21 00:01	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.9	3.0	ug/Kg	✱	10/20/21 16:50	10/21/21 00:01	1
1,2-Dibromoethane	ND	vs	5.9	0.76	ug/Kg	✱	10/20/21 16:50	10/21/21 00:01	1
1,2-Dichlorobenzene	ND	vs	5.9	0.46	ug/Kg	✱	10/20/21 16:50	10/21/21 00:01	1
1,2-Dichloroethane	ND	vs	5.9	0.30	ug/Kg	✱	10/20/21 16:50	10/21/21 00:01	1
1,2-Dichloropropane	ND	vs	5.9	3.0	ug/Kg	✱	10/20/21 16:50	10/21/21 00:01	1
1,3-Dichlorobenzene	ND	vs	5.9	0.30	ug/Kg	✱	10/20/21 16:50	10/21/21 00:01	1
1,4-Dichlorobenzene	ND	vs	5.9	0.83	ug/Kg	✱	10/20/21 16:50	10/21/21 00:01	1
2-Hexanone	ND	vs	30	3.0	ug/Kg	✱	10/20/21 16:50	10/21/21 00:01	1
2-Butanone (MEK)	ND	vs	30	2.2	ug/Kg	✱	10/20/21 16:50	10/21/21 00:01	1
4-Methyl-2-pentanone (MIBK)	ND	vs	30	1.9	ug/Kg	✱	10/20/21 16:50	10/21/21 00:01	1
Acetone	ND	vs	30	5.0	ug/Kg	✱	10/20/21 16:50	10/21/21 00:01	1
Benzene	ND	vs	5.9	0.29	ug/Kg	✱	10/20/21 16:50	10/21/21 00:01	1
Bromodichloromethane	ND	vs	5.9	0.79	ug/Kg	✱	10/20/21 16:50	10/21/21 00:01	1
Bromoform	ND	vs	5.9	3.0	ug/Kg	✱	10/20/21 16:50	10/21/21 00:01	1
Bromomethane	ND	vs	5.9	0.53	ug/Kg	✱	10/20/21 16:50	10/21/21 00:01	1
Carbon disulfide	ND	vs	5.9	3.0	ug/Kg	✱	10/20/21 16:50	10/21/21 00:01	1
Carbon tetrachloride	ND	vs	5.9	0.57	ug/Kg	✱	10/20/21 16:50	10/21/21 00:01	1
Chlorobenzene	ND	vs	5.9	0.78	ug/Kg	✱	10/20/21 16:50	10/21/21 00:01	1
Dibromochloromethane	ND	vs	5.9	0.76	ug/Kg	✱	10/20/21 16:50	10/21/21 00:01	1
Chloroethane	ND	vs	5.9	1.3	ug/Kg	✱	10/20/21 16:50	10/21/21 00:01	1
Chloroform	ND	vs	5.9	0.37	ug/Kg	✱	10/20/21 16:50	10/21/21 00:01	1
Chloromethane	ND	vs	5.9	0.36	ug/Kg	✱	10/20/21 16:50	10/21/21 00:01	1
cis-1,2-Dichloroethene	ND	vs	5.9	0.76	ug/Kg	✱	10/20/21 16:50	10/21/21 00:01	1
cis-1,3-Dichloropropene	ND	vs	5.9	0.85	ug/Kg	✱	10/20/21 16:50	10/21/21 00:01	1
Cyclohexane	ND	vs	5.9	0.83	ug/Kg	✱	10/20/21 16:50	10/21/21 00:01	1
Dichlorodifluoromethane	ND	vs	5.9	0.49	ug/Kg	✱	10/20/21 16:50	10/21/21 00:01	1
Ethylbenzene	ND	vs	5.9	0.41	ug/Kg	✱	10/20/21 16:50	10/21/21 00:01	1
Isopropylbenzene	ND	vs	5.9	0.89	ug/Kg	✱	10/20/21 16:50	10/21/21 00:01	1
Methyl acetate	ND	vs	30	3.6	ug/Kg	✱	10/20/21 16:50	10/21/21 00:01	1
Methyl tert-butyl ether	ND	vs	5.9	0.58	ug/Kg	✱	10/20/21 16:50	10/21/21 00:01	1
Methylcyclohexane	ND	vs	5.9	0.90	ug/Kg	✱	10/20/21 16:50	10/21/21 00:01	1
Methylene Chloride	ND	vs	5.9	2.7	ug/Kg	✱	10/20/21 16:50	10/21/21 00:01	1
Styrene	ND	vs	5.9	0.30	ug/Kg	✱	10/20/21 16:50	10/21/21 00:01	1
Tetrachloroethene	ND	vs	5.9	0.79	ug/Kg	✱	10/20/21 16:50	10/21/21 00:01	1
Toluene	ND	vs	5.9	0.45	ug/Kg	✱	10/20/21 16:50	10/21/21 00:01	1
trans-1,2-Dichloroethene	ND	vs	5.9	0.61	ug/Kg	✱	10/20/21 16:50	10/21/21 00:01	1
trans-1,3-Dichloropropene	ND	vs	5.9	2.6	ug/Kg	✱	10/20/21 16:50	10/21/21 00:01	1
Trichloroethene	ND	vs	5.9	1.3	ug/Kg	✱	10/20/21 16:50	10/21/21 00:01	1
Trichlorofluoromethane	ND	vs	5.9	0.56	ug/Kg	✱	10/20/21 16:50	10/21/21 00:01	1
Vinyl chloride	ND	vs	5.9	0.72	ug/Kg	✱	10/20/21 16:50	10/21/21 00:01	1
Xylenes, Total	ND	vs	12	0.99	ug/Kg	✱	10/20/21 16:50	10/21/21 00:01	1

Euofins Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191099-1

Client Sample ID: LPZ-14S (2-5)

Lab Sample ID: 480-191099-2

Date Collected: 10/19/21 11:45

Matrix: Solid

Date Received: 10/19/21 15:25

Percent Solids: 84.4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		64 - 126	10/20/21 16:50	10/21/21 00:01	1
Toluene-d8 (Surr)	98		71 - 125	10/20/21 16:50	10/21/21 00:01	1
4-Bromofluorobenzene (Surr)	94		72 - 126	10/20/21 16:50	10/21/21 00:01	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		200	29	ug/Kg	☆	10/20/21 13:55	10/21/21 21:38	1
bis (2-chloroisopropyl) ether	ND		200	40	ug/Kg	☆	10/20/21 13:55	10/21/21 21:38	1
2,4,5-Trichlorophenol	ND		200	54	ug/Kg	☆	10/20/21 13:55	10/21/21 21:38	1
2,4,6-Trichlorophenol	ND		200	40	ug/Kg	☆	10/20/21 13:55	10/21/21 21:38	1
2,4-Dichlorophenol	ND		200	21	ug/Kg	☆	10/20/21 13:55	10/21/21 21:38	1
2,4-Dimethylphenol	ND		200	48	ug/Kg	☆	10/20/21 13:55	10/21/21 21:38	1
2,4-Dinitrophenol	ND		1900	920	ug/Kg	☆	10/20/21 13:55	10/21/21 21:38	1
2,4-Dinitrotoluene	ND		200	41	ug/Kg	☆	10/20/21 13:55	10/21/21 21:38	1
2,6-Dinitrotoluene	ND		200	23	ug/Kg	☆	10/20/21 13:55	10/21/21 21:38	1
2-Chloronaphthalene	ND		200	33	ug/Kg	☆	10/20/21 13:55	10/21/21 21:38	1
2-Chlorophenol	ND		390	36	ug/Kg	☆	10/20/21 13:55	10/21/21 21:38	1
2-Methylnaphthalene	ND		200	40	ug/Kg	☆	10/20/21 13:55	10/21/21 21:38	1
2-Methylphenol	ND		200	23	ug/Kg	☆	10/20/21 13:55	10/21/21 21:38	1
2-Nitroaniline	ND		390	29	ug/Kg	☆	10/20/21 13:55	10/21/21 21:38	1
2-Nitrophenol	ND		200	56	ug/Kg	☆	10/20/21 13:55	10/21/21 21:38	1
3,3'-Dichlorobenzidine	ND		390	230	ug/Kg	☆	10/20/21 13:55	10/21/21 21:38	1
3-Nitroaniline	ND		390	55	ug/Kg	☆	10/20/21 13:55	10/21/21 21:38	1
4,6-Dinitro-2-methylphenol	ND		390	200	ug/Kg	☆	10/20/21 13:55	10/21/21 21:38	1
4-Bromophenyl phenyl ether	ND		200	28	ug/Kg	☆	10/20/21 13:55	10/21/21 21:38	1
4-Chloro-3-methylphenol	ND		200	49	ug/Kg	☆	10/20/21 13:55	10/21/21 21:38	1
4-Chloroaniline	ND		200	49	ug/Kg	☆	10/20/21 13:55	10/21/21 21:38	1
4-Chlorophenyl phenyl ether	ND		200	25	ug/Kg	☆	10/20/21 13:55	10/21/21 21:38	1
4-Methylphenol	ND		390	23	ug/Kg	☆	10/20/21 13:55	10/21/21 21:38	1
4-Nitroaniline	ND		390	100	ug/Kg	☆	10/20/21 13:55	10/21/21 21:38	1
4-Nitrophenol	ND		390	140	ug/Kg	☆	10/20/21 13:55	10/21/21 21:38	1
Acenaphthene	ND		200	29	ug/Kg	☆	10/20/21 13:55	10/21/21 21:38	1
Acenaphthylene	ND		200	26	ug/Kg	☆	10/20/21 13:55	10/21/21 21:38	1
Acetophenone	ND		200	27	ug/Kg	☆	10/20/21 13:55	10/21/21 21:38	1
Anthracene	ND		200	49	ug/Kg	☆	10/20/21 13:55	10/21/21 21:38	1
Atrazine	ND		200	69	ug/Kg	☆	10/20/21 13:55	10/21/21 21:38	1
Benzaldehyde	ND		200	160	ug/Kg	☆	10/20/21 13:55	10/21/21 21:38	1
Benzo(a)anthracene	ND		200	20	ug/Kg	☆	10/20/21 13:55	10/21/21 21:38	1
Benzo(a)pyrene	ND		200	29	ug/Kg	☆	10/20/21 13:55	10/21/21 21:38	1
Benzo(b)fluoranthene	ND		200	32	ug/Kg	☆	10/20/21 13:55	10/21/21 21:38	1
Benzo(g,h,i)perylene	ND		200	21	ug/Kg	☆	10/20/21 13:55	10/21/21 21:38	1
Benzo(k)fluoranthene	ND	+	200	26	ug/Kg	☆	10/20/21 13:55	10/21/21 21:38	1
Bis(2-chloroethoxy)methane	ND		200	42	ug/Kg	☆	10/20/21 13:55	10/21/21 21:38	1
Bis(2-chloroethyl)ether	ND		200	26	ug/Kg	☆	10/20/21 13:55	10/21/21 21:38	1
Bis(2-ethylhexyl) phthalate	170	J	200	68	ug/Kg	☆	10/20/21 13:55	10/21/21 21:38	1
Butyl benzyl phthalate	250		200	33	ug/Kg	☆	10/20/21 13:55	10/21/21 21:38	1
Caprolactam	ND	+	200	60	ug/Kg	☆	10/20/21 13:55	10/21/21 21:38	1
Carbazole	ND		200	23	ug/Kg	☆	10/20/21 13:55	10/21/21 21:38	1
Chrysene	ND		200	44	ug/Kg	☆	10/20/21 13:55	10/21/21 21:38	1
Di-n-butyl phthalate	ND		200	34	ug/Kg	☆	10/20/21 13:55	10/21/21 21:38	1

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Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191099-1

Client Sample ID: LPZ-14S (2-5)

Lab Sample ID: 480-191099-2

Date Collected: 10/19/21 11:45

Matrix: Solid

Date Received: 10/19/21 15:25

Percent Solids: 84.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		200	23	ug/Kg	✱	10/20/21 13:55	10/21/21 21:38	1
Dibenz(a,h)anthracene	ND		200	35	ug/Kg	✱	10/20/21 13:55	10/21/21 21:38	1
Dibenzofuran	ND		200	23	ug/Kg	✱	10/20/21 13:55	10/21/21 21:38	1
Diethyl phthalate	ND		200	26	ug/Kg	✱	10/20/21 13:55	10/21/21 21:38	1
Dimethyl phthalate	ND		200	23	ug/Kg	✱	10/20/21 13:55	10/21/21 21:38	1
Fluoranthene	ND		200	21	ug/Kg	✱	10/20/21 13:55	10/21/21 21:38	1
Fluorene	ND		200	23	ug/Kg	✱	10/20/21 13:55	10/21/21 21:38	1
Hexachlorobenzene	ND		200	27	ug/Kg	✱	10/20/21 13:55	10/21/21 21:38	1
Hexachlorobutadiene	ND		200	29	ug/Kg	✱	10/20/21 13:55	10/21/21 21:38	1
Hexachlorocyclopentadiene	ND		200	27	ug/Kg	✱	10/20/21 13:55	10/21/21 21:38	1
Hexachloroethane	ND		200	26	ug/Kg	✱	10/20/21 13:55	10/21/21 21:38	1
Indeno(1,2,3-cd)pyrene	ND		200	25	ug/Kg	✱	10/20/21 13:55	10/21/21 21:38	1
Isophorone	ND		200	42	ug/Kg	✱	10/20/21 13:55	10/21/21 21:38	1
N-Nitrosodi-n-propylamine	ND		200	34	ug/Kg	✱	10/20/21 13:55	10/21/21 21:38	1
N-Nitrosodiphenylamine	ND		200	160	ug/Kg	✱	10/20/21 13:55	10/21/21 21:38	1
Naphthalene	ND		200	26	ug/Kg	✱	10/20/21 13:55	10/21/21 21:38	1
Nitrobenzene	ND		200	22	ug/Kg	✱	10/20/21 13:55	10/21/21 21:38	1
Pentachlorophenol	ND		390	200	ug/Kg	✱	10/20/21 13:55	10/21/21 21:38	1
Phenanthrene	ND		200	29	ug/Kg	✱	10/20/21 13:55	10/21/21 21:38	1
Phenol	ND		200	30	ug/Kg	✱	10/20/21 13:55	10/21/21 21:38	1
Pyrene	ND		200	23	ug/Kg	✱	10/20/21 13:55	10/21/21 21:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	94		54 - 120	10/20/21 13:55	10/21/21 21:38	1
2-Fluorobiphenyl	96		60 - 120	10/20/21 13:55	10/21/21 21:38	1
2-Fluorophenol	83		52 - 120	10/20/21 13:55	10/21/21 21:38	1
Nitrobenzene-d5	88		53 - 120	10/20/21 13:55	10/21/21 21:38	1
p-Terphenyl-d14	108		79 - 130	10/20/21 13:55	10/21/21 21:38	1
Phenol-d5	89		54 - 120	10/20/21 13:55	10/21/21 21:38	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		2.0	0.38	ug/Kg	✱	10/21/21 07:52	10/21/21 15:44	1
4,4'-DDE	ND		2.0	0.41	ug/Kg	✱	10/21/21 07:52	10/21/21 15:44	1
4,4'-DDT	ND	*+	2.0	0.46	ug/Kg	✱	10/21/21 07:52	10/21/21 15:44	1
Aldrin	ND		2.0	0.48	ug/Kg	✱	10/21/21 07:52	10/21/21 15:44	1
alpha-BHC	ND		2.0	0.35	ug/Kg	✱	10/21/21 07:52	10/21/21 15:44	1
cis-Chlordane	ND	*1	2.0	0.98	ug/Kg	✱	10/21/21 07:52	10/21/21 15:44	1
beta-BHC	ND		2.0	0.35	ug/Kg	✱	10/21/21 07:52	10/21/21 15:44	1
delta-BHC	ND		2.0	0.37	ug/Kg	✱	10/21/21 07:52	10/21/21 15:44	1
Dieldrin	ND	*1	2.0	0.47	ug/Kg	✱	10/21/21 07:52	10/21/21 15:44	1
Endosulfan I	ND		2.0	0.38	ug/Kg	✱	10/21/21 07:52	10/21/21 15:44	1
Endosulfan II	ND	*+	2.0	0.35	ug/Kg	✱	10/21/21 07:52	10/21/21 15:44	1
Endosulfan sulfate	ND	*1	2.0	0.37	ug/Kg	✱	10/21/21 07:52	10/21/21 15:44	1
Endrin	ND		2.0	0.39	ug/Kg	✱	10/21/21 07:52	10/21/21 15:44	1
Endrin aldehyde	22		2.0	0.50	ug/Kg	✱	10/21/21 07:52	10/21/21 15:44	1
Endrin ketone	0.50	J *1	2.0	0.48	ug/Kg	✱	10/21/21 07:52	10/21/21 15:44	1
gamma-BHC (Lindane)	ND		2.0	0.36	ug/Kg	✱	10/21/21 07:52	10/21/21 15:44	1
trans-Chlordane	ND	*1	2.0	0.62	ug/Kg	✱	10/21/21 07:52	10/21/21 15:44	1
Heptachlor	ND		2.0	0.43	ug/Kg	✱	10/21/21 07:52	10/21/21 15:44	1

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Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191099-1

Client Sample ID: LPZ-14S (2-5)

Lab Sample ID: 480-191099-2

Date Collected: 10/19/21 11:45

Matrix: Solid

Date Received: 10/19/21 15:25

Percent Solids: 84.4

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		2.0	0.51	ug/Kg	✱	10/21/21 07:52	10/21/21 15:44	1
Methoxychlor	ND	++	2.0	0.40	ug/Kg	✱	10/21/21 07:52	10/21/21 15:44	1
Toxaphene	ND		20	11	ug/Kg	✱	10/21/21 07:52	10/21/21 15:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	81		45 - 120	10/21/21 07:52	10/21/21 15:44	1
DCB Decachlorobiphenyl	80		45 - 120	10/21/21 07:52	10/21/21 15:44	1
Tetrachloro-m-xylene	88		30 - 124	10/21/21 07:52	10/21/21 15:44	1
Tetrachloro-m-xylene	81		30 - 124	10/21/21 07:52	10/21/21 15:44	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.22	0.043	mg/Kg	✱	10/21/21 14:09	10/25/21 17:22	1
PCB-1221	ND		0.22	0.043	mg/Kg	✱	10/21/21 14:09	10/25/21 17:22	1
PCB-1232	ND		0.22	0.043	mg/Kg	✱	10/21/21 14:09	10/25/21 17:22	1
PCB-1242	ND		0.22	0.043	mg/Kg	✱	10/21/21 14:09	10/25/21 17:22	1
PCB-1248	ND		0.22	0.043	mg/Kg	✱	10/21/21 14:09	10/25/21 17:22	1
PCB-1254	ND		0.22	0.10	mg/Kg	✱	10/21/21 14:09	10/25/21 17:22	1
PCB-1260	ND		0.22	0.10	mg/Kg	✱	10/21/21 14:09	10/25/21 17:22	1
PCB-1262	ND		0.22	0.10	mg/Kg	✱	10/21/21 14:09	10/25/21 17:22	1
PCB-1268	ND		0.22	0.10	mg/Kg	✱	10/21/21 14:09	10/25/21 17:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	100		60 - 154	10/21/21 14:09	10/25/21 17:22	1
Tetrachloro-m-xylene	101		60 - 154	10/21/21 14:09	10/25/21 17:22	1
DCB Decachlorobiphenyl	145		65 - 174	10/21/21 14:09	10/25/21 17:22	1
DCB Decachlorobiphenyl	108		65 - 174	10/21/21 14:09	10/25/21 17:22	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.23	0.053	ug/Kg	✱	10/24/21 18:36	10/25/21 22:23	1
Perfluoropentanoic acid (PFPeA)	ND		0.23	0.047	ug/Kg	✱	10/24/21 18:36	10/25/21 22:23	1
Perfluorohexanoic acid (PFHxA)	ND		0.23	0.036	ug/Kg	✱	10/24/21 18:36	10/25/21 22:23	1
Perfluoroheptanoic acid (PFHpA)	ND		0.23	0.044	ug/Kg	✱	10/24/21 18:36	10/25/21 22:23	1
Perfluorooctanoic acid (PFOA)	0.28		0.23	0.061	ug/Kg	✱	10/24/21 18:36	10/25/21 22:23	1
Perfluorononanoic acid (PFNA)	ND		0.23	0.025	ug/Kg	✱	10/24/21 18:36	10/25/21 22:23	1
Perfluorodecanoic acid (PFDA)	ND		0.23	0.055	ug/Kg	✱	10/24/21 18:36	10/25/21 22:23	1
Perfluoroundecanoic acid (PFUnA)	ND		0.23	0.048	ug/Kg	✱	10/24/21 18:36	10/25/21 22:23	1
Perfluorododecanoic acid (PFDoA)	ND		0.23	0.035	ug/Kg	✱	10/24/21 18:36	10/25/21 22:23	1
Perfluorotridecanoic acid (PFTriA)	ND		0.23	0.024	ug/Kg	✱	10/24/21 18:36	10/25/21 22:23	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.23	0.043	ug/Kg	✱	10/24/21 18:36	10/25/21 22:23	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.23	0.044	ug/Kg	✱	10/24/21 18:36	10/25/21 22:23	1
Perfluorohexanesulfonic acid (PFHxS)	0.11	J	0.23	0.033	ug/Kg	✱	10/24/21 18:36	10/25/21 22:23	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		0.23	0.057	ug/Kg	✱	10/24/21 18:36	10/25/21 22:23	1
Perfluorooctanesulfonic acid (PFOS)	0.79		0.23	0.050	ug/Kg	✱	10/24/21 18:36	10/25/21 22:23	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.23	0.060	ug/Kg	✱	10/24/21 18:36	10/25/21 22:23	1
Perfluorooctanesulfonamide (FOSA)	ND		0.23	0.038	ug/Kg	✱	10/24/21 18:36	10/25/21 22:23	1
NMeFOSAA	ND		0.23	0.027	ug/Kg	✱	10/24/21 18:36	10/25/21 22:23	1

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Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191099-1

Client Sample ID: LPZ-14S (2-5)

Lab Sample ID: 480-191099-2

Date Collected: 10/19/21 11:45

Matrix: Solid

Date Received: 10/19/21 15:25

Percent Solids: 84.4

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
NEtFOSAA	ND		0.23	0.055	ug/Kg	✱	10/24/21 18:36	10/25/21 22:23	1
6:2 FTS	ND		0.23	0.031	ug/Kg	✱	10/24/21 18:36	10/25/21 22:23	1
8:2 FTS	ND		0.23	0.040	ug/Kg	✱	10/24/21 18:36	10/25/21 22:23	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	71		25 - 150				10/24/21 18:36	10/25/21 22:23	1
13C5 PFPeA	77		25 - 150				10/24/21 18:36	10/25/21 22:23	1
13C2 PFHxA	63		25 - 150				10/24/21 18:36	10/25/21 22:23	1
13C4 PFHpA	68		25 - 150				10/24/21 18:36	10/25/21 22:23	1
13C4 PFOA	79		25 - 150				10/24/21 18:36	10/25/21 22:23	1
13C5 PFNA	94		25 - 150				10/24/21 18:36	10/25/21 22:23	1
13C2 PFDA	89		25 - 150				10/24/21 18:36	10/25/21 22:23	1
13C2 PFUnA	76		25 - 150				10/24/21 18:36	10/25/21 22:23	1
13C2 PFDoA	85		25 - 150				10/24/21 18:36	10/25/21 22:23	1
13C2 PFTeDA	90		25 - 150				10/24/21 18:36	10/25/21 22:23	1
13C3 PFBS	57		25 - 150				10/24/21 18:36	10/25/21 22:23	1
18O2 PFHxS	62		25 - 150				10/24/21 18:36	10/25/21 22:23	1
13C4 PFOS	69		25 - 150				10/24/21 18:36	10/25/21 22:23	1
13C8 FOSA	88		25 - 150				10/24/21 18:36	10/25/21 22:23	1
d3-NMeFOSAA	68		25 - 150				10/24/21 18:36	10/25/21 22:23	1
d5-NEtFOSAA	73		25 - 150				10/24/21 18:36	10/25/21 22:23	1
M2-6:2 FTS	72		25 - 150				10/24/21 18:36	10/25/21 22:23	1
M2-8:2 FTS	127		25 - 150				10/24/21 18:36	10/25/21 22:23	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	15100		12.1	5.3	mg/Kg	✱	10/26/21 18:15	10/28/21 00:44	1
Antimony	0.94	J	18.1	0.48	mg/Kg	✱	10/26/21 18:15	10/28/21 00:44	1
Arsenic	3.1		2.4	0.48	mg/Kg	✱	10/26/21 18:15	11/01/21 17:09	1
Barium	89.1		0.60	0.13	mg/Kg	✱	10/26/21 18:15	10/28/21 00:44	1
Beryllium	0.75		0.24	0.034	mg/Kg	✱	10/26/21 18:15	10/28/21 00:44	1
Cadmium	0.21	J	0.24	0.036	mg/Kg	✱	10/26/21 18:15	10/28/21 00:44	1
Calcium	17500		60.4	4.0	mg/Kg	✱	10/26/21 18:15	10/28/21 00:44	1
Chromium	17.6		0.60	0.24	mg/Kg	✱	10/26/21 18:15	10/28/21 00:44	1
Cobalt	7.7		0.60	0.060	mg/Kg	✱	10/26/21 18:15	10/28/21 00:44	1
Copper	8.3		1.2	0.25	mg/Kg	✱	10/26/21 18:15	10/28/21 00:44	1
Iron	18100		12.1	4.2	mg/Kg	✱	10/26/21 18:15	10/28/21 00:44	1
Lead	10.5		1.2	0.29	mg/Kg	✱	10/26/21 18:15	10/28/21 00:44	1
Magnesium	5670		24.2	1.1	mg/Kg	✱	10/26/21 18:15	10/28/21 00:44	1
Manganese	130	B	0.24	0.039	mg/Kg	✱	10/26/21 18:15	10/28/21 00:44	1
Nickel	17.4		6.0	0.28	mg/Kg	✱	10/26/21 18:15	10/28/21 00:44	1
Potassium	1220		36.3	24.2	mg/Kg	✱	10/26/21 18:15	10/28/21 00:44	1
Selenium	ND		4.8	0.48	mg/Kg	✱	10/26/21 18:15	10/28/21 00:44	1
Silver	ND		0.73	0.24	mg/Kg	✱	10/26/21 18:15	10/28/21 00:44	1
Sodium	164	J	169	15.7	mg/Kg	✱	10/26/21 18:15	10/28/21 00:44	1
Thallium	ND		7.3	0.36	mg/Kg	✱	10/26/21 18:15	10/28/21 00:44	1
Vanadium	29.5		0.60	0.13	mg/Kg	✱	10/26/21 18:15	10/28/21 00:44	1
Zinc	43.6		2.4	0.77	mg/Kg	✱	10/26/21 18:15	10/28/21 00:44	1

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Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191099-1

Client Sample ID: LPZ-14S (2-5)

Lab Sample ID: 480-191099-2

Date Collected: 10/19/21 11:45

Matrix: Solid

Date Received: 10/19/21 15:25

Percent Solids: 84.4

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	J	0.025	0.0057	mg/Kg	☼	10/26/21 17:19	10/26/21 18:49	1

Boring LPZ-15S

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191099-1

Client Sample ID: LPZ-15S (5-7)

Lab Sample ID: 480-191099-1

Date Collected: 10/19/21 09:00

Matrix: Solid

Date Received: 10/19/21 15:25

Percent Solids: 81.2

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	6.0	0.43	ug/Kg	✱	10/20/21 16:50	10/20/21 23:37	1
1,1,2,2-Tetrachloroethane	ND	vs	6.0	0.97	ug/Kg	✱	10/20/21 16:50	10/20/21 23:37	1
1,1,2-Trichloroethane	ND	vs	6.0	0.78	ug/Kg	✱	10/20/21 16:50	10/20/21 23:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	6.0	1.4	ug/Kg	✱	10/20/21 16:50	10/20/21 23:37	1
1,1-Dichloroethane	ND	vs	6.0	0.73	ug/Kg	✱	10/20/21 16:50	10/20/21 23:37	1
1,1-Dichloroethene	ND	vs	6.0	0.73	ug/Kg	✱	10/20/21 16:50	10/20/21 23:37	1
1,2,4-Trichlorobenzene	ND	vs	6.0	0.36	ug/Kg	✱	10/20/21 16:50	10/20/21 23:37	1
1,2-Dibromo-3-Chloropropane	ND	vs	6.0	3.0	ug/Kg	✱	10/20/21 16:50	10/20/21 23:37	1
1,2-Dibromoethane	ND	vs	6.0	0.77	ug/Kg	✱	10/20/21 16:50	10/20/21 23:37	1
1,2-Dichlorobenzene	ND	vs	6.0	0.47	ug/Kg	✱	10/20/21 16:50	10/20/21 23:37	1
1,2-Dichloroethane	ND	vs	6.0	0.30	ug/Kg	✱	10/20/21 16:50	10/20/21 23:37	1
1,2-Dichloropropane	ND	vs	6.0	3.0	ug/Kg	✱	10/20/21 16:50	10/20/21 23:37	1
1,3-Dichlorobenzene	ND	vs	6.0	0.31	ug/Kg	✱	10/20/21 16:50	10/20/21 23:37	1
1,4-Dichlorobenzene	0.85	J vs	6.0	0.84	ug/Kg	✱	10/20/21 16:50	10/20/21 23:37	1
2-Hexanone	ND	vs	30	3.0	ug/Kg	✱	10/20/21 16:50	10/20/21 23:37	1
2-Butanone (MEK)	ND	vs	30	2.2	ug/Kg	✱	10/20/21 16:50	10/20/21 23:37	1
4-Methyl-2-pentanone (MIBK)	ND	vs	30	2.0	ug/Kg	✱	10/20/21 16:50	10/20/21 23:37	1
Acetone	13	J vs	30	5.0	ug/Kg	✱	10/20/21 16:50	10/20/21 23:37	1
Benzene	ND	vs	6.0	0.29	ug/Kg	✱	10/20/21 16:50	10/20/21 23:37	1
Bromodichloromethane	ND	vs	6.0	0.80	ug/Kg	✱	10/20/21 16:50	10/20/21 23:37	1
Bromoform	ND	vs	6.0	3.0	ug/Kg	✱	10/20/21 16:50	10/20/21 23:37	1
Bromomethane	ND	vs	6.0	0.54	ug/Kg	✱	10/20/21 16:50	10/20/21 23:37	1
Carbon disulfide	ND	vs	6.0	3.0	ug/Kg	✱	10/20/21 16:50	10/20/21 23:37	1
Carbon tetrachloride	ND	vs	6.0	0.58	ug/Kg	✱	10/20/21 16:50	10/20/21 23:37	1
Chlorobenzene	1.9	J vs	6.0	0.79	ug/Kg	✱	10/20/21 16:50	10/20/21 23:37	1
Dibromochloromethane	ND	vs	6.0	0.76	ug/Kg	✱	10/20/21 16:50	10/20/21 23:37	1
Chloroethane	ND	vs	6.0	1.3	ug/Kg	✱	10/20/21 16:50	10/20/21 23:37	1
Chloroform	ND	vs	6.0	0.37	ug/Kg	✱	10/20/21 16:50	10/20/21 23:37	1
Chloromethane	ND	vs	6.0	0.36	ug/Kg	✱	10/20/21 16:50	10/20/21 23:37	1
cis-1,2-Dichloroethene	ND	vs	6.0	0.76	ug/Kg	✱	10/20/21 16:50	10/20/21 23:37	1
cis-1,3-Dichloropropene	ND	vs	6.0	0.86	ug/Kg	✱	10/20/21 16:50	10/20/21 23:37	1
Cyclohexane	ND	vs	6.0	0.84	ug/Kg	✱	10/20/21 16:50	10/20/21 23:37	1
Dichlorodifluoromethane	ND	vs	6.0	0.49	ug/Kg	✱	10/20/21 16:50	10/20/21 23:37	1
Ethylbenzene	ND	vs	6.0	0.41	ug/Kg	✱	10/20/21 16:50	10/20/21 23:37	1
Isopropylbenzene	ND	vs	6.0	0.90	ug/Kg	✱	10/20/21 16:50	10/20/21 23:37	1
Methyl acetate	ND	vs	30	3.6	ug/Kg	✱	10/20/21 16:50	10/20/21 23:37	1
Methyl tert-butyl ether	ND	vs	6.0	0.59	ug/Kg	✱	10/20/21 16:50	10/20/21 23:37	1
Methylcyclohexane	ND	vs	6.0	0.91	ug/Kg	✱	10/20/21 16:50	10/20/21 23:37	1
Methylene Chloride	ND	vs	6.0	2.7	ug/Kg	✱	10/20/21 16:50	10/20/21 23:37	1
Styrene	ND	vs	6.0	0.30	ug/Kg	✱	10/20/21 16:50	10/20/21 23:37	1
Tetrachloroethene	ND	vs	6.0	0.80	ug/Kg	✱	10/20/21 16:50	10/20/21 23:37	1
Toluene	ND	vs	6.0	0.45	ug/Kg	✱	10/20/21 16:50	10/20/21 23:37	1
trans-1,2-Dichloroethene	ND	vs	6.0	0.62	ug/Kg	✱	10/20/21 16:50	10/20/21 23:37	1
trans-1,3-Dichloropropene	ND	vs	6.0	2.6	ug/Kg	✱	10/20/21 16:50	10/20/21 23:37	1
Trichloroethene	ND	vs	6.0	1.3	ug/Kg	✱	10/20/21 16:50	10/20/21 23:37	1
Trichlorofluoromethane	ND	vs	6.0	0.56	ug/Kg	✱	10/20/21 16:50	10/20/21 23:37	1
Vinyl chloride	ND	vs	6.0	0.73	ug/Kg	✱	10/20/21 16:50	10/20/21 23:37	1
Xylenes, Total	ND	vs	12	1.0	ug/Kg	✱	10/20/21 16:50	10/20/21 23:37	1

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Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191099-1

Client Sample ID: LPZ-15S (5-7)

Lab Sample ID: 480-191099-1

Date Collected: 10/19/21 09:00

Matrix: Solid

Date Received: 10/19/21 15:25

Percent Solids: 81.2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		64 - 126	10/20/21 16:50	10/20/21 23:37	1
Toluene-d8 (Surr)	98		71 - 125	10/20/21 16:50	10/20/21 23:37	1
4-Bromofluorobenzene (Surr)	94		72 - 126	10/20/21 16:50	10/20/21 23:37	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		210	31	ug/Kg	☆	10/20/21 13:55	10/21/21 21:14	1
bis (2-chloroisopropyl) ether	ND		210	41	ug/Kg	☆	10/20/21 13:55	10/21/21 21:14	1
2,4,5-Trichlorophenol	ND		210	56	ug/Kg	☆	10/20/21 13:55	10/21/21 21:14	1
2,4,6-Trichlorophenol	ND		210	41	ug/Kg	☆	10/20/21 13:55	10/21/21 21:14	1
2,4-Dichlorophenol	ND		210	22	ug/Kg	☆	10/20/21 13:55	10/21/21 21:14	1
2,4-Dimethylphenol	ND		210	50	ug/Kg	☆	10/20/21 13:55	10/21/21 21:14	1
2,4-Dinitrophenol	ND		2000	960	ug/Kg	☆	10/20/21 13:55	10/21/21 21:14	1
2,4-Dinitrotoluene	ND		210	43	ug/Kg	☆	10/20/21 13:55	10/21/21 21:14	1
2,6-Dinitrotoluene	ND		210	24	ug/Kg	☆	10/20/21 13:55	10/21/21 21:14	1
2-Chloronaphthalene	ND		210	34	ug/Kg	☆	10/20/21 13:55	10/21/21 21:14	1
2-Chlorophenol	ND		400	38	ug/Kg	☆	10/20/21 13:55	10/21/21 21:14	1
2-Methylnaphthalene	ND		210	41	ug/Kg	☆	10/20/21 13:55	10/21/21 21:14	1
2-Methylphenol	ND		210	24	ug/Kg	☆	10/20/21 13:55	10/21/21 21:14	1
2-Nitroaniline	ND		400	31	ug/Kg	☆	10/20/21 13:55	10/21/21 21:14	1
2-Nitrophenol	ND		210	59	ug/Kg	☆	10/20/21 13:55	10/21/21 21:14	1
3,3'-Dichlorobenzidine	ND		400	240	ug/Kg	☆	10/20/21 13:55	10/21/21 21:14	1
3-Nitroaniline	ND		400	57	ug/Kg	☆	10/20/21 13:55	10/21/21 21:14	1
4,6-Dinitro-2-methylphenol	ND		400	210	ug/Kg	☆	10/20/21 13:55	10/21/21 21:14	1
4-Bromophenyl phenyl ether	ND		210	29	ug/Kg	☆	10/20/21 13:55	10/21/21 21:14	1
4-Chloro-3-methylphenol	ND		210	51	ug/Kg	☆	10/20/21 13:55	10/21/21 21:14	1
4-Chloroaniline	ND		210	51	ug/Kg	☆	10/20/21 13:55	10/21/21 21:14	1
4-Chlorophenyl phenyl ether	ND		210	26	ug/Kg	☆	10/20/21 13:55	10/21/21 21:14	1
4-Methylphenol	ND		400	24	ug/Kg	☆	10/20/21 13:55	10/21/21 21:14	1
4-Nitroaniline	ND		400	110	ug/Kg	☆	10/20/21 13:55	10/21/21 21:14	1
4-Nitrophenol	ND		400	150	ug/Kg	☆	10/20/21 13:55	10/21/21 21:14	1
Acenaphthene	ND		210	31	ug/Kg	☆	10/20/21 13:55	10/21/21 21:14	1
Acenaphthylene	ND		210	27	ug/Kg	☆	10/20/21 13:55	10/21/21 21:14	1
Acetophenone	ND		210	28	ug/Kg	☆	10/20/21 13:55	10/21/21 21:14	1
Anthracene	ND		210	51	ug/Kg	☆	10/20/21 13:55	10/21/21 21:14	1
Atrazine	ND		210	72	ug/Kg	☆	10/20/21 13:55	10/21/21 21:14	1
Benzaldehyde	ND		210	160	ug/Kg	☆	10/20/21 13:55	10/21/21 21:14	1
Benzo(a)anthracene	ND		210	21	ug/Kg	☆	10/20/21 13:55	10/21/21 21:14	1
Benzo(a)pyrene	ND		210	31	ug/Kg	☆	10/20/21 13:55	10/21/21 21:14	1
Benzo(b)fluoranthene	ND		210	33	ug/Kg	☆	10/20/21 13:55	10/21/21 21:14	1
Benzo(g,h,i)perylene	ND		210	22	ug/Kg	☆	10/20/21 13:55	10/21/21 21:14	1
Benzo(k)fluoranthene	ND	+	210	27	ug/Kg	☆	10/20/21 13:55	10/21/21 21:14	1
Bis(2-chloroethoxy)methane	ND		210	44	ug/Kg	☆	10/20/21 13:55	10/21/21 21:14	1
Bis(2-chloroethyl)ether	ND		210	27	ug/Kg	☆	10/20/21 13:55	10/21/21 21:14	1
Bis(2-ethylhexyl) phthalate	94	J	210	71	ug/Kg	☆	10/20/21 13:55	10/21/21 21:14	1
Butyl benzyl phthalate	ND		210	34	ug/Kg	☆	10/20/21 13:55	10/21/21 21:14	1
Caprolactam	ND	+	210	62	ug/Kg	☆	10/20/21 13:55	10/21/21 21:14	1
Carbazole	ND		210	24	ug/Kg	☆	10/20/21 13:55	10/21/21 21:14	1
Chrysene	ND		210	46	ug/Kg	☆	10/20/21 13:55	10/21/21 21:14	1
Di-n-butyl phthalate	ND		210	35	ug/Kg	☆	10/20/21 13:55	10/21/21 21:14	1

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Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191099-1

Client Sample ID: LPZ-15S (5-7)

Lab Sample ID: 480-191099-1

Date Collected: 10/19/21 09:00

Matrix: Solid

Date Received: 10/19/21 15:25

Percent Solids: 81.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		210	24	ug/Kg	✱	10/20/21 13:55	10/21/21 21:14	1
Dibenz(a,h)anthracene	ND		210	37	ug/Kg	✱	10/20/21 13:55	10/21/21 21:14	1
Dibenzofuran	ND		210	24	ug/Kg	✱	10/20/21 13:55	10/21/21 21:14	1
Diethyl phthalate	ND		210	27	ug/Kg	✱	10/20/21 13:55	10/21/21 21:14	1
Dimethyl phthalate	ND		210	24	ug/Kg	✱	10/20/21 13:55	10/21/21 21:14	1
Fluoranthene	ND		210	22	ug/Kg	✱	10/20/21 13:55	10/21/21 21:14	1
Fluorene	ND		210	24	ug/Kg	✱	10/20/21 13:55	10/21/21 21:14	1
Hexachlorobenzene	ND		210	28	ug/Kg	✱	10/20/21 13:55	10/21/21 21:14	1
Hexachlorobutadiene	ND		210	31	ug/Kg	✱	10/20/21 13:55	10/21/21 21:14	1
Hexachlorocyclopentadiene	ND		210	28	ug/Kg	✱	10/20/21 13:55	10/21/21 21:14	1
Hexachloroethane	ND		210	27	ug/Kg	✱	10/20/21 13:55	10/21/21 21:14	1
Indeno(1,2,3-cd)pyrene	ND		210	26	ug/Kg	✱	10/20/21 13:55	10/21/21 21:14	1
Isophorone	ND		210	44	ug/Kg	✱	10/20/21 13:55	10/21/21 21:14	1
N-Nitrosodi-n-propylamine	ND		210	35	ug/Kg	✱	10/20/21 13:55	10/21/21 21:14	1
N-Nitrosodiphenylamine	ND		210	170	ug/Kg	✱	10/20/21 13:55	10/21/21 21:14	1
Naphthalene	ND		210	27	ug/Kg	✱	10/20/21 13:55	10/21/21 21:14	1
Nitrobenzene	ND		210	23	ug/Kg	✱	10/20/21 13:55	10/21/21 21:14	1
Pentachlorophenol	ND		400	210	ug/Kg	✱	10/20/21 13:55	10/21/21 21:14	1
Phenanthrene	ND		210	31	ug/Kg	✱	10/20/21 13:55	10/21/21 21:14	1
Phenol	ND		210	32	ug/Kg	✱	10/20/21 13:55	10/21/21 21:14	1
Pyrene	ND		210	24	ug/Kg	✱	10/20/21 13:55	10/21/21 21:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	95		54 - 120	10/20/21 13:55	10/21/21 21:14	1
2-Fluorobiphenyl	84		60 - 120	10/20/21 13:55	10/21/21 21:14	1
2-Fluorophenol	74		52 - 120	10/20/21 13:55	10/21/21 21:14	1
Nitrobenzene-d5	76		53 - 120	10/20/21 13:55	10/21/21 21:14	1
p-Terphenyl-d14	111		79 - 130	10/20/21 13:55	10/21/21 21:14	1
Phenol-d5	83		54 - 120	10/20/21 13:55	10/21/21 21:14	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		10	2.0	ug/Kg	✱	10/21/21 07:52	10/25/21 11:41	5
4,4'-DDE	ND		10	2.1	ug/Kg	✱	10/21/21 07:52	10/25/21 11:41	5
4,4'-DDT	ND	*+	10	2.4	ug/Kg	✱	10/21/21 07:52	10/25/21 11:41	5
Aldrin	ND		10	2.5	ug/Kg	✱	10/21/21 07:52	10/25/21 11:41	5
alpha-BHC	ND		10	1.8	ug/Kg	✱	10/21/21 07:52	10/25/21 11:41	5
cis-Chlordane	ND	*1	10	5.0	ug/Kg	✱	10/21/21 07:52	10/25/21 11:41	5
beta-BHC	ND		10	1.8	ug/Kg	✱	10/21/21 07:52	10/25/21 11:41	5
delta-BHC	ND		10	1.9	ug/Kg	✱	10/21/21 07:52	10/25/21 11:41	5
Dieldrin	ND	*1	10	2.4	ug/Kg	✱	10/21/21 07:52	10/25/21 11:41	5
Endosulfan I	ND		10	1.9	ug/Kg	✱	10/21/21 07:52	10/25/21 11:41	5
Endosulfan II	ND	*+	10	1.8	ug/Kg	✱	10/21/21 07:52	10/25/21 11:41	5
Endosulfan sulfate	ND	*1	10	1.9	ug/Kg	✱	10/21/21 07:52	10/25/21 11:41	5
Endrin	ND		10	2.0	ug/Kg	✱	10/21/21 07:52	10/25/21 11:41	5
Endrin aldehyde	ND		10	2.6	ug/Kg	✱	10/21/21 07:52	10/25/21 11:41	5
Endrin ketone	ND	*1	10	2.5	ug/Kg	✱	10/21/21 07:52	10/25/21 11:41	5
gamma-BHC (Lindane)	ND		10	1.9	ug/Kg	✱	10/21/21 07:52	10/25/21 11:41	5
trans-Chlordane	ND	*1	10	3.2	ug/Kg	✱	10/21/21 07:52	10/25/21 11:41	5
Heptachlor	ND		10	2.2	ug/Kg	✱	10/21/21 07:52	10/25/21 11:41	5

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Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191099-1

Client Sample ID: LPZ-15S (5-7)

Lab Sample ID: 480-191099-1

Date Collected: 10/19/21 09:00

Matrix: Solid

Date Received: 10/19/21 15:25

Percent Solids: 81.2

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		10	2.6	ug/Kg	✱	10/21/21 07:52	10/25/21 11:41	5
Methoxychlor	ND	+	10	2.1	ug/Kg	✱	10/21/21 07:52	10/25/21 11:41	5
Toxaphene	ND		100	59	ug/Kg	✱	10/21/21 07:52	10/25/21 11:41	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	86		45 - 120	10/21/21 07:52	10/25/21 11:41	5
DCB Decachlorobiphenyl	128	S1+	45 - 120	10/21/21 07:52	10/25/21 11:41	5
Tetrachloro-m-xylene	111		30 - 124	10/21/21 07:52	10/25/21 11:41	5
Tetrachloro-m-xylene	135	S1+	30 - 124	10/21/21 07:52	10/25/21 11:41	5

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.23	0.045	mg/Kg	✱	10/21/21 14:09	10/25/21 16:05	1
PCB-1221	ND		0.23	0.045	mg/Kg	✱	10/21/21 14:09	10/25/21 16:05	1
PCB-1232	ND		0.23	0.045	mg/Kg	✱	10/21/21 14:09	10/25/21 16:05	1
PCB-1242	ND		0.23	0.045	mg/Kg	✱	10/21/21 14:09	10/25/21 16:05	1
PCB-1248	ND		0.23	0.045	mg/Kg	✱	10/21/21 14:09	10/25/21 16:05	1
PCB-1254	ND		0.23	0.11	mg/Kg	✱	10/21/21 14:09	10/25/21 16:05	1
PCB-1260	ND		0.23	0.11	mg/Kg	✱	10/21/21 14:09	10/25/21 16:05	1
PCB-1262	ND		0.23	0.11	mg/Kg	✱	10/21/21 14:09	10/25/21 16:05	1
PCB-1268	ND		0.23	0.11	mg/Kg	✱	10/21/21 14:09	10/25/21 16:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	106		60 - 154	10/21/21 14:09	10/25/21 16:05	1
Tetrachloro-m-xylene	103		60 - 154	10/21/21 14:09	10/25/21 16:05	1
DCB Decachlorobiphenyl	143		65 - 174	10/21/21 14:09	10/25/21 16:05	1
DCB Decachlorobiphenyl	112		65 - 174	10/21/21 14:09	10/25/21 16:05	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.23	0.052	ug/Kg	✱	10/24/21 18:36	10/25/21 22:13	1
Perfluoropentanoic acid (PFPeA)	ND		0.23	0.046	ug/Kg	✱	10/24/21 18:36	10/25/21 22:13	1
Perfluorohexanoic acid (PFHxA)	ND		0.23	0.035	ug/Kg	✱	10/24/21 18:36	10/25/21 22:13	1
Perfluoroheptanoic acid (PFHpA)	ND		0.23	0.043	ug/Kg	✱	10/24/21 18:36	10/25/21 22:13	1
Perfluorooctanoic acid (PFOA)	ND		0.23	0.060	ug/Kg	✱	10/24/21 18:36	10/25/21 22:13	1
Perfluorononanoic acid (PFNA)	ND		0.23	0.025	ug/Kg	✱	10/24/21 18:36	10/25/21 22:13	1
Perfluorodecanoic acid (PFDA)	ND		0.23	0.054	ug/Kg	✱	10/24/21 18:36	10/25/21 22:13	1
Perfluoroundecanoic acid (PFUnA)	ND		0.23	0.047	ug/Kg	✱	10/24/21 18:36	10/25/21 22:13	1
Perfluorododecanoic acid (PFDoA)	ND		0.23	0.034	ug/Kg	✱	10/24/21 18:36	10/25/21 22:13	1
Perfluorotridecanoic acid (PFTriA)	ND		0.23	0.024	ug/Kg	✱	10/24/21 18:36	10/25/21 22:13	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.23	0.042	ug/Kg	✱	10/24/21 18:36	10/25/21 22:13	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.23	0.043	ug/Kg	✱	10/24/21 18:36	10/25/21 22:13	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.23	0.033	ug/Kg	✱	10/24/21 18:36	10/25/21 22:13	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		0.23	0.055	ug/Kg	✱	10/24/21 18:36	10/25/21 22:13	1
Perfluorooctanesulfonic acid (PFOS)	0.48		0.23	0.048	ug/Kg	✱	10/24/21 18:36	10/25/21 22:13	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.23	0.059	ug/Kg	✱	10/24/21 18:36	10/25/21 22:13	1
Perfluorooctanesulfonamide (FOSA)	ND		0.23	0.037	ug/Kg	✱	10/24/21 18:36	10/25/21 22:13	1
NMeFOSAA	ND		0.23	0.026	ug/Kg	✱	10/24/21 18:36	10/25/21 22:13	1
NEtFOSAA	0.81		0.23	0.054	ug/Kg	✱	10/24/21 18:36	10/25/21 22:13	1

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Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191099-1

Client Sample ID: LPZ-15S (5-7)

Lab Sample ID: 480-191099-1

Date Collected: 10/19/21 09:00

Matrix: Solid

Date Received: 10/19/21 15:25

Percent Solids: 81.2

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
6:2 FTS	ND		0.23	0.030	ug/Kg	☆	10/24/21 18:36	10/25/21 22:13	1
8:2 FTS	ND		0.23	0.039	ug/Kg	☆	10/24/21 18:36	10/25/21 22:13	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	80		25 - 150				10/24/21 18:36	10/25/21 22:13	1
13C5 PFPeA	101		25 - 150				10/24/21 18:36	10/25/21 22:13	1
13C2 PFHxA	78		25 - 150				10/24/21 18:36	10/25/21 22:13	1
13C4 PFHpA	78		25 - 150				10/24/21 18:36	10/25/21 22:13	1
13C4 PFOA	91		25 - 150				10/24/21 18:36	10/25/21 22:13	1
13C5 PFNA	96		25 - 150				10/24/21 18:36	10/25/21 22:13	1
13C2 PFDA	87		25 - 150				10/24/21 18:36	10/25/21 22:13	1
13C2 PFUnA	81		25 - 150				10/24/21 18:36	10/25/21 22:13	1
13C2 PFDoA	79		25 - 150				10/24/21 18:36	10/25/21 22:13	1
13C2 PFTeDA	88		25 - 150				10/24/21 18:36	10/25/21 22:13	1
13C3 PFBS	83		25 - 150				10/24/21 18:36	10/25/21 22:13	1
18O2 PFHxS	83		25 - 150				10/24/21 18:36	10/25/21 22:13	1
13C4 PFOS	94		25 - 150				10/24/21 18:36	10/25/21 22:13	1
13C8 FOSA	93		25 - 150				10/24/21 18:36	10/25/21 22:13	1
d3-NMeFOSAA	84		25 - 150				10/24/21 18:36	10/25/21 22:13	1
d5-NEtFOSAA	87		25 - 150				10/24/21 18:36	10/25/21 22:13	1
M2-6:2 FTS	108		25 - 150				10/24/21 18:36	10/25/21 22:13	1
M2-8:2 FTS	118		25 - 150				10/24/21 18:36	10/25/21 22:13	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3400		12.4	5.4	mg/Kg	☆	10/26/21 18:15	10/28/21 00:40	1
Antimony	ND		18.6	0.50	mg/Kg	☆	10/26/21 18:15	10/28/21 00:40	1
Arsenic	1.4	J	2.5	0.50	mg/Kg	☆	10/26/21 18:15	11/01/21 17:05	1
Barium	18.6		0.62	0.14	mg/Kg	☆	10/26/21 18:15	10/28/21 00:40	1
Beryllium	0.19	J	0.25	0.035	mg/Kg	☆	10/26/21 18:15	10/28/21 00:40	1
Cadmium	0.25		0.25	0.037	mg/Kg	☆	10/26/21 18:15	10/28/21 00:40	1
Calcium	35100		61.9	4.1	mg/Kg	☆	10/26/21 18:15	10/28/21 00:40	1
Chromium	6.4		0.62	0.25	mg/Kg	☆	10/26/21 18:15	10/28/21 00:40	1
Cobalt	3.2		0.62	0.062	mg/Kg	☆	10/26/21 18:15	10/28/21 00:40	1
Copper	7.9		1.2	0.26	mg/Kg	☆	10/26/21 18:15	10/28/21 00:40	1
Iron	7180		12.4	4.3	mg/Kg	☆	10/26/21 18:15	10/28/21 00:40	1
Lead	6.3		1.2	0.30	mg/Kg	☆	10/26/21 18:15	10/28/21 00:40	1
Magnesium	15800		24.8	1.1	mg/Kg	☆	10/26/21 18:15	10/28/21 00:40	1
Manganese	158	B	0.25	0.040	mg/Kg	☆	10/26/21 18:15	10/28/21 00:40	1
Nickel	6.5		6.2	0.28	mg/Kg	☆	10/26/21 18:15	10/28/21 00:40	1
Potassium	767		37.1	24.8	mg/Kg	☆	10/26/21 18:15	10/28/21 00:40	1
Selenium	ND		5.0	0.50	mg/Kg	☆	10/26/21 18:15	10/28/21 00:40	1
Silver	ND		0.74	0.25	mg/Kg	☆	10/26/21 18:15	10/28/21 00:40	1
Sodium	158	J	173	16.1	mg/Kg	☆	10/26/21 18:15	10/28/21 00:40	1
Thallium	ND		7.4	0.37	mg/Kg	☆	10/26/21 18:15	10/28/21 00:40	1
Vanadium	12.7		0.62	0.14	mg/Kg	☆	10/26/21 18:15	10/28/21 00:40	1
Zinc	37.9		2.5	0.79	mg/Kg	☆	10/26/21 18:15	10/28/21 00:40	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.012	J	0.019	0.0043	mg/Kg	☆	10/26/21 17:19	10/26/21 18:48	1

Eurofins Buffalo

2021 Lab Reports

Groundwater

Well OW-1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191670-1

Client Sample ID: OW-01

Lab Sample ID: 480-191670-1

Date Collected: 10/29/21 11:05

Matrix: Water

Date Received: 10/29/21 16:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/05/21 09:34	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/05/21 09:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/05/21 09:34	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/05/21 09:34	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/05/21 09:34	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/05/21 09:34	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/05/21 09:34	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/05/21 09:34	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/05/21 09:34	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/05/21 09:34	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/05/21 09:34	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/05/21 09:34	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/05/21 09:34	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/05/21 09:34	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/05/21 09:34	1
2-Hexanone	ND		5.0	1.2	ug/L			11/05/21 09:34	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/05/21 09:34	1
Acetone	ND		10	3.0	ug/L			11/05/21 09:34	1
Benzene	ND		1.0	0.41	ug/L			11/05/21 09:34	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/05/21 09:34	1
Bromoform	ND		1.0	0.26	ug/L			11/05/21 09:34	1
Bromomethane	ND		1.0	0.69	ug/L			11/05/21 09:34	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/05/21 09:34	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/05/21 09:34	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/05/21 09:34	1
Chloroethane	ND		1.0	0.32	ug/L			11/05/21 09:34	1
Chloroform	ND		1.0	0.34	ug/L			11/05/21 09:34	1
Chloromethane	ND		1.0	0.35	ug/L			11/05/21 09:34	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/05/21 09:34	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/05/21 09:34	1
Cyclohexane	ND		1.0	0.18	ug/L			11/05/21 09:34	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/05/21 09:34	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/05/21 09:34	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/05/21 09:34	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/05/21 09:34	1
Methyl acetate	ND		2.5	1.3	ug/L			11/05/21 09:34	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/05/21 09:34	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/05/21 09:34	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/05/21 09:34	1
Styrene	ND		1.0	0.73	ug/L			11/05/21 09:34	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/05/21 09:34	1
Toluene	ND		1.0	0.51	ug/L			11/05/21 09:34	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/05/21 09:34	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/05/21 09:34	1
Trichloroethene	ND		1.0	0.46	ug/L			11/05/21 09:34	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/05/21 09:34	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/05/21 09:34	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/05/21 09:34	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191670-1

Client Sample ID: OW-01

Lab Sample ID: 480-191670-1

Date Collected: 10/29/21 11:05

Matrix: Water

Date Received: 10/29/21 16:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		11/05/21 09:34	1
4-Bromofluorobenzene (Surr)	95		73 - 120		11/05/21 09:34	1
Toluene-d8 (Surr)	97		80 - 120		11/05/21 09:34	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/02/21 07:11	11/04/21 16:49	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/02/21 07:11	11/04/21 16:49	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/02/21 07:11	11/04/21 16:49	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/02/21 07:11	11/04/21 16:49	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/02/21 07:11	11/04/21 16:49	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/02/21 07:11	11/04/21 16:49	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/02/21 07:11	11/04/21 16:49	1
2,4-Dinitrotoluene	ND	+	5.0	0.45	ug/L		11/02/21 07:11	11/04/21 16:49	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/02/21 07:11	11/04/21 16:49	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/02/21 07:11	11/04/21 16:49	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/02/21 07:11	11/04/21 16:49	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/02/21 07:11	11/04/21 16:49	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/02/21 07:11	11/04/21 16:49	1
2-Nitroaniline	ND		10	0.42	ug/L		11/02/21 07:11	11/04/21 16:49	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/02/21 07:11	11/04/21 16:49	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/02/21 07:11	11/04/21 16:49	1
3-Nitroaniline	ND		10	0.48	ug/L		11/02/21 07:11	11/04/21 16:49	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/02/21 07:11	11/04/21 16:49	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/02/21 07:11	11/04/21 16:49	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/02/21 07:11	11/04/21 16:49	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/02/21 07:11	11/04/21 16:49	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/02/21 07:11	11/04/21 16:49	1
4-Methylphenol	ND		10	0.36	ug/L		11/02/21 07:11	11/04/21 16:49	1
4-Nitroaniline	ND	+	10	0.25	ug/L		11/02/21 07:11	11/04/21 16:49	1
4-Nitrophenol	ND		10	1.5	ug/L		11/02/21 07:11	11/04/21 16:49	1
Acenaphthene	ND		5.0	0.41	ug/L		11/02/21 07:11	11/04/21 16:49	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/02/21 07:11	11/04/21 16:49	1
Acetophenone	ND		5.0	0.54	ug/L		11/02/21 07:11	11/04/21 16:49	1
Anthracene	ND		5.0	0.28	ug/L		11/02/21 07:11	11/04/21 16:49	1
Atrazine	ND	+	5.0	0.46	ug/L		11/02/21 07:11	11/04/21 16:49	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/02/21 07:11	11/04/21 16:49	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/02/21 07:11	11/04/21 16:49	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/02/21 07:11	11/04/21 16:49	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/02/21 07:11	11/04/21 16:49	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/02/21 07:11	11/04/21 16:49	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/02/21 07:11	11/04/21 16:49	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/02/21 07:11	11/04/21 16:49	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/02/21 07:11	11/04/21 16:49	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/02/21 07:11	11/04/21 16:49	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/02/21 07:11	11/04/21 16:49	1
Caprolactam	ND		5.0	2.2	ug/L		11/02/21 07:11	11/04/21 16:49	1
Carbazole	ND		5.0	0.30	ug/L		11/02/21 07:11	11/04/21 16:49	1
Chrysene	ND		5.0	0.33	ug/L		11/02/21 07:11	11/04/21 16:49	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/02/21 07:11	11/04/21 16:49	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191670-1

Client Sample ID: OW-01

Lab Sample ID: 480-191670-1

Date Collected: 10/29/21 11:05

Matrix: Water

Date Received: 10/29/21 16:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/02/21 07:11	11/04/21 16:49	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/02/21 07:11	11/04/21 16:49	1
Dibenzofuran	ND		10	0.51	ug/L		11/02/21 07:11	11/04/21 16:49	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/02/21 07:11	11/04/21 16:49	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/02/21 07:11	11/04/21 16:49	1
Fluoranthene	ND		5.0	0.40	ug/L		11/02/21 07:11	11/04/21 16:49	1
Fluorene	ND		5.0	0.36	ug/L		11/02/21 07:11	11/04/21 16:49	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/02/21 07:11	11/04/21 16:49	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/02/21 07:11	11/04/21 16:49	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/02/21 07:11	11/04/21 16:49	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/02/21 07:11	11/04/21 16:49	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/02/21 07:11	11/04/21 16:49	1
Isophorone	ND		5.0	0.43	ug/L		11/02/21 07:11	11/04/21 16:49	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/02/21 07:11	11/04/21 16:49	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/02/21 07:11	11/04/21 16:49	1
Naphthalene	ND		5.0	0.76	ug/L		11/02/21 07:11	11/04/21 16:49	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/02/21 07:11	11/04/21 16:49	1
Pentachlorophenol	ND		10	2.2	ug/L		11/02/21 07:11	11/04/21 16:49	1
Phenanthrene	ND	*1	5.0	0.44	ug/L		11/02/21 07:11	11/04/21 16:49	1
Phenol	ND		5.0	0.39	ug/L		11/02/21 07:11	11/04/21 16:49	1
Pyrene	ND		5.0	0.34	ug/L		11/02/21 07:11	11/04/21 16:49	1
Benzoic acid	ND		150	100	ug/L		11/02/21 07:11	11/04/21 16:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	110		41 - 120	11/02/21 07:11	11/04/21 16:49	1
2-Fluorobiphenyl	117		48 - 120	11/02/21 07:11	11/04/21 16:49	1
2-Fluorophenol	83		35 - 120	11/02/21 07:11	11/04/21 16:49	1
Nitrobenzene-d5	97		46 - 120	11/02/21 07:11	11/04/21 16:49	1
p-Terphenyl-d14	86		60 - 148	11/02/21 07:11	11/04/21 16:49	1
Phenol-d5	64		22 - 120	11/02/21 07:11	11/04/21 16:49	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/02/21 07:02	11/02/21 22:21	1
4,4'-DDE	ND	+	0.050	0.012	ug/L		11/02/21 07:02	11/02/21 22:21	1
4,4'-DDT	ND		0.050	0.011	ug/L		11/02/21 07:02	11/02/21 22:21	1
Aldrin	ND		0.050	0.0081	ug/L		11/02/21 07:02	11/02/21 22:21	1
alpha-BHC	ND		0.050	0.0077	ug/L		11/02/21 07:02	11/02/21 22:21	1
cis-Chlordane	ND	+	0.050	0.015	ug/L		11/02/21 07:02	11/02/21 22:21	1
beta-BHC	ND	+	0.050	0.025	ug/L		11/02/21 07:02	11/02/21 22:21	1
delta-BHC	ND		0.050	0.010	ug/L		11/02/21 07:02	11/02/21 22:21	1
Dieldrin	ND	+	0.050	0.0098	ug/L		11/02/21 07:02	11/02/21 22:21	1
Endosulfan I	ND	+	0.050	0.011	ug/L		11/02/21 07:02	11/02/21 22:21	1
Endosulfan II	0.020	J	0.050	0.012	ug/L		11/02/21 07:02	11/02/21 22:21	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		11/02/21 07:02	11/02/21 22:21	1
Endrin	ND		0.050	0.014	ug/L		11/02/21 07:02	11/02/21 22:21	1
Endrin aldehyde	ND		0.050	0.016	ug/L		11/02/21 07:02	11/02/21 22:21	1
Endrin ketone	0.016	J B	0.050	0.012	ug/L		11/02/21 07:02	11/02/21 22:21	1
gamma-BHC (Lindane)	ND	+	0.050	0.0080	ug/L		11/02/21 07:02	11/02/21 22:21	1
trans-Chlordane	ND		0.050	0.011	ug/L		11/02/21 07:02	11/02/21 22:21	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191670-1

Client Sample ID: OW-01

Lab Sample ID: 480-191670-1

Date Collected: 10/29/21 11:05

Matrix: Water

Date Received: 10/29/21 16:00

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.050	0.0085	ug/L		11/02/21 07:02	11/02/21 22:21	1
Heptachlor epoxide	ND	+	0.050	0.0074	ug/L		11/02/21 07:02	11/02/21 22:21	1
Methoxychlor	ND	+	0.050	0.014	ug/L		11/02/21 07:02	11/02/21 22:21	1
Toxaphene	ND		0.50	0.12	ug/L		11/02/21 07:02	11/02/21 22:21	1
Mirex	ND		0.050	0.0096	ug/L		11/02/21 07:02	11/02/21 22:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	113		20 - 120	11/02/21 07:02	11/02/21 22:21	1
DCB Decachlorobiphenyl	92		20 - 120	11/02/21 07:02	11/02/21 22:21	1
Tetrachloro-m-xylene	104		44 - 120	11/02/21 07:02	11/02/21 22:21	1
Tetrachloro-m-xylene	106		44 - 120	11/02/21 07:02	11/02/21 22:21	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 19:02	1
PCB-1221	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 19:02	1
PCB-1232	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 19:02	1
PCB-1242	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 19:02	1
PCB-1248	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 19:02	1
PCB-1254	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 19:02	1
PCB-1260	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 19:02	1
PCB-1262	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 19:02	1
PCB-1268	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 19:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	83		39 - 121	11/02/21 14:23	11/03/21 19:02	1
Tetrachloro-m-xylene	81		39 - 121	11/02/21 14:23	11/03/21 19:02	1
DCB Decachlorobiphenyl	81		19 - 120	11/02/21 14:23	11/03/21 19:02	1
DCB Decachlorobiphenyl	51		19 - 120	11/02/21 14:23	11/03/21 19:02	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.098	J B	0.20	0.060	mg/L		11/02/21 08:12	11/04/21 03:31	1
Antimony	ND		0.020	0.0068	mg/L		11/02/21 08:12	11/04/21 03:31	1
Arsenic	ND		0.015	0.0056	mg/L		11/02/21 08:12	11/04/21 03:31	1
Barium	0.041		0.0020	0.00070	mg/L		11/02/21 08:12	11/04/21 03:31	1
Beryllium	ND		0.0020	0.00030	mg/L		11/02/21 08:12	11/04/21 03:31	1
Cadmium	ND		0.0020	0.00050	mg/L		11/02/21 08:12	11/04/21 03:31	1
Calcium	283		0.50	0.10	mg/L		11/02/21 08:12	11/04/21 03:31	1
Chromium	ND		0.0040	0.0010	mg/L		11/02/21 08:12	11/04/21 03:31	1
Cobalt	0.00091	J	0.0040	0.00063	mg/L		11/02/21 08:12	11/04/21 03:31	1
Copper	0.0019	J B	0.010	0.0016	mg/L		11/02/21 08:12	11/04/21 03:31	1
Iron	1.1		0.050	0.019	mg/L		11/02/21 08:12	11/04/21 03:31	1
Lead	ND		0.010	0.0030	mg/L		11/02/21 08:12	11/04/21 03:31	1
Magnesium	83.8		0.20	0.043	mg/L		11/02/21 08:12	11/04/21 03:31	1
Manganese	0.49		0.0030	0.00040	mg/L		11/02/21 08:12	11/04/21 03:31	1
Nickel	0.0020	J	0.010	0.0013	mg/L		11/02/21 08:12	11/04/21 03:31	1
Potassium	5.9		0.50	0.10	mg/L		11/02/21 08:12	11/04/21 03:31	1
Selenium	ND		0.025	0.0087	mg/L		11/02/21 08:12	11/04/21 03:31	1
Silver	ND		0.0060	0.0017	mg/L		11/02/21 08:12	11/04/21 03:31	1

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Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191670-1

Client Sample ID: OW-01

Lab Sample ID: 480-191670-1

Date Collected: 10/29/21 11:05

Matrix: Water

Date Received: 10/29/21 16:00

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	38.1		1.0	0.32	mg/L		11/02/21 08:12	11/04/21 03:31	1
Thallium	ND		0.020	0.010	mg/L		11/02/21 08:12	11/04/21 03:31	1
Vanadium	ND		0.0050	0.0015	mg/L		11/02/21 08:12	11/04/21 03:31	1
Zinc	ND		0.010	0.0015	mg/L		11/08/21 09:04	11/09/21 01:00	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		11/05/21 13:53	11/05/21 17:30	1

Well OW-13

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191913-1

Client Sample ID: OW-13

Lab Sample ID: 480-191913-1

Date Collected: 11/04/21 09:00

Matrix: Water

Date Received: 11/04/21 15:04

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			11/12/21 14:46	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			11/12/21 14:46	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			11/12/21 14:46	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			11/12/21 14:46	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			11/12/21 14:46	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			11/12/21 14:46	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			11/12/21 14:46	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			11/12/21 14:46	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			11/12/21 14:46	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			11/12/21 14:46	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			11/12/21 14:46	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			11/12/21 14:46	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			11/12/21 14:46	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			11/12/21 14:46	2
2-Butanone (MEK)	ND		20	2.6	ug/L			11/12/21 14:46	2
2-Hexanone	ND		10	2.5	ug/L			11/12/21 14:46	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			11/12/21 14:46	2
Acetone	ND		20	6.0	ug/L			11/12/21 14:46	2
Benzene	ND		2.0	0.82	ug/L			11/12/21 14:46	2
Bromodichloromethane	ND		2.0	0.78	ug/L			11/12/21 14:46	2
Bromoform	ND		2.0	0.52	ug/L			11/12/21 14:46	2
Bromomethane	ND		2.0	1.4	ug/L			11/12/21 14:46	2
Carbon disulfide	ND		2.0	0.38	ug/L			11/12/21 14:46	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			11/12/21 14:46	2
Chlorobenzene	ND		2.0	1.5	ug/L			11/12/21 14:46	2
Chloroethane	ND		2.0	0.64	ug/L			11/12/21 14:46	2
Chloroform	ND		2.0	0.68	ug/L			11/12/21 14:46	2
Chloromethane	ND		2.0	0.70	ug/L			11/12/21 14:46	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			11/12/21 14:46	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			11/12/21 14:46	2
Cyclohexane	ND		2.0	0.36	ug/L			11/12/21 14:46	2
Dibromochloromethane	ND		2.0	0.64	ug/L			11/12/21 14:46	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			11/12/21 14:46	2
Ethylbenzene	ND		2.0	1.5	ug/L			11/12/21 14:46	2
Isopropylbenzene	ND		2.0	1.6	ug/L			11/12/21 14:46	2
Methyl acetate	ND		5.0	2.6	ug/L			11/12/21 14:46	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			11/12/21 14:46	2
Methylcyclohexane	ND		2.0	0.32	ug/L			11/12/21 14:46	2
Methylene Chloride	ND		2.0	0.88	ug/L			11/12/21 14:46	2
Styrene	ND		2.0	1.5	ug/L			11/12/21 14:46	2
Tetrachloroethene	ND		2.0	0.72	ug/L			11/12/21 14:46	2
Toluene	ND		2.0	1.0	ug/L			11/12/21 14:46	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			11/12/21 14:46	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			11/12/21 14:46	2
Trichloroethene	ND		2.0	0.92	ug/L			11/12/21 14:46	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			11/12/21 14:46	2
Vinyl chloride	ND		2.0	1.8	ug/L			11/12/21 14:46	2
Xylenes, Total	ND		4.0	1.3	ug/L			11/12/21 14:46	2

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191913-1

Client Sample ID: OW-13

Lab Sample ID: 480-191913-1

Date Collected: 11/04/21 09:00

Matrix: Water

Date Received: 11/04/21 15:04

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		11/12/21 14:46	2
4-Bromofluorobenzene (Surr)	99		73 - 120		11/12/21 14:46	2
Toluene-d8 (Surr)	101		80 - 120		11/12/21 14:46	2

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/07/21 15:22	11/09/21 17:46	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/07/21 15:22	11/09/21 17:46	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/07/21 15:22	11/09/21 17:46	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/07/21 15:22	11/09/21 17:46	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/07/21 15:22	11/09/21 17:46	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/07/21 15:22	11/09/21 17:46	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/07/21 15:22	11/09/21 17:46	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/07/21 15:22	11/09/21 17:46	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/07/21 15:22	11/09/21 17:46	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/07/21 15:22	11/09/21 17:46	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/07/21 15:22	11/09/21 17:46	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/07/21 15:22	11/09/21 17:46	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/07/21 15:22	11/09/21 17:46	1
2-Nitroaniline	ND		10	0.42	ug/L		11/07/21 15:22	11/09/21 17:46	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/07/21 15:22	11/09/21 17:46	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/07/21 15:22	11/09/21 17:46	1
3-Nitroaniline	ND		10	0.48	ug/L		11/07/21 15:22	11/09/21 17:46	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/07/21 15:22	11/09/21 17:46	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/07/21 15:22	11/09/21 17:46	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/07/21 15:22	11/09/21 17:46	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/07/21 15:22	11/09/21 17:46	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/07/21 15:22	11/09/21 17:46	1
4-Methylphenol	67	E	10	0.36	ug/L		11/07/21 15:22	11/09/21 17:46	1
4-Nitroaniline	ND		10	0.25	ug/L		11/07/21 15:22	11/09/21 17:46	1
4-Nitrophenol	ND		10	1.5	ug/L		11/07/21 15:22	11/09/21 17:46	1
Acenaphthene	ND		5.0	0.41	ug/L		11/07/21 15:22	11/09/21 17:46	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/07/21 15:22	11/09/21 17:46	1
Acetophenone	ND		5.0	0.54	ug/L		11/07/21 15:22	11/09/21 17:46	1
Anthracene	ND		5.0	0.28	ug/L		11/07/21 15:22	11/09/21 17:46	1
Atrazine	ND		5.0	0.46	ug/L		11/07/21 15:22	11/09/21 17:46	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/07/21 15:22	11/09/21 17:46	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/07/21 15:22	11/09/21 17:46	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/07/21 15:22	11/09/21 17:46	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/07/21 15:22	11/09/21 17:46	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/07/21 15:22	11/09/21 17:46	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/07/21 15:22	11/09/21 17:46	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/07/21 15:22	11/09/21 17:46	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/07/21 15:22	11/09/21 17:46	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/07/21 15:22	11/09/21 17:46	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/07/21 15:22	11/09/21 17:46	1
Caprolactam	ND		5.0	2.2	ug/L		11/07/21 15:22	11/09/21 17:46	1
Carbazole	ND		5.0	0.30	ug/L		11/07/21 15:22	11/09/21 17:46	1
Chrysene	ND		5.0	0.33	ug/L		11/07/21 15:22	11/09/21 17:46	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/07/21 15:22	11/09/21 17:46	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191913-1

Client Sample ID: OW-13

Lab Sample ID: 480-191913-1

Date Collected: 11/04/21 09:00

Matrix: Water

Date Received: 11/04/21 15:04

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/07/21 15:22	11/09/21 17:46	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/07/21 15:22	11/09/21 17:46	1
Dibenzofuran	ND		10	0.51	ug/L		11/07/21 15:22	11/09/21 17:46	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/07/21 15:22	11/09/21 17:46	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/07/21 15:22	11/09/21 17:46	1
Fluoranthene	ND		5.0	0.40	ug/L		11/07/21 15:22	11/09/21 17:46	1
Fluorene	ND		5.0	0.36	ug/L		11/07/21 15:22	11/09/21 17:46	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/07/21 15:22	11/09/21 17:46	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/07/21 15:22	11/09/21 17:46	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/07/21 15:22	11/09/21 17:46	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/07/21 15:22	11/09/21 17:46	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/07/21 15:22	11/09/21 17:46	1
Isophorone	ND		5.0	0.43	ug/L		11/07/21 15:22	11/09/21 17:46	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/07/21 15:22	11/09/21 17:46	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/07/21 15:22	11/09/21 17:46	1
Naphthalene	ND		5.0	0.76	ug/L		11/07/21 15:22	11/09/21 17:46	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/07/21 15:22	11/09/21 17:46	1
Pentachlorophenol	ND		10	2.2	ug/L		11/07/21 15:22	11/09/21 17:46	1
Phenanthrene	ND		5.0	0.44	ug/L		11/07/21 15:22	11/09/21 17:46	1
Phenol	3.0	J	5.0	0.39	ug/L		11/07/21 15:22	11/09/21 17:46	1
Pyrene	ND		5.0	0.34	ug/L		11/07/21 15:22	11/09/21 17:46	1
Benzoic acid	ND		150	100	ug/L		11/07/21 15:22	11/09/21 17:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	118		41 - 120	11/07/21 15:22	11/09/21 17:46	1
2-Fluorobiphenyl	88		48 - 120	11/07/21 15:22	11/09/21 17:46	1
2-Fluorophenol	66		35 - 120	11/07/21 15:22	11/09/21 17:46	1
Nitrobenzene-d5	79		46 - 120	11/07/21 15:22	11/09/21 17:46	1
p-Terphenyl-d14	71		60 - 148	11/07/21 15:22	11/09/21 17:46	1
Phenol-d5	51		22 - 120	11/07/21 15:22	11/09/21 17:46	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		25	3.3	ug/L		11/07/21 15:22	11/10/21 15:33	5
bis (2-chloroisopropyl) ether	ND		25	2.6	ug/L		11/07/21 15:22	11/10/21 15:33	5
2,4,5-Trichlorophenol	ND		25	2.4	ug/L		11/07/21 15:22	11/10/21 15:33	5
2,4,6-Trichlorophenol	ND		25	3.1	ug/L		11/07/21 15:22	11/10/21 15:33	5
2,4-Dichlorophenol	ND		25	2.6	ug/L		11/07/21 15:22	11/10/21 15:33	5
2,4-Dimethylphenol	ND		25	2.5	ug/L		11/07/21 15:22	11/10/21 15:33	5
2,4-Dinitrophenol	ND		50	11	ug/L		11/07/21 15:22	11/10/21 15:33	5
2,4-Dinitrotoluene	ND		25	2.2	ug/L		11/07/21 15:22	11/10/21 15:33	5
2,6-Dinitrotoluene	ND		25	2.0	ug/L		11/07/21 15:22	11/10/21 15:33	5
2-Chloronaphthalene	ND		25	2.3	ug/L		11/07/21 15:22	11/10/21 15:33	5
2-Chlorophenol	ND		25	2.7	ug/L		11/07/21 15:22	11/10/21 15:33	5
2-Methylnaphthalene	ND		25	3.0	ug/L		11/07/21 15:22	11/10/21 15:33	5
2-Methylphenol	ND		25	2.0	ug/L		11/07/21 15:22	11/10/21 15:33	5
2-Nitroaniline	ND		50	2.1	ug/L		11/07/21 15:22	11/10/21 15:33	5
2-Nitrophenol	ND		25	2.4	ug/L		11/07/21 15:22	11/10/21 15:33	5
3,3'-Dichlorobenzidine	ND		25	2.0	ug/L		11/07/21 15:22	11/10/21 15:33	5
3-Nitroaniline	ND		50	2.4	ug/L		11/07/21 15:22	11/10/21 15:33	5

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191913-1

Client Sample ID: OW-13

Lab Sample ID: 480-191913-1

Date Collected: 11/04/21 09:00

Matrix: Water

Date Received: 11/04/21 15:04

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,6-Dinitro-2-methylphenol	ND		50	11	ug/L		11/07/21 15:22	11/10/21 15:33	5
4-Bromophenyl phenyl ether	ND		25	2.3	ug/L		11/07/21 15:22	11/10/21 15:33	5
4-Chloro-3-methylphenol	ND		25	2.3	ug/L		11/07/21 15:22	11/10/21 15:33	5
4-Chloroaniline	ND		25	3.0	ug/L		11/07/21 15:22	11/10/21 15:33	5
4-Chlorophenyl phenyl ether	ND		25	1.8	ug/L		11/07/21 15:22	11/10/21 15:33	5
4-Methylphenol	63		50	1.8	ug/L		11/07/21 15:22	11/10/21 15:33	5
4-Nitroaniline	ND		50	1.3	ug/L		11/07/21 15:22	11/10/21 15:33	5
4-Nitrophenol	ND		50	7.6	ug/L		11/07/21 15:22	11/10/21 15:33	5
Acenaphthene	ND		25	2.1	ug/L		11/07/21 15:22	11/10/21 15:33	5
Acenaphthylene	ND		25	1.9	ug/L		11/07/21 15:22	11/10/21 15:33	5
Acetophenone	ND		25	2.7	ug/L		11/07/21 15:22	11/10/21 15:33	5
Anthracene	ND		25	1.4	ug/L		11/07/21 15:22	11/10/21 15:33	5
Atrazine	ND		25	2.3	ug/L		11/07/21 15:22	11/10/21 15:33	5
Benzaldehyde	ND		25	1.3	ug/L		11/07/21 15:22	11/10/21 15:33	5
Benzo(a)anthracene	ND		25	1.8	ug/L		11/07/21 15:22	11/10/21 15:33	5
Benzo(a)pyrene	ND		25	2.4	ug/L		11/07/21 15:22	11/10/21 15:33	5
Benzo(b)fluoranthene	ND		25	1.7	ug/L		11/07/21 15:22	11/10/21 15:33	5
Benzo(g,h,i)perylene	ND		25	1.8	ug/L		11/07/21 15:22	11/10/21 15:33	5
Benzo(k)fluoranthene	ND		25	3.7	ug/L		11/07/21 15:22	11/10/21 15:33	5
Bis(2-chloroethoxy)methane	ND		25	1.8	ug/L		11/07/21 15:22	11/10/21 15:33	5
Bis(2-chloroethyl)ether	ND		25	2.0	ug/L		11/07/21 15:22	11/10/21 15:33	5
Bis(2-ethylhexyl) phthalate	ND		25	11	ug/L		11/07/21 15:22	11/10/21 15:33	5
Butyl benzyl phthalate	ND		25	5.0	ug/L		11/07/21 15:22	11/10/21 15:33	5
Caprolactam	ND		25	11	ug/L		11/07/21 15:22	11/10/21 15:33	5
Carbazole	ND		25	1.5	ug/L		11/07/21 15:22	11/10/21 15:33	5
Chrysene	ND		25	1.7	ug/L		11/07/21 15:22	11/10/21 15:33	5
Di-n-butyl phthalate	ND		25	1.6	ug/L		11/07/21 15:22	11/10/21 15:33	5
Di-n-octyl phthalate	ND		25	2.4	ug/L		11/07/21 15:22	11/10/21 15:33	5
Dibenz(a,h)anthracene	ND		25	2.1	ug/L		11/07/21 15:22	11/10/21 15:33	5
Dibenzofuran	ND		50	2.6	ug/L		11/07/21 15:22	11/10/21 15:33	5
Diethyl phthalate	ND		25	1.1	ug/L		11/07/21 15:22	11/10/21 15:33	5
Dimethyl phthalate	ND		25	1.8	ug/L		11/07/21 15:22	11/10/21 15:33	5
Fluoranthene	ND		25	2.0	ug/L		11/07/21 15:22	11/10/21 15:33	5
Fluorene	ND		25	1.8	ug/L		11/07/21 15:22	11/10/21 15:33	5
Hexachlorobenzene	ND		25	2.6	ug/L		11/07/21 15:22	11/10/21 15:33	5
Hexachlorobutadiene	ND		25	3.4	ug/L		11/07/21 15:22	11/10/21 15:33	5
Hexachlorocyclopentadiene	ND		25	3.0	ug/L		11/07/21 15:22	11/10/21 15:33	5
Hexachloroethane	ND		25	3.0	ug/L		11/07/21 15:22	11/10/21 15:33	5
Indeno(1,2,3-cd)pyrene	ND		25	2.4	ug/L		11/07/21 15:22	11/10/21 15:33	5
Isophorone	ND		25	2.2	ug/L		11/07/21 15:22	11/10/21 15:33	5
N-Nitrosodi-n-propylamine	ND		25	2.7	ug/L		11/07/21 15:22	11/10/21 15:33	5
N-Nitrosodiphenylamine	ND		25	2.6	ug/L		11/07/21 15:22	11/10/21 15:33	5
Naphthalene	ND		25	3.8	ug/L		11/07/21 15:22	11/10/21 15:33	5
Nitrobenzene	ND		25	1.5	ug/L		11/07/21 15:22	11/10/21 15:33	5
Pentachlorophenol	ND		50	11	ug/L		11/07/21 15:22	11/10/21 15:33	5
Phenanthrene	ND		25	2.2	ug/L		11/07/21 15:22	11/10/21 15:33	5
Phenol	2.9 J		25	2.0	ug/L		11/07/21 15:22	11/10/21 15:33	5
Pyrene	ND		25	1.7	ug/L		11/07/21 15:22	11/10/21 15:33	5
Benzoic acid	ND		750	500	ug/L		11/07/21 15:22	11/10/21 15:33	5

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191913-1

Client Sample ID: OW-13

Lab Sample ID: 480-191913-1

Date Collected: 11/04/21 09:00

Matrix: Water

Date Received: 11/04/21 15:04

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	95		41 - 120	11/07/21 15:22	11/10/21 15:33	5
2-Fluorobiphenyl	95		48 - 120	11/07/21 15:22	11/10/21 15:33	5
2-Fluorophenol	63		35 - 120	11/07/21 15:22	11/10/21 15:33	5
Nitrobenzene-d5	76		46 - 120	11/07/21 15:22	11/10/21 15:33	5
p-Terphenyl-d14	72		60 - 148	11/07/21 15:22	11/10/21 15:33	5
Phenol-d5	44		22 - 120	11/07/21 15:22	11/10/21 15:33	5

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.25	0.046	ug/L		11/05/21 14:20	11/08/21 10:58	1
4,4'-DDE	ND		0.25	0.058	ug/L		11/05/21 14:20	11/08/21 10:58	1
4,4'-DDT	ND		0.25	0.055	ug/L		11/05/21 14:20	11/08/21 10:58	1
Aldrin	ND		0.25	0.041	ug/L		11/05/21 14:20	11/08/21 10:58	1
alpha-BHC	ND		0.25	0.039	ug/L		11/05/21 14:20	11/08/21 10:58	1
cis-Chlordane	ND		0.25	0.074	ug/L		11/05/21 14:20	11/08/21 10:58	1
beta-BHC	ND		0.25	0.12	ug/L		11/05/21 14:20	11/08/21 10:58	1
delta-BHC	ND		0.25	0.050	ug/L		11/05/21 14:20	11/08/21 10:58	1
Dieldrin	ND		0.25	0.049	ug/L		11/05/21 14:20	11/08/21 10:58	1
Endosulfan I	ND		0.25	0.055	ug/L		11/05/21 14:20	11/08/21 10:58	1
Endosulfan II	ND		0.25	0.060	ug/L		11/05/21 14:20	11/08/21 10:58	1
Endosulfan sulfate	ND		0.25	0.079	ug/L		11/05/21 14:20	11/08/21 10:58	1
Endrin	ND		0.25	0.069	ug/L		11/05/21 14:20	11/08/21 10:58	1
Endrin aldehyde	ND		0.25	0.082	ug/L		11/05/21 14:20	11/08/21 10:58	1
Endrin ketone	ND		0.25	0.060	ug/L		11/05/21 14:20	11/08/21 10:58	1
gamma-BHC (Lindane)	ND		0.25	0.040	ug/L		11/05/21 14:20	11/08/21 10:58	1
trans-Chlordane	ND		0.25	0.055	ug/L		11/05/21 14:20	11/08/21 10:58	1
Heptachlor	ND		0.25	0.043	ug/L		11/05/21 14:20	11/08/21 10:58	1
Heptachlor epoxide	ND		0.25	0.037	ug/L		11/05/21 14:20	11/08/21 10:58	1
Methoxychlor	ND		0.25	0.071	ug/L		11/05/21 14:20	11/08/21 10:58	1
Toxaphene	ND		2.5	0.60	ug/L		11/05/21 14:20	11/08/21 10:58	1
Mirex	ND		0.25	0.048	ug/L		11/05/21 14:20	11/08/21 10:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	61		20 - 120	11/05/21 14:20	11/08/21 10:58	1
DCB Decachlorobiphenyl	52		20 - 120	11/05/21 14:20	11/08/21 10:58	1
Tetrachloro-m-xylene	77		44 - 120	11/05/21 14:20	11/08/21 10:58	1
Tetrachloro-m-xylene	74		44 - 120	11/05/21 14:20	11/08/21 10:58	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 23:01	1
PCB-1221	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 23:01	1
PCB-1232	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 23:01	1
PCB-1242	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 23:01	1
PCB-1248	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 23:01	1
PCB-1254	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 23:01	1
PCB-1260	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 23:01	1
PCB-1262	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 23:01	1
PCB-1268	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 23:01	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191913-1

Client Sample ID: OW-13

Lab Sample ID: 480-191913-1

Date Collected: 11/04/21 09:00

Matrix: Water

Date Received: 11/04/21 15:04

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	66		39 - 121	11/08/21 10:26	11/08/21 23:01	1
Tetrachloro-m-xylene	71		39 - 121	11/08/21 10:26	11/08/21 23:01	1
DCB Decachlorobiphenyl	79		19 - 120	11/08/21 10:26	11/08/21 23:01	1
DCB Decachlorobiphenyl	45		19 - 120	11/08/21 10:26	11/08/21 23:01	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.12	J	0.20	0.060	mg/L		11/10/21 09:20	11/11/21 20:47	1
Antimony	ND		0.020	0.0068	mg/L		11/10/21 09:20	11/11/21 20:47	1
Arsenic	0.039		0.015	0.0056	mg/L		11/10/21 09:20	11/11/21 20:47	1
Barium	0.37		0.0020	0.00070	mg/L		11/10/21 09:20	11/11/21 20:47	1
Beryllium	ND		0.0020	0.00030	mg/L		11/10/21 09:20	11/11/21 20:47	1
Cadmium	0.0012	J	0.0020	0.00050	mg/L		11/10/21 09:20	11/11/21 20:47	1
Calcium	458		0.50	0.10	mg/L		11/10/21 09:20	11/11/21 20:47	1
Chromium	0.0035	J	0.0040	0.0010	mg/L		11/10/21 09:20	11/11/21 20:47	1
Cobalt	0.0058		0.0040	0.00063	mg/L		11/10/21 09:20	11/11/21 20:47	1
Copper	0.013		0.010	0.0016	mg/L		11/10/21 09:20	11/11/21 20:47	1
Iron	47.4		0.050	0.019	mg/L		11/10/21 09:20	11/11/21 20:47	1
Lead	0.015		0.010	0.0030	mg/L		11/10/21 09:20	11/11/21 20:47	1
Magnesium	167		0.20	0.043	mg/L		11/10/21 09:20	11/11/21 20:47	1
Manganese	2.4		0.0030	0.00040	mg/L		11/10/21 09:20	11/11/21 20:47	1
Nickel	0.012		0.010	0.0013	mg/L		11/10/21 09:20	11/11/21 20:47	1
Potassium	22.6		0.50	0.10	mg/L		11/10/21 09:20	11/11/21 20:47	1
Selenium	ND		0.025	0.0087	mg/L		11/10/21 09:20	11/11/21 20:47	1
Silver	ND		0.0060	0.0017	mg/L		11/10/21 09:20	11/11/21 20:47	1
Sodium	83.9		1.0	0.32	mg/L		11/10/21 09:20	11/11/21 20:47	1
Thallium	ND		0.020	0.010	mg/L		11/10/21 09:20	11/11/21 20:47	1
Vanadium	0.0040	J	0.0050	0.0015	mg/L		11/10/21 09:20	11/11/21 20:47	1
Zinc	0.093	B	0.010	0.0015	mg/L		11/10/21 09:20	11/11/21 20:47	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000067	J	0.00020	0.000043	mg/L		11/11/21 10:58	11/11/21 15:03	1

Well OW-14B

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: OW - 14B

Lab Sample ID: 480-191735-1

Date Collected: 11/01/21 09:40

Matrix: Water

Date Received: 11/01/21 16:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/05/21 13:58	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/05/21 13:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/05/21 13:58	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/05/21 13:58	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/05/21 13:58	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/05/21 13:58	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/05/21 13:58	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/05/21 13:58	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/05/21 13:58	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/05/21 13:58	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/05/21 13:58	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/05/21 13:58	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/05/21 13:58	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/05/21 13:58	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/05/21 13:58	1
2-Hexanone	ND		5.0	1.2	ug/L			11/05/21 13:58	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/05/21 13:58	1
Acetone	ND		10	3.0	ug/L			11/05/21 13:58	1
Benzene	ND		1.0	0.41	ug/L			11/05/21 13:58	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/05/21 13:58	1
Bromoform	ND		1.0	0.26	ug/L			11/05/21 13:58	1
Bromomethane	ND		1.0	0.69	ug/L			11/05/21 13:58	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/05/21 13:58	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/05/21 13:58	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/05/21 13:58	1
Chloroethane	ND		1.0	0.32	ug/L			11/05/21 13:58	1
Chloroform	ND		1.0	0.34	ug/L			11/05/21 13:58	1
Chloromethane	ND		1.0	0.35	ug/L			11/05/21 13:58	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/05/21 13:58	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/05/21 13:58	1
Cyclohexane	ND		1.0	0.18	ug/L			11/05/21 13:58	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/05/21 13:58	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/05/21 13:58	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/05/21 13:58	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/05/21 13:58	1
Methyl acetate	ND		2.5	1.3	ug/L			11/05/21 13:58	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/05/21 13:58	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/05/21 13:58	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/05/21 13:58	1
Styrene	ND		1.0	0.73	ug/L			11/05/21 13:58	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/05/21 13:58	1
Toluene	ND		1.0	0.51	ug/L			11/05/21 13:58	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/05/21 13:58	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/05/21 13:58	1
Trichloroethene	ND		1.0	0.46	ug/L			11/05/21 13:58	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/05/21 13:58	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/05/21 13:58	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/05/21 13:58	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: OW - 14B

Lab Sample ID: 480-191735-1

Date Collected: 11/01/21 09:40

Matrix: Water

Date Received: 11/01/21 16:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		11/05/21 13:58	1
4-Bromofluorobenzene (Surr)	103		73 - 120		11/05/21 13:58	1
Toluene-d8 (Surr)	100		80 - 120		11/05/21 13:58	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/03/21 07:03	11/05/21 16:36	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/03/21 07:03	11/05/21 16:36	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/03/21 07:03	11/05/21 16:36	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/03/21 07:03	11/05/21 16:36	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/03/21 07:03	11/05/21 16:36	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/03/21 07:03	11/05/21 16:36	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/03/21 07:03	11/05/21 16:36	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/03/21 07:03	11/05/21 16:36	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 16:36	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/03/21 07:03	11/05/21 16:36	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/03/21 07:03	11/05/21 16:36	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/03/21 07:03	11/05/21 16:36	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 16:36	1
2-Nitroaniline	ND		10	0.42	ug/L		11/03/21 07:03	11/05/21 16:36	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/03/21 07:03	11/05/21 16:36	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 16:36	1
3-Nitroaniline	ND		10	0.48	ug/L		11/03/21 07:03	11/05/21 16:36	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/03/21 07:03	11/05/21 16:36	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/03/21 07:03	11/05/21 16:36	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/03/21 07:03	11/05/21 16:36	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/03/21 07:03	11/05/21 16:36	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/03/21 07:03	11/05/21 16:36	1
4-Methylphenol	ND		10	0.36	ug/L		11/03/21 07:03	11/05/21 16:36	1
4-Nitroaniline	ND		10	0.25	ug/L		11/03/21 07:03	11/05/21 16:36	1
4-Nitrophenol	ND		10	1.5	ug/L		11/03/21 07:03	11/05/21 16:36	1
Acenaphthene	ND		5.0	0.41	ug/L		11/03/21 07:03	11/05/21 16:36	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/03/21 07:03	11/05/21 16:36	1
Acetophenone	ND		5.0	0.54	ug/L		11/03/21 07:03	11/05/21 16:36	1
Anthracene	ND		5.0	0.28	ug/L		11/03/21 07:03	11/05/21 16:36	1
Atrazine	ND		5.0	0.46	ug/L		11/03/21 07:03	11/05/21 16:36	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/03/21 07:03	11/05/21 16:36	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/03/21 07:03	11/05/21 16:36	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/03/21 07:03	11/05/21 16:36	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/03/21 07:03	11/05/21 16:36	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/03/21 07:03	11/05/21 16:36	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/03/21 07:03	11/05/21 16:36	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/03/21 07:03	11/05/21 16:36	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 16:36	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/03/21 07:03	11/05/21 16:36	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/03/21 07:03	11/05/21 16:36	1
Caprolactam	ND		5.0	2.2	ug/L		11/03/21 07:03	11/05/21 16:36	1
Carbazole	ND		5.0	0.30	ug/L		11/03/21 07:03	11/05/21 16:36	1
Chrysene	ND		5.0	0.33	ug/L		11/03/21 07:03	11/05/21 16:36	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/03/21 07:03	11/05/21 16:36	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: OW - 14B

Lab Sample ID: 480-191735-1

Date Collected: 11/01/21 09:40

Matrix: Water

Date Received: 11/01/21 16:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/03/21 07:03	11/05/21 16:36	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/03/21 07:03	11/05/21 16:36	1
Dibenzofuran	ND		10	0.51	ug/L		11/03/21 07:03	11/05/21 16:36	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/03/21 07:03	11/05/21 16:36	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/03/21 07:03	11/05/21 16:36	1
Fluoranthene	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 16:36	1
Fluorene	ND		5.0	0.36	ug/L		11/03/21 07:03	11/05/21 16:36	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/03/21 07:03	11/05/21 16:36	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/03/21 07:03	11/05/21 16:36	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/03/21 07:03	11/05/21 16:36	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/03/21 07:03	11/05/21 16:36	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/03/21 07:03	11/05/21 16:36	1
Isophorone	ND		5.0	0.43	ug/L		11/03/21 07:03	11/05/21 16:36	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/03/21 07:03	11/05/21 16:36	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/03/21 07:03	11/05/21 16:36	1
Naphthalene	ND		5.0	0.76	ug/L		11/03/21 07:03	11/05/21 16:36	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/03/21 07:03	11/05/21 16:36	1
Pentachlorophenol	ND		10	2.2	ug/L		11/03/21 07:03	11/05/21 16:36	1
Phenanthrene	ND		5.0	0.44	ug/L		11/03/21 07:03	11/05/21 16:36	1
Phenol	ND		5.0	0.39	ug/L		11/03/21 07:03	11/05/21 16:36	1
Pyrene	ND		5.0	0.34	ug/L		11/03/21 07:03	11/05/21 16:36	1
Benzoic acid	ND		150	100	ug/L		11/03/21 07:03	11/05/21 16:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	114		41 - 120	11/03/21 07:03	11/05/21 16:36	1
2-Fluorobiphenyl	117		48 - 120	11/03/21 07:03	11/05/21 16:36	1
2-Fluorophenol	86		35 - 120	11/03/21 07:03	11/05/21 16:36	1
Nitrobenzene-d5	97		46 - 120	11/03/21 07:03	11/05/21 16:36	1
p-Terphenyl-d14	94		60 - 148	11/03/21 07:03	11/05/21 16:36	1
Phenol-d5	63		22 - 120	11/03/21 07:03	11/05/21 16:36	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/04/21 09:15	11/04/21 16:56	1
4,4'-DDE	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 16:56	1
4,4'-DDT	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 16:56	1
Aldrin	ND		0.050	0.0081	ug/L		11/04/21 09:15	11/04/21 16:56	1
alpha-BHC	ND		0.050	0.0077	ug/L		11/04/21 09:15	11/04/21 16:56	1
cis-Chlordane	ND		0.050	0.015	ug/L		11/04/21 09:15	11/04/21 16:56	1
beta-BHC	ND		0.050	0.025	ug/L		11/04/21 09:15	11/04/21 16:56	1
delta-BHC	ND		0.050	0.010	ug/L		11/04/21 09:15	11/04/21 16:56	1
Dieldrin	ND		0.050	0.0098	ug/L		11/04/21 09:15	11/04/21 16:56	1
Endosulfan I	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 16:56	1
Endosulfan II	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 16:56	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		11/04/21 09:15	11/04/21 16:56	1
Endrin	ND		0.050	0.014	ug/L		11/04/21 09:15	11/04/21 16:56	1
Endrin aldehyde	ND		0.050	0.016	ug/L		11/04/21 09:15	11/04/21 16:56	1
Endrin ketone	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 16:56	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		11/04/21 09:15	11/04/21 16:56	1
trans-Chlordane	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 16:56	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: OW - 14B

Lab Sample ID: 480-191735-1

Date Collected: 11/01/21 09:40

Matrix: Water

Date Received: 11/01/21 16:00

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.050	0.0085	ug/L		11/04/21 09:15	11/04/21 16:56	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		11/04/21 09:15	11/04/21 16:56	1
Methoxychlor	ND		0.050	0.014	ug/L		11/04/21 09:15	11/04/21 16:56	1
Toxaphene	ND		0.50	0.12	ug/L		11/04/21 09:15	11/04/21 16:56	1
Mirex	ND		0.050	0.0096	ug/L		11/04/21 09:15	11/04/21 16:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	61		20 - 120	11/04/21 09:15	11/04/21 16:56	1
DCB Decachlorobiphenyl	59		20 - 120	11/04/21 09:15	11/04/21 16:56	1
Tetrachloro-m-xylene	76		44 - 120	11/04/21 09:15	11/04/21 16:56	1
Tetrachloro-m-xylene	76		44 - 120	11/04/21 09:15	11/04/21 16:56	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 20:05	1
PCB-1221	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 20:05	1
PCB-1232	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 20:05	1
PCB-1242	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 20:05	1
PCB-1248	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 20:05	1
PCB-1254	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 20:05	1
PCB-1260	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 20:05	1
PCB-1262	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 20:05	1
PCB-1268	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 20:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	95		39 - 121	11/02/21 14:23	11/03/21 20:05	1
Tetrachloro-m-xylene	93		39 - 121	11/02/21 14:23	11/03/21 20:05	1
DCB Decachlorobiphenyl	85		19 - 120	11/02/21 14:23	11/03/21 20:05	1
DCB Decachlorobiphenyl	48		19 - 120	11/02/21 14:23	11/03/21 20:05	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/04/21 09:20	11/08/21 13:58	1
Antimony	ND		0.020	0.0068	mg/L		11/04/21 09:20	11/08/21 13:58	1
Arsenic	ND		0.015	0.0056	mg/L		11/04/21 09:20	11/08/21 13:58	1
Barium	0.025		0.0020	0.00070	mg/L		11/04/21 09:20	11/08/21 13:58	1
Beryllium	ND		0.0020	0.00030	mg/L		11/04/21 09:20	11/08/21 13:58	1
Cadmium	ND		0.0020	0.00050	mg/L		11/04/21 09:20	11/08/21 13:58	1
Calcium	397		0.50	0.10	mg/L		11/04/21 09:20	11/08/21 13:58	1
Chromium	ND		0.0040	0.0010	mg/L		11/04/21 09:20	11/08/21 13:58	1
Cobalt	0.0012	J	0.0040	0.00063	mg/L		11/04/21 09:20	11/08/21 13:58	1
Copper	0.0019	J	0.010	0.0016	mg/L		11/04/21 09:20	11/08/21 13:58	1
Iron	2.1		0.050	0.019	mg/L		11/04/21 09:20	11/08/21 13:58	1
Lead	0.0032	J	0.010	0.0030	mg/L		11/04/21 09:20	11/08/21 13:58	1
Magnesium	70.2		0.20	0.043	mg/L		11/04/21 09:20	11/08/21 13:58	1
Manganese	1.1	B	0.0030	0.00040	mg/L		11/04/21 09:20	11/08/21 13:58	1
Nickel	0.0018	J	0.010	0.0013	mg/L		11/04/21 09:20	11/08/21 13:58	1
Potassium	1.9	B	0.50	0.10	mg/L		11/04/21 09:20	11/08/21 13:58	1
Selenium	ND		0.025	0.0087	mg/L		11/04/21 09:20	11/08/21 13:58	1
Silver	ND		0.0060	0.0017	mg/L		11/04/21 09:20	11/08/21 13:58	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: OW - 14B

Lab Sample ID: 480-191735-1

Date Collected: 11/01/21 09:40

Matrix: Water

Date Received: 11/01/21 16:00

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	42.8		1.0	0.32	mg/L		11/04/21 09:20	11/08/21 13:58	1
Thallium	ND		0.020	0.010	mg/L		11/04/21 09:20	11/08/21 13:58	1
Vanadium	ND		0.0050	0.0015	mg/L		11/04/21 09:20	11/08/21 13:58	1
Zinc	0.0026	J B	0.010	0.0015	mg/L		11/04/21 09:20	11/08/21 13:58	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		11/08/21 13:57	11/08/21 17:55	1

Well OW-14BR

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: OW - 14BR

Lab Sample ID: 480-191735-2

Date Collected: 11/01/21 10:45

Matrix: Water

Date Received: 11/01/21 16:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/05/21 14:22	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/05/21 14:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/05/21 14:22	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/05/21 14:22	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/05/21 14:22	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/05/21 14:22	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/05/21 14:22	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/05/21 14:22	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/05/21 14:22	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/05/21 14:22	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/05/21 14:22	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/05/21 14:22	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/05/21 14:22	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/05/21 14:22	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/05/21 14:22	1
2-Hexanone	ND		5.0	1.2	ug/L			11/05/21 14:22	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/05/21 14:22	1
Acetone	ND		10	3.0	ug/L			11/05/21 14:22	1
Benzene	ND		1.0	0.41	ug/L			11/05/21 14:22	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/05/21 14:22	1
Bromoform	ND		1.0	0.26	ug/L			11/05/21 14:22	1
Bromomethane	ND		1.0	0.69	ug/L			11/05/21 14:22	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/05/21 14:22	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/05/21 14:22	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/05/21 14:22	1
Chloroethane	ND		1.0	0.32	ug/L			11/05/21 14:22	1
Chloroform	ND		1.0	0.34	ug/L			11/05/21 14:22	1
Chloromethane	ND		1.0	0.35	ug/L			11/05/21 14:22	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/05/21 14:22	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/05/21 14:22	1
Cyclohexane	ND		1.0	0.18	ug/L			11/05/21 14:22	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/05/21 14:22	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/05/21 14:22	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/05/21 14:22	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/05/21 14:22	1
Methyl acetate	ND		2.5	1.3	ug/L			11/05/21 14:22	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/05/21 14:22	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/05/21 14:22	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/05/21 14:22	1
Styrene	ND		1.0	0.73	ug/L			11/05/21 14:22	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/05/21 14:22	1
Toluene	ND		1.0	0.51	ug/L			11/05/21 14:22	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/05/21 14:22	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/05/21 14:22	1
Trichloroethene	ND		1.0	0.46	ug/L			11/05/21 14:22	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/05/21 14:22	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/05/21 14:22	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/05/21 14:22	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: OW - 14BR

Lab Sample ID: 480-191735-2

Date Collected: 11/01/21 10:45

Matrix: Water

Date Received: 11/01/21 16:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		11/05/21 14:22	1
4-Bromofluorobenzene (Surr)	101		73 - 120		11/05/21 14:22	1
Toluene-d8 (Surr)	97		80 - 120		11/05/21 14:22	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/03/21 07:03	11/05/21 17:04	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/03/21 07:03	11/05/21 17:04	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/03/21 07:03	11/05/21 17:04	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/03/21 07:03	11/05/21 17:04	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/03/21 07:03	11/05/21 17:04	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/03/21 07:03	11/05/21 17:04	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/03/21 07:03	11/05/21 17:04	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/03/21 07:03	11/05/21 17:04	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 17:04	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/03/21 07:03	11/05/21 17:04	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/03/21 07:03	11/05/21 17:04	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/03/21 07:03	11/05/21 17:04	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 17:04	1
2-Nitroaniline	ND		10	0.42	ug/L		11/03/21 07:03	11/05/21 17:04	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/03/21 07:03	11/05/21 17:04	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 17:04	1
3-Nitroaniline	ND		10	0.48	ug/L		11/03/21 07:03	11/05/21 17:04	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/03/21 07:03	11/05/21 17:04	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/03/21 07:03	11/05/21 17:04	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/03/21 07:03	11/05/21 17:04	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/03/21 07:03	11/05/21 17:04	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/03/21 07:03	11/05/21 17:04	1
4-Methylphenol	ND		10	0.36	ug/L		11/03/21 07:03	11/05/21 17:04	1
4-Nitroaniline	ND		10	0.25	ug/L		11/03/21 07:03	11/05/21 17:04	1
4-Nitrophenol	ND		10	1.5	ug/L		11/03/21 07:03	11/05/21 17:04	1
Acenaphthene	ND		5.0	0.41	ug/L		11/03/21 07:03	11/05/21 17:04	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/03/21 07:03	11/05/21 17:04	1
Acetophenone	ND		5.0	0.54	ug/L		11/03/21 07:03	11/05/21 17:04	1
Anthracene	ND		5.0	0.28	ug/L		11/03/21 07:03	11/05/21 17:04	1
Atrazine	ND		5.0	0.46	ug/L		11/03/21 07:03	11/05/21 17:04	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/03/21 07:03	11/05/21 17:04	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/03/21 07:03	11/05/21 17:04	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/03/21 07:03	11/05/21 17:04	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/03/21 07:03	11/05/21 17:04	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/03/21 07:03	11/05/21 17:04	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/03/21 07:03	11/05/21 17:04	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/03/21 07:03	11/05/21 17:04	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 17:04	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/03/21 07:03	11/05/21 17:04	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/03/21 07:03	11/05/21 17:04	1
Caprolactam	ND		5.0	2.2	ug/L		11/03/21 07:03	11/05/21 17:04	1
Carbazole	ND		5.0	0.30	ug/L		11/03/21 07:03	11/05/21 17:04	1
Chrysene	ND		5.0	0.33	ug/L		11/03/21 07:03	11/05/21 17:04	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/03/21 07:03	11/05/21 17:04	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: OW - 14BR

Lab Sample ID: 480-191735-2

Date Collected: 11/01/21 10:45

Matrix: Water

Date Received: 11/01/21 16:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/03/21 07:03	11/05/21 17:04	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/03/21 07:03	11/05/21 17:04	1
Dibenzofuran	ND		10	0.51	ug/L		11/03/21 07:03	11/05/21 17:04	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/03/21 07:03	11/05/21 17:04	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/03/21 07:03	11/05/21 17:04	1
Fluoranthene	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 17:04	1
Fluorene	ND		5.0	0.36	ug/L		11/03/21 07:03	11/05/21 17:04	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/03/21 07:03	11/05/21 17:04	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/03/21 07:03	11/05/21 17:04	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/03/21 07:03	11/05/21 17:04	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/03/21 07:03	11/05/21 17:04	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/03/21 07:03	11/05/21 17:04	1
Isophorone	ND		5.0	0.43	ug/L		11/03/21 07:03	11/05/21 17:04	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/03/21 07:03	11/05/21 17:04	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/03/21 07:03	11/05/21 17:04	1
Naphthalene	ND		5.0	0.76	ug/L		11/03/21 07:03	11/05/21 17:04	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/03/21 07:03	11/05/21 17:04	1
Pentachlorophenol	ND		10	2.2	ug/L		11/03/21 07:03	11/05/21 17:04	1
Phenanthrene	ND		5.0	0.44	ug/L		11/03/21 07:03	11/05/21 17:04	1
Phenol	ND		5.0	0.39	ug/L		11/03/21 07:03	11/05/21 17:04	1
Pyrene	ND		5.0	0.34	ug/L		11/03/21 07:03	11/05/21 17:04	1
Benzoic acid	ND		150	100	ug/L		11/03/21 07:03	11/05/21 17:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	85		41 - 120	11/03/21 07:03	11/05/21 17:04	1
2-Fluorobiphenyl	106		48 - 120	11/03/21 07:03	11/05/21 17:04	1
2-Fluorophenol	74		35 - 120	11/03/21 07:03	11/05/21 17:04	1
Nitrobenzene-d5	86		46 - 120	11/03/21 07:03	11/05/21 17:04	1
p-Terphenyl-d14	79		60 - 148	11/03/21 07:03	11/05/21 17:04	1
Phenol-d5	56		22 - 120	11/03/21 07:03	11/05/21 17:04	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/04/21 09:15	11/04/21 17:15	1
4,4'-DDE	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 17:15	1
4,4'-DDT	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 17:15	1
Aldrin	ND		0.050	0.0081	ug/L		11/04/21 09:15	11/04/21 17:15	1
alpha-BHC	ND		0.050	0.0077	ug/L		11/04/21 09:15	11/04/21 17:15	1
cis-Chlordane	ND		0.050	0.015	ug/L		11/04/21 09:15	11/04/21 17:15	1
beta-BHC	ND		0.050	0.025	ug/L		11/04/21 09:15	11/04/21 17:15	1
delta-BHC	ND		0.050	0.010	ug/L		11/04/21 09:15	11/04/21 17:15	1
Dieldrin	ND		0.050	0.0098	ug/L		11/04/21 09:15	11/04/21 17:15	1
Endosulfan I	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 17:15	1
Endosulfan II	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 17:15	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		11/04/21 09:15	11/04/21 17:15	1
Endrin	ND		0.050	0.014	ug/L		11/04/21 09:15	11/04/21 17:15	1
Endrin aldehyde	ND		0.050	0.016	ug/L		11/04/21 09:15	11/04/21 17:15	1
Endrin ketone	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 17:15	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		11/04/21 09:15	11/04/21 17:15	1
trans-Chlordane	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 17:15	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: OW - 14BR

Lab Sample ID: 480-191735-2

Date Collected: 11/01/21 10:45

Matrix: Water

Date Received: 11/01/21 16:00

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.050	0.0085	ug/L		11/04/21 09:15	11/04/21 17:15	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		11/04/21 09:15	11/04/21 17:15	1
Methoxychlor	ND		0.050	0.014	ug/L		11/04/21 09:15	11/04/21 17:15	1
Toxaphene	ND		0.50	0.12	ug/L		11/04/21 09:15	11/04/21 17:15	1
Mirex	ND		0.050	0.0096	ug/L		11/04/21 09:15	11/04/21 17:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	59		20 - 120	11/04/21 09:15	11/04/21 17:15	1
DCB Decachlorobiphenyl	55		20 - 120	11/04/21 09:15	11/04/21 17:15	1
Tetrachloro-m-xylene	69		44 - 120	11/04/21 09:15	11/04/21 17:15	1
Tetrachloro-m-xylene	76		44 - 120	11/04/21 09:15	11/04/21 17:15	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 20:18	1
PCB-1221	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 20:18	1
PCB-1232	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 20:18	1
PCB-1242	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 20:18	1
PCB-1248	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 20:18	1
PCB-1254	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 20:18	1
PCB-1260	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 20:18	1
PCB-1262	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 20:18	1
PCB-1268	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 20:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	83		39 - 121	11/02/21 14:23	11/03/21 20:18	1
Tetrachloro-m-xylene	84		39 - 121	11/02/21 14:23	11/03/21 20:18	1
DCB Decachlorobiphenyl	77		19 - 120	11/02/21 14:23	11/03/21 20:18	1
DCB Decachlorobiphenyl	45		19 - 120	11/02/21 14:23	11/03/21 20:18	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/04/21 09:20	11/08/21 14:01	1
Antimony	ND		0.020	0.0068	mg/L		11/04/21 09:20	11/08/21 14:01	1
Arsenic	ND		0.015	0.0056	mg/L		11/04/21 09:20	11/08/21 14:01	1
Barium	0.053		0.0020	0.00070	mg/L		11/04/21 09:20	11/08/21 14:01	1
Beryllium	ND		0.0020	0.00030	mg/L		11/04/21 09:20	11/08/21 14:01	1
Cadmium	ND		0.0020	0.00050	mg/L		11/04/21 09:20	11/08/21 14:01	1
Calcium	205		0.50	0.10	mg/L		11/04/21 09:20	11/08/21 14:01	1
Chromium	ND		0.0040	0.0010	mg/L		11/04/21 09:20	11/08/21 14:01	1
Cobalt	0.0019	J	0.0040	0.00063	mg/L		11/04/21 09:20	11/08/21 14:01	1
Copper	ND		0.010	0.0016	mg/L		11/04/21 09:20	11/08/21 14:01	1
Iron	0.26		0.050	0.019	mg/L		11/04/21 09:20	11/08/21 14:01	1
Lead	ND		0.010	0.0030	mg/L		11/04/21 09:20	11/08/21 14:01	1
Magnesium	41.8		0.20	0.043	mg/L		11/04/21 09:20	11/08/21 14:01	1
Manganese	1.8	B	0.0030	0.00040	mg/L		11/04/21 09:20	11/08/21 14:01	1
Nickel	0.0031	J	0.010	0.0013	mg/L		11/04/21 09:20	11/08/21 14:01	1
Potassium	7.6	B	0.50	0.10	mg/L		11/04/21 09:20	11/08/21 14:01	1
Selenium	ND		0.025	0.0087	mg/L		11/04/21 09:20	11/08/21 14:01	1
Silver	ND		0.0060	0.0017	mg/L		11/04/21 09:20	11/08/21 14:01	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: OW - 14BR

Lab Sample ID: 480-191735-2

Date Collected: 11/01/21 10:45

Matrix: Water

Date Received: 11/01/21 16:00

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	18.4		1.0	0.32	mg/L		11/04/21 09:20	11/08/21 14:01	1
Thallium	ND		0.020	0.010	mg/L		11/04/21 09:20	11/08/21 14:01	1
Vanadium	ND		0.0050	0.0015	mg/L		11/04/21 09:20	11/08/21 14:01	1
Zinc	0.0049	J B	0.010	0.0015	mg/L		11/04/21 09:20	11/08/21 14:01	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		11/09/21 13:30	11/09/21 16:17	1

Well OW-16

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191913-1

Client Sample ID: OW-16

Lab Sample ID: 480-191913-3

Date Collected: 11/04/21 13:05

Matrix: Water

Date Received: 11/04/21 15:04

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			11/12/21 15:32	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			11/12/21 15:32	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			11/12/21 15:32	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			11/12/21 15:32	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			11/12/21 15:32	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			11/12/21 15:32	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			11/12/21 15:32	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			11/12/21 15:32	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			11/12/21 15:32	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			11/12/21 15:32	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			11/12/21 15:32	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			11/12/21 15:32	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			11/12/21 15:32	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			11/12/21 15:32	4
2-Butanone (MEK)	ND		40	5.3	ug/L			11/12/21 15:32	4
2-Hexanone	ND		20	5.0	ug/L			11/12/21 15:32	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			11/12/21 15:32	4
Acetone	ND		40	12	ug/L			11/12/21 15:32	4
Benzene	ND		4.0	1.6	ug/L			11/12/21 15:32	4
Bromodichloromethane	ND		4.0	1.6	ug/L			11/12/21 15:32	4
Bromoform	ND		4.0	1.0	ug/L			11/12/21 15:32	4
Bromomethane	ND		4.0	2.8	ug/L			11/12/21 15:32	4
Carbon disulfide	ND		4.0	0.76	ug/L			11/12/21 15:32	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			11/12/21 15:32	4
Chlorobenzene	7.8		4.0	3.0	ug/L			11/12/21 15:32	4
Chloroethane	ND		4.0	1.3	ug/L			11/12/21 15:32	4
Chloroform	ND		4.0	1.4	ug/L			11/12/21 15:32	4
Chloromethane	ND		4.0	1.4	ug/L			11/12/21 15:32	4
cis-1,2-Dichloroethene	ND		4.0	3.2	ug/L			11/12/21 15:32	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			11/12/21 15:32	4
Cyclohexane	ND		4.0	0.72	ug/L			11/12/21 15:32	4
Dibromochloromethane	ND		4.0	1.3	ug/L			11/12/21 15:32	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			11/12/21 15:32	4
Ethylbenzene	ND		4.0	3.0	ug/L			11/12/21 15:32	4
Isopropylbenzene	ND		4.0	3.2	ug/L			11/12/21 15:32	4
Methyl acetate	ND		10	5.2	ug/L			11/12/21 15:32	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			11/12/21 15:32	4
Methylcyclohexane	ND		4.0	0.64	ug/L			11/12/21 15:32	4
Methylene Chloride	ND		4.0	1.8	ug/L			11/12/21 15:32	4
Styrene	ND		4.0	2.9	ug/L			11/12/21 15:32	4
Tetrachloroethene	ND		4.0	1.4	ug/L			11/12/21 15:32	4
Toluene	12		4.0	2.0	ug/L			11/12/21 15:32	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			11/12/21 15:32	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			11/12/21 15:32	4
Trichloroethene	ND		4.0	1.8	ug/L			11/12/21 15:32	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			11/12/21 15:32	4
Vinyl chloride	ND		4.0	3.6	ug/L			11/12/21 15:32	4
Xylenes, Total	ND		8.0	2.6	ug/L			11/12/21 15:32	4

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191913-1

Client Sample ID: OW-16

Lab Sample ID: 480-191913-3

Date Collected: 11/04/21 13:05

Matrix: Water

Date Received: 11/04/21 15:04

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		11/12/21 15:32	4
4-Bromofluorobenzene (Surr)	105		73 - 120		11/12/21 15:32	4
Toluene-d8 (Surr)	102		80 - 120		11/12/21 15:32	4

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/07/21 15:22	11/09/21 18:13	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/07/21 15:22	11/09/21 18:13	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/07/21 15:22	11/09/21 18:13	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/07/21 15:22	11/09/21 18:13	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/07/21 15:22	11/09/21 18:13	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/07/21 15:22	11/09/21 18:13	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/07/21 15:22	11/09/21 18:13	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/07/21 15:22	11/09/21 18:13	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/07/21 15:22	11/09/21 18:13	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/07/21 15:22	11/09/21 18:13	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/07/21 15:22	11/09/21 18:13	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/07/21 15:22	11/09/21 18:13	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/07/21 15:22	11/09/21 18:13	1
2-Nitroaniline	ND		10	0.42	ug/L		11/07/21 15:22	11/09/21 18:13	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/07/21 15:22	11/09/21 18:13	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/07/21 15:22	11/09/21 18:13	1
3-Nitroaniline	ND		10	0.48	ug/L		11/07/21 15:22	11/09/21 18:13	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/07/21 15:22	11/09/21 18:13	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/07/21 15:22	11/09/21 18:13	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/07/21 15:22	11/09/21 18:13	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/07/21 15:22	11/09/21 18:13	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/07/21 15:22	11/09/21 18:13	1
4-Methylphenol	ND		10	0.36	ug/L		11/07/21 15:22	11/09/21 18:13	1
4-Nitroaniline	ND		10	0.25	ug/L		11/07/21 15:22	11/09/21 18:13	1
4-Nitrophenol	ND		10	1.5	ug/L		11/07/21 15:22	11/09/21 18:13	1
Acenaphthene	ND		5.0	0.41	ug/L		11/07/21 15:22	11/09/21 18:13	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/07/21 15:22	11/09/21 18:13	1
Acetophenone	ND		5.0	0.54	ug/L		11/07/21 15:22	11/09/21 18:13	1
Anthracene	ND		5.0	0.28	ug/L		11/07/21 15:22	11/09/21 18:13	1
Atrazine	ND		5.0	0.46	ug/L		11/07/21 15:22	11/09/21 18:13	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/07/21 15:22	11/09/21 18:13	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/07/21 15:22	11/09/21 18:13	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/07/21 15:22	11/09/21 18:13	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/07/21 15:22	11/09/21 18:13	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/07/21 15:22	11/09/21 18:13	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/07/21 15:22	11/09/21 18:13	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/07/21 15:22	11/09/21 18:13	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/07/21 15:22	11/09/21 18:13	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/07/21 15:22	11/09/21 18:13	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/07/21 15:22	11/09/21 18:13	1
Caprolactam	ND		5.0	2.2	ug/L		11/07/21 15:22	11/09/21 18:13	1
Carbazole	ND		5.0	0.30	ug/L		11/07/21 15:22	11/09/21 18:13	1
Chrysene	ND		5.0	0.33	ug/L		11/07/21 15:22	11/09/21 18:13	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/07/21 15:22	11/09/21 18:13	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191913-1

Client Sample ID: OW-16

Lab Sample ID: 480-191913-3

Date Collected: 11/04/21 13:05

Matrix: Water

Date Received: 11/04/21 15:04

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/07/21 15:22	11/09/21 18:13	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/07/21 15:22	11/09/21 18:13	1
Dibenzofuran	ND		10	0.51	ug/L		11/07/21 15:22	11/09/21 18:13	1
Diethyl phthalate	0.37	J	5.0	0.22	ug/L		11/07/21 15:22	11/09/21 18:13	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/07/21 15:22	11/09/21 18:13	1
Fluoranthene	ND		5.0	0.40	ug/L		11/07/21 15:22	11/09/21 18:13	1
Fluorene	ND		5.0	0.36	ug/L		11/07/21 15:22	11/09/21 18:13	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/07/21 15:22	11/09/21 18:13	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/07/21 15:22	11/09/21 18:13	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/07/21 15:22	11/09/21 18:13	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/07/21 15:22	11/09/21 18:13	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/07/21 15:22	11/09/21 18:13	1
Isophorone	ND		5.0	0.43	ug/L		11/07/21 15:22	11/09/21 18:13	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/07/21 15:22	11/09/21 18:13	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/07/21 15:22	11/09/21 18:13	1
Naphthalene	ND		5.0	0.76	ug/L		11/07/21 15:22	11/09/21 18:13	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/07/21 15:22	11/09/21 18:13	1
Pentachlorophenol	ND		10	2.2	ug/L		11/07/21 15:22	11/09/21 18:13	1
Phenanthrene	ND		5.0	0.44	ug/L		11/07/21 15:22	11/09/21 18:13	1
Phenol	ND		5.0	0.39	ug/L		11/07/21 15:22	11/09/21 18:13	1
Pyrene	ND		5.0	0.34	ug/L		11/07/21 15:22	11/09/21 18:13	1
Benzoic acid	ND		150	100	ug/L		11/07/21 15:22	11/09/21 18:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	141	S1+	41 - 120	11/07/21 15:22	11/09/21 18:13	1
2-Fluorobiphenyl	102		48 - 120	11/07/21 15:22	11/09/21 18:13	1
2-Fluorophenol	75		35 - 120	11/07/21 15:22	11/09/21 18:13	1
Nitrobenzene-d5	87		46 - 120	11/07/21 15:22	11/09/21 18:13	1
p-Terphenyl-d14	83		60 - 148	11/07/21 15:22	11/09/21 18:13	1
Phenol-d5	59		22 - 120	11/07/21 15:22	11/09/21 18:13	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.25	0.046	ug/L		11/05/21 14:20	11/08/21 11:18	1
4,4'-DDE	ND		0.25	0.058	ug/L		11/05/21 14:20	11/08/21 11:18	1
4,4'-DDT	ND		0.25	0.055	ug/L		11/05/21 14:20	11/08/21 11:18	1
Aldrin	ND		0.25	0.041	ug/L		11/05/21 14:20	11/08/21 11:18	1
alpha-BHC	ND		0.25	0.039	ug/L		11/05/21 14:20	11/08/21 11:18	1
cis-Chlordane	ND		0.25	0.074	ug/L		11/05/21 14:20	11/08/21 11:18	1
beta-BHC	ND		0.25	0.12	ug/L		11/05/21 14:20	11/08/21 11:18	1
delta-BHC	ND		0.25	0.050	ug/L		11/05/21 14:20	11/08/21 11:18	1
Dieldrin	ND		0.25	0.049	ug/L		11/05/21 14:20	11/08/21 11:18	1
Endosulfan I	ND		0.25	0.055	ug/L		11/05/21 14:20	11/08/21 11:18	1
Endosulfan II	0.12	J B	0.25	0.060	ug/L		11/05/21 14:20	11/08/21 11:18	1
Endosulfan sulfate	ND		0.25	0.079	ug/L		11/05/21 14:20	11/08/21 11:18	1
Endrin	ND		0.25	0.069	ug/L		11/05/21 14:20	11/08/21 11:18	1
Endrin aldehyde	ND		0.25	0.082	ug/L		11/05/21 14:20	11/08/21 11:18	1
Endrin ketone	ND		0.25	0.060	ug/L		11/05/21 14:20	11/08/21 11:18	1
gamma-BHC (Lindane)	ND		0.25	0.040	ug/L		11/05/21 14:20	11/08/21 11:18	1
trans-Chlordane	ND		0.25	0.055	ug/L		11/05/21 14:20	11/08/21 11:18	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191913-1

Client Sample ID: OW-16

Lab Sample ID: 480-191913-3

Date Collected: 11/04/21 13:05

Matrix: Water

Date Received: 11/04/21 15:04

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.25	0.043	ug/L		11/05/21 14:20	11/08/21 11:18	1
Heptachlor epoxide	ND		0.25	0.037	ug/L		11/05/21 14:20	11/08/21 11:18	1
Methoxychlor	ND		0.25	0.071	ug/L		11/05/21 14:20	11/08/21 11:18	1
Toxaphene	ND		2.5	0.60	ug/L		11/05/21 14:20	11/08/21 11:18	1
Mirex	ND		0.25	0.048	ug/L		11/05/21 14:20	11/08/21 11:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	59		20 - 120	11/05/21 14:20	11/08/21 11:18	1
DCB Decachlorobiphenyl	48		20 - 120	11/05/21 14:20	11/08/21 11:18	1
Tetrachloro-m-xylene	77		44 - 120	11/05/21 14:20	11/08/21 11:18	1
Tetrachloro-m-xylene	77		44 - 120	11/05/21 14:20	11/08/21 11:18	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 23:14	1
PCB-1221	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 23:14	1
PCB-1232	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 23:14	1
PCB-1242	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 23:14	1
PCB-1248	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 23:14	1
PCB-1254	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 23:14	1
PCB-1260	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 23:14	1
PCB-1262	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 23:14	1
PCB-1268	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 23:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	57		39 - 121	11/08/21 10:26	11/08/21 23:14	1
Tetrachloro-m-xylene	63		39 - 121	11/08/21 10:26	11/08/21 23:14	1
DCB Decachlorobiphenyl	54		19 - 120	11/08/21 10:26	11/08/21 23:14	1
DCB Decachlorobiphenyl	27		19 - 120	11/08/21 10:26	11/08/21 23:14	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/10/21 09:20	11/11/21 21:20	1
Antimony	ND		0.020	0.0068	mg/L		11/10/21 09:20	11/11/21 21:20	1
Arsenic	ND		0.015	0.0056	mg/L		11/10/21 09:20	11/11/21 21:20	1
Barium	0.26		0.0020	0.00070	mg/L		11/10/21 09:20	11/11/21 21:20	1
Beryllium	ND		0.0020	0.00030	mg/L		11/10/21 09:20	11/11/21 21:20	1
Cadmium	0.00062 J		0.0020	0.00050	mg/L		11/10/21 09:20	11/11/21 21:20	1
Calcium	190		0.50	0.10	mg/L		11/10/21 09:20	11/11/21 21:20	1
Chromium	ND		0.0040	0.0010	mg/L		11/10/21 09:20	11/11/21 21:20	1
Cobalt	0.0015 J		0.0040	0.00063	mg/L		11/10/21 09:20	11/11/21 21:20	1
Copper	0.0023 J		0.010	0.0016	mg/L		11/10/21 09:20	11/11/21 21:20	1
Iron	13.2		0.050	0.019	mg/L		11/10/21 09:20	11/11/21 21:20	1
Lead	0.0073 J		0.010	0.0030	mg/L		11/10/21 09:20	11/11/21 21:20	1
Magnesium	97.0		0.20	0.043	mg/L		11/10/21 09:20	11/11/21 21:20	1
Manganese	0.29		0.0030	0.00040	mg/L		11/10/21 09:20	11/11/21 21:20	1
Nickel	0.0032 J		0.010	0.0013	mg/L		11/10/21 09:20	11/11/21 21:20	1
Potassium	36.8		0.50	0.10	mg/L		11/10/21 09:20	11/11/21 21:20	1
Selenium	ND		0.025	0.0087	mg/L		11/10/21 09:20	11/11/21 21:20	1
Silver	ND		0.0060	0.0017	mg/L		11/10/21 09:20	11/11/21 21:20	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191913-1

Client Sample ID: OW-16

Lab Sample ID: 480-191913-3

Date Collected: 11/04/21 13:05

Matrix: Water

Date Received: 11/04/21 15:04

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	80.4		1.0	0.32	mg/L		11/10/21 09:20	11/11/21 21:20	1
Thallium	ND		0.020	0.010	mg/L		11/10/21 09:20	11/11/21 21:20	1
Vanadium	ND		0.0050	0.0015	mg/L		11/10/21 09:20	11/11/21 21:20	1
Zinc	0.0062	J B	0.010	0.0015	mg/L		11/10/21 09:20	11/11/21 21:20	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		11/11/21 10:58	11/11/21 15:10	1

Well OW-21

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191670-1

Client Sample ID: OW-21

Lab Sample ID: 480-191670-2

Date Collected: 10/29/21 14:05

Matrix: Water

Date Received: 10/29/21 16:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			11/05/21 09:57	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			11/05/21 09:57	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			11/05/21 09:57	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			11/05/21 09:57	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			11/05/21 09:57	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			11/05/21 09:57	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			11/05/21 09:57	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			11/05/21 09:57	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			11/05/21 09:57	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			11/05/21 09:57	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			11/05/21 09:57	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			11/05/21 09:57	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			11/05/21 09:57	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			11/05/21 09:57	2
2-Butanone (MEK)	ND		20	2.6	ug/L			11/05/21 09:57	2
2-Hexanone	ND		10	2.5	ug/L			11/05/21 09:57	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			11/05/21 09:57	2
Acetone	ND		20	6.0	ug/L			11/05/21 09:57	2
Benzene	ND		2.0	0.82	ug/L			11/05/21 09:57	2
Bromodichloromethane	ND		2.0	0.78	ug/L			11/05/21 09:57	2
Bromoform	ND		2.0	0.52	ug/L			11/05/21 09:57	2
Bromomethane	ND		2.0	1.4	ug/L			11/05/21 09:57	2
Carbon disulfide	ND		2.0	0.38	ug/L			11/05/21 09:57	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			11/05/21 09:57	2
Chlorobenzene	ND		2.0	1.5	ug/L			11/05/21 09:57	2
Chloroethane	ND		2.0	0.64	ug/L			11/05/21 09:57	2
Chloroform	ND		2.0	0.68	ug/L			11/05/21 09:57	2
Chloromethane	ND		2.0	0.70	ug/L			11/05/21 09:57	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			11/05/21 09:57	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			11/05/21 09:57	2
Cyclohexane	ND		2.0	0.36	ug/L			11/05/21 09:57	2
Dibromochloromethane	ND		2.0	0.64	ug/L			11/05/21 09:57	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			11/05/21 09:57	2
Ethylbenzene	ND		2.0	1.5	ug/L			11/05/21 09:57	2
Isopropylbenzene	ND		2.0	1.6	ug/L			11/05/21 09:57	2
Methyl acetate	ND		5.0	2.6	ug/L			11/05/21 09:57	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			11/05/21 09:57	2
Methylcyclohexane	ND		2.0	0.32	ug/L			11/05/21 09:57	2
Methylene Chloride	ND		2.0	0.88	ug/L			11/05/21 09:57	2
Styrene	ND		2.0	1.5	ug/L			11/05/21 09:57	2
Tetrachloroethene	ND		2.0	0.72	ug/L			11/05/21 09:57	2
Toluene	ND		2.0	1.0	ug/L			11/05/21 09:57	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			11/05/21 09:57	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			11/05/21 09:57	2
Trichloroethene	ND		2.0	0.92	ug/L			11/05/21 09:57	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			11/05/21 09:57	2
Vinyl chloride	ND		2.0	1.8	ug/L			11/05/21 09:57	2
Xylenes, Total	ND		4.0	1.3	ug/L			11/05/21 09:57	2

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191670-1

Client Sample ID: OW-21

Lab Sample ID: 480-191670-2

Date Collected: 10/29/21 14:05

Matrix: Water

Date Received: 10/29/21 16:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		11/05/21 09:57	2
4-Bromofluorobenzene (Surr)	103		73 - 120		11/05/21 09:57	2
Toluene-d8 (Surr)	101		80 - 120		11/05/21 09:57	2

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/02/21 07:11	11/04/21 17:17	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/02/21 07:11	11/04/21 17:17	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/02/21 07:11	11/04/21 17:17	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/02/21 07:11	11/04/21 17:17	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/02/21 07:11	11/04/21 17:17	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/02/21 07:11	11/04/21 17:17	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/02/21 07:11	11/04/21 17:17	1
2,4-Dinitrotoluene	ND	+	5.0	0.45	ug/L		11/02/21 07:11	11/04/21 17:17	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/02/21 07:11	11/04/21 17:17	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/02/21 07:11	11/04/21 17:17	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/02/21 07:11	11/04/21 17:17	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/02/21 07:11	11/04/21 17:17	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/02/21 07:11	11/04/21 17:17	1
2-Nitroaniline	ND		10	0.42	ug/L		11/02/21 07:11	11/04/21 17:17	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/02/21 07:11	11/04/21 17:17	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/02/21 07:11	11/04/21 17:17	1
3-Nitroaniline	ND		10	0.48	ug/L		11/02/21 07:11	11/04/21 17:17	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/02/21 07:11	11/04/21 17:17	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/02/21 07:11	11/04/21 17:17	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/02/21 07:11	11/04/21 17:17	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/02/21 07:11	11/04/21 17:17	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/02/21 07:11	11/04/21 17:17	1
4-Methylphenol	ND		10	0.36	ug/L		11/02/21 07:11	11/04/21 17:17	1
4-Nitroaniline	ND	+	10	0.25	ug/L		11/02/21 07:11	11/04/21 17:17	1
4-Nitrophenol	ND		10	1.5	ug/L		11/02/21 07:11	11/04/21 17:17	1
Acenaphthene	ND		5.0	0.41	ug/L		11/02/21 07:11	11/04/21 17:17	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/02/21 07:11	11/04/21 17:17	1
Acetophenone	ND		5.0	0.54	ug/L		11/02/21 07:11	11/04/21 17:17	1
Anthracene	ND		5.0	0.28	ug/L		11/02/21 07:11	11/04/21 17:17	1
Atrazine	ND	+	5.0	0.46	ug/L		11/02/21 07:11	11/04/21 17:17	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/02/21 07:11	11/04/21 17:17	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/02/21 07:11	11/04/21 17:17	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/02/21 07:11	11/04/21 17:17	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/02/21 07:11	11/04/21 17:17	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/02/21 07:11	11/04/21 17:17	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/02/21 07:11	11/04/21 17:17	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/02/21 07:11	11/04/21 17:17	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/02/21 07:11	11/04/21 17:17	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/02/21 07:11	11/04/21 17:17	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/02/21 07:11	11/04/21 17:17	1
Caprolactam	ND		5.0	2.2	ug/L		11/02/21 07:11	11/04/21 17:17	1
Carbazole	ND		5.0	0.30	ug/L		11/02/21 07:11	11/04/21 17:17	1
Chrysene	ND		5.0	0.33	ug/L		11/02/21 07:11	11/04/21 17:17	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/02/21 07:11	11/04/21 17:17	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191670-1

Client Sample ID: OW-21

Lab Sample ID: 480-191670-2

Date Collected: 10/29/21 14:05

Matrix: Water

Date Received: 10/29/21 16:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/02/21 07:11	11/04/21 17:17	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/02/21 07:11	11/04/21 17:17	1
Dibenzofuran	ND		10	0.51	ug/L		11/02/21 07:11	11/04/21 17:17	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/02/21 07:11	11/04/21 17:17	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/02/21 07:11	11/04/21 17:17	1
Fluoranthene	ND		5.0	0.40	ug/L		11/02/21 07:11	11/04/21 17:17	1
Fluorene	ND		5.0	0.36	ug/L		11/02/21 07:11	11/04/21 17:17	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/02/21 07:11	11/04/21 17:17	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/02/21 07:11	11/04/21 17:17	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/02/21 07:11	11/04/21 17:17	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/02/21 07:11	11/04/21 17:17	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/02/21 07:11	11/04/21 17:17	1
Isophorone	ND		5.0	0.43	ug/L		11/02/21 07:11	11/04/21 17:17	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/02/21 07:11	11/04/21 17:17	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/02/21 07:11	11/04/21 17:17	1
Naphthalene	ND		5.0	0.76	ug/L		11/02/21 07:11	11/04/21 17:17	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/02/21 07:11	11/04/21 17:17	1
Pentachlorophenol	ND		10	2.2	ug/L		11/02/21 07:11	11/04/21 17:17	1
Phenanthrene	ND	*1	5.0	0.44	ug/L		11/02/21 07:11	11/04/21 17:17	1
Phenol	ND		5.0	0.39	ug/L		11/02/21 07:11	11/04/21 17:17	1
Pyrene	ND		5.0	0.34	ug/L		11/02/21 07:11	11/04/21 17:17	1
Benzoic acid	ND		150	100	ug/L		11/02/21 07:11	11/04/21 17:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	120		41 - 120	11/02/21 07:11	11/04/21 17:17	1
2-Fluorobiphenyl	120		48 - 120	11/02/21 07:11	11/04/21 17:17	1
2-Fluorophenol	83		35 - 120	11/02/21 07:11	11/04/21 17:17	1
Nitrobenzene-d5	98		46 - 120	11/02/21 07:11	11/04/21 17:17	1
p-Terphenyl-d14	90		60 - 148	11/02/21 07:11	11/04/21 17:17	1
Phenol-d5	64		22 - 120	11/02/21 07:11	11/04/21 17:17	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/02/21 07:02	11/02/21 22:40	1
4,4'-DDE	ND	*+	0.050	0.012	ug/L		11/02/21 07:02	11/02/21 22:40	1
4,4'-DDT	ND		0.050	0.011	ug/L		11/02/21 07:02	11/02/21 22:40	1
Aldrin	ND		0.050	0.0081	ug/L		11/02/21 07:02	11/02/21 22:40	1
alpha-BHC	ND		0.050	0.0077	ug/L		11/02/21 07:02	11/02/21 22:40	1
cis-Chlordane	ND	*+	0.050	0.015	ug/L		11/02/21 07:02	11/02/21 22:40	1
beta-BHC	ND	*+	0.050	0.025	ug/L		11/02/21 07:02	11/02/21 22:40	1
delta-BHC	ND		0.050	0.010	ug/L		11/02/21 07:02	11/02/21 22:40	1
Dieldrin	ND	*+	0.050	0.0098	ug/L		11/02/21 07:02	11/02/21 22:40	1
Endosulfan I	ND	*+	0.050	0.011	ug/L		11/02/21 07:02	11/02/21 22:40	1
Endosulfan II	0.019	J	0.050	0.012	ug/L		11/02/21 07:02	11/02/21 22:40	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		11/02/21 07:02	11/02/21 22:40	1
Endrin	ND		0.050	0.014	ug/L		11/02/21 07:02	11/02/21 22:40	1
Endrin aldehyde	0.020	J B	0.050	0.016	ug/L		11/02/21 07:02	11/02/21 22:40	1
Endrin ketone	ND		0.050	0.012	ug/L		11/02/21 07:02	11/02/21 22:40	1
gamma-BHC (Lindane)	ND	*+	0.050	0.0080	ug/L		11/02/21 07:02	11/02/21 22:40	1
trans-Chlordane	ND		0.050	0.011	ug/L		11/02/21 07:02	11/02/21 22:40	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191670-1

Client Sample ID: OW-21

Lab Sample ID: 480-191670-2

Date Collected: 10/29/21 14:05

Matrix: Water

Date Received: 10/29/21 16:00

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.050	0.0085	ug/L		11/02/21 07:02	11/02/21 22:40	1
Heptachlor epoxide	ND	*+	0.050	0.0074	ug/L		11/02/21 07:02	11/02/21 22:40	1
Methoxychlor	0.016	J *+	0.050	0.014	ug/L		11/02/21 07:02	11/02/21 22:40	1
Toxaphene	ND		0.50	0.12	ug/L		11/02/21 07:02	11/02/21 22:40	1
Mirex	0.014	J	0.050	0.0096	ug/L		11/02/21 07:02	11/02/21 22:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	132	S1+	20 - 120	11/02/21 07:02	11/02/21 22:40	1
DCB Decachlorobiphenyl	93		20 - 120	11/02/21 07:02	11/02/21 22:40	1
Tetrachloro-m-xylene	103		44 - 120	11/02/21 07:02	11/02/21 22:40	1
Tetrachloro-m-xylene	106		44 - 120	11/02/21 07:02	11/02/21 22:40	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 19:14	1
PCB-1221	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 19:14	1
PCB-1232	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 19:14	1
PCB-1242	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 19:14	1
PCB-1248	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 19:14	1
PCB-1254	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 19:14	1
PCB-1260	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 19:14	1
PCB-1262	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 19:14	1
PCB-1268	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 19:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	74		39 - 121	11/02/21 14:23	11/03/21 19:14	1
Tetrachloro-m-xylene	78		39 - 121	11/02/21 14:23	11/03/21 19:14	1
DCB Decachlorobiphenyl	82		19 - 120	11/02/21 14:23	11/03/21 19:14	1
DCB Decachlorobiphenyl	51		19 - 120	11/02/21 14:23	11/03/21 19:14	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.27	B	0.20	0.060	mg/L		11/02/21 08:12	11/04/21 03:35	1
Antimony	ND		0.020	0.0068	mg/L		11/02/21 08:12	11/04/21 03:35	1
Arsenic	ND		0.015	0.0056	mg/L		11/02/21 08:12	11/04/21 03:35	1
Barium	0.26		0.0020	0.00070	mg/L		11/02/21 08:12	11/04/21 03:35	1
Beryllium	ND		0.0020	0.00030	mg/L		11/02/21 08:12	11/04/21 03:35	1
Cadmium	ND		0.0020	0.00050	mg/L		11/02/21 08:12	11/04/21 03:35	1
Calcium	234		0.50	0.10	mg/L		11/02/21 08:12	11/04/21 03:35	1
Chromium	0.0012	J	0.0040	0.0010	mg/L		11/02/21 08:12	11/04/21 03:35	1
Cobalt	0.0034	J	0.0040	0.00063	mg/L		11/02/21 08:12	11/04/21 03:35	1
Copper	0.0027	J B	0.010	0.0016	mg/L		11/02/21 08:12	11/04/21 03:35	1
Iron	8.6		0.050	0.019	mg/L		11/02/21 08:12	11/04/21 03:35	1
Lead	ND		0.010	0.0030	mg/L		11/02/21 08:12	11/04/21 03:35	1
Magnesium	88.6		0.20	0.043	mg/L		11/02/21 08:12	11/04/21 03:35	1
Manganese	0.92		0.0030	0.00040	mg/L		11/02/21 08:12	11/04/21 03:35	1
Nickel	0.0053	J	0.010	0.0013	mg/L		11/02/21 08:12	11/04/21 03:35	1
Potassium	7.1		0.50	0.10	mg/L		11/02/21 08:12	11/04/21 03:35	1
Selenium	ND		0.025	0.0087	mg/L		11/02/21 08:12	11/04/21 03:35	1
Silver	ND		0.0060	0.0017	mg/L		11/02/21 08:12	11/04/21 03:35	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191670-1

Client Sample ID: OW-21

Lab Sample ID: 480-191670-2

Date Collected: 10/29/21 14:05

Matrix: Water

Date Received: 10/29/21 16:00

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	81.4		1.0	0.32	mg/L		11/02/21 08:12	11/04/21 03:35	1
Thallium	ND		0.020	0.010	mg/L		11/02/21 08:12	11/04/21 03:35	1
Vanadium	ND		0.0050	0.0015	mg/L		11/02/21 08:12	11/04/21 03:35	1
Zinc	0.0051	J B	0.010	0.0015	mg/L		11/08/21 09:04	11/09/21 01:04	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		11/05/21 13:53	11/05/21 17:31	1

Well OW-31

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191790-1

Client Sample ID: OW-31

Lab Sample ID: 480-191790-1

Date Collected: 11/02/21 09:35

Matrix: Water

Date Received: 11/02/21 15:10

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			11/05/21 12:36	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			11/05/21 12:36	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			11/05/21 12:36	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			11/05/21 12:36	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			11/05/21 12:36	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			11/05/21 12:36	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			11/05/21 12:36	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			11/05/21 12:36	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			11/05/21 12:36	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			11/05/21 12:36	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			11/05/21 12:36	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			11/05/21 12:36	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			11/05/21 12:36	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			11/05/21 12:36	2
2-Butanone (MEK)	ND		20	2.6	ug/L			11/05/21 12:36	2
2-Hexanone	ND		10	2.5	ug/L			11/05/21 12:36	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			11/05/21 12:36	2
Acetone	ND		20	6.0	ug/L			11/05/21 12:36	2
Benzene	ND		2.0	0.82	ug/L			11/05/21 12:36	2
Bromodichloromethane	ND		2.0	0.78	ug/L			11/05/21 12:36	2
Bromoform	ND		2.0	0.52	ug/L			11/05/21 12:36	2
Bromomethane	ND		2.0	1.4	ug/L			11/05/21 12:36	2
Carbon disulfide	ND		2.0	0.38	ug/L			11/05/21 12:36	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			11/05/21 12:36	2
Chlorobenzene	ND		2.0	1.5	ug/L			11/05/21 12:36	2
Chloroethane	ND		2.0	0.64	ug/L			11/05/21 12:36	2
Chloroform	ND		2.0	0.68	ug/L			11/05/21 12:36	2
Chloromethane	ND		2.0	0.70	ug/L			11/05/21 12:36	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			11/05/21 12:36	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			11/05/21 12:36	2
Cyclohexane	ND		2.0	0.36	ug/L			11/05/21 12:36	2
Dibromochloromethane	ND		2.0	0.64	ug/L			11/05/21 12:36	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			11/05/21 12:36	2
Ethylbenzene	ND		2.0	1.5	ug/L			11/05/21 12:36	2
Isopropylbenzene	ND		2.0	1.6	ug/L			11/05/21 12:36	2
Methyl acetate	ND		5.0	2.6	ug/L			11/05/21 12:36	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			11/05/21 12:36	2
Methylcyclohexane	ND		2.0	0.32	ug/L			11/05/21 12:36	2
Methylene Chloride	ND		2.0	0.88	ug/L			11/05/21 12:36	2
Styrene	ND		2.0	1.5	ug/L			11/05/21 12:36	2
Tetrachloroethene	ND		2.0	0.72	ug/L			11/05/21 12:36	2
Toluene	ND		2.0	1.0	ug/L			11/05/21 12:36	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			11/05/21 12:36	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			11/05/21 12:36	2
Trichloroethene	ND		2.0	0.92	ug/L			11/05/21 12:36	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			11/05/21 12:36	2
Vinyl chloride	ND		2.0	1.8	ug/L			11/05/21 12:36	2
Xylenes, Total	ND		4.0	1.3	ug/L			11/05/21 12:36	2

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191790-1

Client Sample ID: OW-31

Lab Sample ID: 480-191790-1

Date Collected: 11/02/21 09:35

Matrix: Water

Date Received: 11/02/21 15:10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		11/05/21 12:36	2
4-Bromofluorobenzene (Surr)	104		73 - 120		11/05/21 12:36	2
Toluene-d8 (Surr)	102		80 - 120		11/05/21 12:36	2

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/04/21 14:59	11/05/21 15:33	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/04/21 14:59	11/05/21 15:33	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/04/21 14:59	11/05/21 15:33	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/04/21 14:59	11/05/21 15:33	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 15:33	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/04/21 14:59	11/05/21 15:33	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 15:33	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 15:33	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 15:33	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/04/21 14:59	11/05/21 15:33	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/04/21 14:59	11/05/21 15:33	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/04/21 14:59	11/05/21 15:33	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 15:33	1
2-Nitroaniline	ND		10	0.42	ug/L		11/04/21 14:59	11/05/21 15:33	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/04/21 14:59	11/05/21 15:33	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 15:33	1
3-Nitroaniline	ND		10	0.48	ug/L		11/04/21 14:59	11/05/21 15:33	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 15:33	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 15:33	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 15:33	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 15:33	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 15:33	1
4-Methylphenol	ND		10	0.36	ug/L		11/04/21 14:59	11/05/21 15:33	1
4-Nitroaniline	ND		10	0.25	ug/L		11/04/21 14:59	11/05/21 15:33	1
4-Nitrophenol	ND		10	1.5	ug/L		11/04/21 14:59	11/05/21 15:33	1
Acenaphthene	ND		5.0	0.41	ug/L		11/04/21 14:59	11/05/21 15:33	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/04/21 14:59	11/05/21 15:33	1
Acetophenone	ND		5.0	0.54	ug/L		11/04/21 14:59	11/05/21 15:33	1
Anthracene	ND		5.0	0.28	ug/L		11/04/21 14:59	11/05/21 15:33	1
Atrazine	ND		5.0	0.46	ug/L		11/04/21 14:59	11/05/21 15:33	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/04/21 14:59	11/05/21 15:33	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 15:33	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 15:33	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/04/21 14:59	11/05/21 15:33	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 15:33	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/04/21 14:59	11/05/21 15:33	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 15:33	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 15:33	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/04/21 14:59	11/05/21 15:33	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/04/21 14:59	11/05/21 15:33	1
Caprolactam	ND		5.0	2.2	ug/L		11/04/21 14:59	11/05/21 15:33	1
Carbazole	ND		5.0	0.30	ug/L		11/04/21 14:59	11/05/21 15:33	1
Chrysene	ND		5.0	0.33	ug/L		11/04/21 14:59	11/05/21 15:33	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/04/21 14:59	11/05/21 15:33	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191790-1

Client Sample ID: OW-31

Lab Sample ID: 480-191790-1

Date Collected: 11/02/21 09:35

Matrix: Water

Date Received: 11/02/21 15:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 15:33	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/04/21 14:59	11/05/21 15:33	1
Dibenzofuran	ND		10	0.51	ug/L		11/04/21 14:59	11/05/21 15:33	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/04/21 14:59	11/05/21 15:33	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 15:33	1
Fluoranthene	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 15:33	1
Fluorene	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 15:33	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 15:33	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/04/21 14:59	11/05/21 15:33	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 15:33	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 15:33	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 15:33	1
Isophorone	ND		5.0	0.43	ug/L		11/04/21 14:59	11/05/21 15:33	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/04/21 14:59	11/05/21 15:33	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 15:33	1
Naphthalene	ND		5.0	0.76	ug/L		11/04/21 14:59	11/05/21 15:33	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/04/21 14:59	11/05/21 15:33	1
Pentachlorophenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 15:33	1
Phenanthrene	ND		5.0	0.44	ug/L		11/04/21 14:59	11/05/21 15:33	1
Phenol	ND		5.0	0.39	ug/L		11/04/21 14:59	11/05/21 15:33	1
Pyrene	ND		5.0	0.34	ug/L		11/04/21 14:59	11/05/21 15:33	1
Benzoic acid	ND		150	100	ug/L		11/04/21 14:59	11/05/21 15:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	110		41 - 120	11/04/21 14:59	11/05/21 15:33	1
2-Fluorobiphenyl	92		48 - 120	11/04/21 14:59	11/05/21 15:33	1
2-Fluorophenol	65		35 - 120	11/04/21 14:59	11/05/21 15:33	1
Nitrobenzene-d5	83		46 - 120	11/04/21 14:59	11/05/21 15:33	1
p-Terphenyl-d14	80		60 - 148	11/04/21 14:59	11/05/21 15:33	1
Phenol-d5	47		22 - 120	11/04/21 14:59	11/05/21 15:33	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/04/21 09:15	11/04/21 20:12	1
4,4'-DDE	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 20:12	1
4,4'-DDT	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 20:12	1
Aldrin	ND		0.050	0.0081	ug/L		11/04/21 09:15	11/04/21 20:12	1
alpha-BHC	ND		0.050	0.0077	ug/L		11/04/21 09:15	11/04/21 20:12	1
cis-Chlordane	ND		0.050	0.015	ug/L		11/04/21 09:15	11/04/21 20:12	1
beta-BHC	ND		0.050	0.025	ug/L		11/04/21 09:15	11/04/21 20:12	1
delta-BHC	ND		0.050	0.010	ug/L		11/04/21 09:15	11/04/21 20:12	1
Dieldrin	ND		0.050	0.0098	ug/L		11/04/21 09:15	11/04/21 20:12	1
Endosulfan I	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 20:12	1
Endosulfan II	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 20:12	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		11/04/21 09:15	11/04/21 20:12	1
Endrin	ND		0.050	0.014	ug/L		11/04/21 09:15	11/04/21 20:12	1
Endrin aldehyde	ND		0.050	0.016	ug/L		11/04/21 09:15	11/04/21 20:12	1
Endrin ketone	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 20:12	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		11/04/21 09:15	11/04/21 20:12	1
trans-Chlordane	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 20:12	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191790-1

Client Sample ID: OW-31

Lab Sample ID: 480-191790-1

Date Collected: 11/02/21 09:35

Matrix: Water

Date Received: 11/02/21 15:10

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.050	0.0085	ug/L		11/04/21 09:15	11/04/21 20:12	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		11/04/21 09:15	11/04/21 20:12	1
Methoxychlor	ND		0.050	0.014	ug/L		11/04/21 09:15	11/04/21 20:12	1
Toxaphene	ND		0.50	0.12	ug/L		11/04/21 09:15	11/04/21 20:12	1
Mirex	ND		0.050	0.0096	ug/L		11/04/21 09:15	11/04/21 20:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	42		20 - 120	11/04/21 09:15	11/04/21 20:12	1
DCB Decachlorobiphenyl	43		20 - 120	11/04/21 09:15	11/04/21 20:12	1
Tetrachloro-m-xylene	79		44 - 120	11/04/21 09:15	11/04/21 20:12	1
Tetrachloro-m-xylene	75		44 - 120	11/04/21 09:15	11/04/21 20:12	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/03/21 14:29	11/04/21 20:03	1
PCB-1221	ND		0.50	0.18	ug/L		11/03/21 14:29	11/04/21 20:03	1
PCB-1232	ND		0.50	0.18	ug/L		11/03/21 14:29	11/04/21 20:03	1
PCB-1242	ND		0.50	0.18	ug/L		11/03/21 14:29	11/04/21 20:03	1
PCB-1248	ND		0.50	0.18	ug/L		11/03/21 14:29	11/04/21 20:03	1
PCB-1254	ND		0.50	0.25	ug/L		11/03/21 14:29	11/04/21 20:03	1
PCB-1260	ND		0.50	0.25	ug/L		11/03/21 14:29	11/04/21 20:03	1
PCB-1262	ND		0.50	0.25	ug/L		11/03/21 14:29	11/04/21 20:03	1
PCB-1268	ND		0.50	0.25	ug/L		11/03/21 14:29	11/04/21 20:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	81		39 - 121	11/03/21 14:29	11/04/21 20:03	1
Tetrachloro-m-xylene	85		39 - 121	11/03/21 14:29	11/04/21 20:03	1
DCB Decachlorobiphenyl	86		19 - 120	11/03/21 14:29	11/04/21 20:03	1
DCB Decachlorobiphenyl	51		19 - 120	11/03/21 14:29	11/04/21 20:03	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.12	J	0.20	0.060	mg/L		11/04/21 09:14	11/06/21 01:50	1
Antimony	ND		0.020	0.0068	mg/L		11/04/21 09:14	11/06/21 01:50	1
Arsenic	ND		0.015	0.0056	mg/L		11/04/21 09:14	11/06/21 01:50	1
Barium	0.093		0.0020	0.00070	mg/L		11/04/21 09:14	11/06/21 01:50	1
Beryllium	ND		0.0020	0.00030	mg/L		11/04/21 09:14	11/06/21 01:50	1
Cadmium	ND		0.0020	0.00050	mg/L		11/04/21 09:14	11/06/21 01:50	1
Calcium	528		0.50	0.10	mg/L		11/04/21 09:14	11/06/21 01:50	1
Chromium	ND		0.0040	0.0010	mg/L		11/04/21 09:14	11/06/21 01:50	1
Cobalt	ND		0.0040	0.00063	mg/L		11/04/21 09:14	11/06/21 01:50	1
Copper	0.0058	J	0.010	0.0016	mg/L		11/04/21 09:14	11/06/21 01:50	1
Iron	0.23		0.050	0.019	mg/L		11/04/21 09:14	11/06/21 01:50	1
Lead	ND		0.010	0.0030	mg/L		11/04/21 09:14	11/06/21 01:50	1
Magnesium	148		0.20	0.043	mg/L		11/04/21 09:14	11/06/21 01:50	1
Manganese	0.019		0.0030	0.00040	mg/L		11/04/21 09:14	11/06/21 01:50	1
Nickel	0.0031	J	0.010	0.0013	mg/L		11/04/21 09:14	11/06/21 01:50	1
Potassium	1.9		0.50	0.10	mg/L		11/04/21 09:14	11/06/21 01:50	1
Selenium	ND		0.025	0.0087	mg/L		11/04/21 09:14	11/06/21 01:50	1
Silver	ND		0.0060	0.0017	mg/L		11/04/21 09:14	11/06/21 01:50	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191790-1

Client Sample ID: OW-31

Lab Sample ID: 480-191790-1

Date Collected: 11/02/21 09:35

Matrix: Water

Date Received: 11/02/21 15:10

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	61.9		1.0	0.32	mg/L		11/04/21 09:14	11/06/21 01:50	1
Thallium	ND		0.020	0.010	mg/L		11/04/21 09:14	11/06/21 01:50	1
Vanadium	ND		0.0050	0.0015	mg/L		11/04/21 09:14	11/06/21 01:50	1
Zinc	0.0042	J	0.010	0.0015	mg/L		11/04/21 09:14	11/06/21 01:50	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		11/08/21 14:36	11/08/21 19:29	1

Well OW-34

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: OW-34

Lab Sample ID: 480-191852-6

Date Collected: 11/03/21 15:05

Matrix: Water

Date Received: 11/03/21 15:56

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			11/06/21 08:49	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			11/06/21 08:49	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			11/06/21 08:49	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			11/06/21 08:49	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			11/06/21 08:49	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			11/06/21 08:49	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			11/06/21 08:49	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			11/06/21 08:49	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			11/06/21 08:49	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			11/06/21 08:49	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			11/06/21 08:49	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			11/06/21 08:49	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			11/06/21 08:49	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			11/06/21 08:49	2
2-Butanone (MEK)	ND		20	2.6	ug/L			11/06/21 08:49	2
2-Hexanone	ND		10	2.5	ug/L			11/06/21 08:49	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			11/06/21 08:49	2
Acetone	ND		20	6.0	ug/L			11/06/21 08:49	2
Benzene	ND		2.0	0.82	ug/L			11/06/21 08:49	2
Bromodichloromethane	ND		2.0	0.78	ug/L			11/06/21 08:49	2
Bromoform	ND		2.0	0.52	ug/L			11/06/21 08:49	2
Bromomethane	ND		2.0	1.4	ug/L			11/06/21 08:49	2
Carbon disulfide	ND		2.0	0.38	ug/L			11/06/21 08:49	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			11/06/21 08:49	2
Chlorobenzene	ND		2.0	1.5	ug/L			11/06/21 08:49	2
Chloroethane	ND		2.0	0.64	ug/L			11/06/21 08:49	2
Chloroform	ND		2.0	0.68	ug/L			11/06/21 08:49	2
Chloromethane	ND		2.0	0.70	ug/L			11/06/21 08:49	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			11/06/21 08:49	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			11/06/21 08:49	2
Cyclohexane	ND		2.0	0.36	ug/L			11/06/21 08:49	2
Dibromochloromethane	ND		2.0	0.64	ug/L			11/06/21 08:49	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			11/06/21 08:49	2
Ethylbenzene	ND		2.0	1.5	ug/L			11/06/21 08:49	2
Isopropylbenzene	ND		2.0	1.6	ug/L			11/06/21 08:49	2
Methyl acetate	ND		5.0	2.6	ug/L			11/06/21 08:49	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			11/06/21 08:49	2
Methylcyclohexane	ND		2.0	0.32	ug/L			11/06/21 08:49	2
Methylene Chloride	ND		2.0	0.88	ug/L			11/06/21 08:49	2
Styrene	ND		2.0	1.5	ug/L			11/06/21 08:49	2
Tetrachloroethene	ND		2.0	0.72	ug/L			11/06/21 08:49	2
Toluene	ND		2.0	1.0	ug/L			11/06/21 08:49	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			11/06/21 08:49	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			11/06/21 08:49	2
Trichloroethene	ND		2.0	0.92	ug/L			11/06/21 08:49	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			11/06/21 08:49	2
Vinyl chloride	ND		2.0	1.8	ug/L			11/06/21 08:49	2
Xylenes, Total	ND		4.0	1.3	ug/L			11/06/21 08:49	2

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: OW-34

Lab Sample ID: 480-191852-6

Date Collected: 11/03/21 15:05

Matrix: Water

Date Received: 11/03/21 15:56

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		11/06/21 08:49	2
4-Bromofluorobenzene (Surr)	99		73 - 120		11/06/21 08:49	2
Toluene-d8 (Surr)	96		80 - 120		11/06/21 08:49	2

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/04/21 14:59	11/05/21 20:01	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/04/21 14:59	11/05/21 20:01	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/04/21 14:59	11/05/21 20:01	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/04/21 14:59	11/05/21 20:01	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 20:01	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/04/21 14:59	11/05/21 20:01	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 20:01	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 20:01	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 20:01	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/04/21 14:59	11/05/21 20:01	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/04/21 14:59	11/05/21 20:01	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/04/21 14:59	11/05/21 20:01	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 20:01	1
2-Nitroaniline	ND		10	0.42	ug/L		11/04/21 14:59	11/05/21 20:01	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/04/21 14:59	11/05/21 20:01	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 20:01	1
3-Nitroaniline	ND		10	0.48	ug/L		11/04/21 14:59	11/05/21 20:01	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 20:01	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 20:01	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 20:01	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 20:01	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 20:01	1
4-Methylphenol	ND		10	0.36	ug/L		11/04/21 14:59	11/05/21 20:01	1
4-Nitroaniline	ND		10	0.25	ug/L		11/04/21 14:59	11/05/21 20:01	1
4-Nitrophenol	ND		10	1.5	ug/L		11/04/21 14:59	11/05/21 20:01	1
Acenaphthene	ND		5.0	0.41	ug/L		11/04/21 14:59	11/05/21 20:01	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/04/21 14:59	11/05/21 20:01	1
Acetophenone	ND		5.0	0.54	ug/L		11/04/21 14:59	11/05/21 20:01	1
Anthracene	ND		5.0	0.28	ug/L		11/04/21 14:59	11/05/21 20:01	1
Atrazine	ND		5.0	0.46	ug/L		11/04/21 14:59	11/05/21 20:01	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/04/21 14:59	11/05/21 20:01	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 20:01	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 20:01	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/04/21 14:59	11/05/21 20:01	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 20:01	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/04/21 14:59	11/05/21 20:01	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 20:01	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 20:01	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/04/21 14:59	11/05/21 20:01	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/04/21 14:59	11/05/21 20:01	1
Caprolactam	ND		5.0	2.2	ug/L		11/04/21 14:59	11/05/21 20:01	1
Carbazole	ND		5.0	0.30	ug/L		11/04/21 14:59	11/05/21 20:01	1
Chrysene	ND		5.0	0.33	ug/L		11/04/21 14:59	11/05/21 20:01	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/04/21 14:59	11/05/21 20:01	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: OW-34

Lab Sample ID: 480-191852-6

Date Collected: 11/03/21 15:05

Matrix: Water

Date Received: 11/03/21 15:56

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 20:01	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/04/21 14:59	11/05/21 20:01	1
Dibenzofuran	ND		10	0.51	ug/L		11/04/21 14:59	11/05/21 20:01	1
Diethyl phthalate	0.32	J	5.0	0.22	ug/L		11/04/21 14:59	11/05/21 20:01	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 20:01	1
Fluoranthene	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 20:01	1
Fluorene	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 20:01	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 20:01	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/04/21 14:59	11/05/21 20:01	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 20:01	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 20:01	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 20:01	1
Isophorone	ND		5.0	0.43	ug/L		11/04/21 14:59	11/05/21 20:01	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/04/21 14:59	11/05/21 20:01	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 20:01	1
Naphthalene	ND		5.0	0.76	ug/L		11/04/21 14:59	11/05/21 20:01	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/04/21 14:59	11/05/21 20:01	1
Pentachlorophenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 20:01	1
Phenanthrene	ND		5.0	0.44	ug/L		11/04/21 14:59	11/05/21 20:01	1
Phenol	ND		5.0	0.39	ug/L		11/04/21 14:59	11/05/21 20:01	1
Pyrene	ND		5.0	0.34	ug/L		11/04/21 14:59	11/05/21 20:01	1
Benzoic acid	ND		150	100	ug/L		11/04/21 14:59	11/05/21 20:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	121	S1+	41 - 120	11/04/21 14:59	11/05/21 20:01	1
2-Fluorobiphenyl	95		48 - 120	11/04/21 14:59	11/05/21 20:01	1
2-Fluorophenol	67		35 - 120	11/04/21 14:59	11/05/21 20:01	1
Nitrobenzene-d5	83		46 - 120	11/04/21 14:59	11/05/21 20:01	1
p-Terphenyl-d14	93		60 - 148	11/04/21 14:59	11/05/21 20:01	1
Phenol-d5	51		22 - 120	11/04/21 14:59	11/05/21 20:01	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/05/21 14:20	11/08/21 14:34	1
4,4'-DDE	ND		0.050	0.012	ug/L		11/05/21 14:20	11/08/21 14:34	1
4,4'-DDT	ND		0.050	0.011	ug/L		11/05/21 14:20	11/08/21 14:34	1
Aldrin	ND		0.050	0.0081	ug/L		11/05/21 14:20	11/08/21 14:34	1
alpha-BHC	ND		0.050	0.0077	ug/L		11/05/21 14:20	11/08/21 14:34	1
cis-Chlordane	ND		0.050	0.015	ug/L		11/05/21 14:20	11/08/21 14:34	1
beta-BHC	ND		0.050	0.025	ug/L		11/05/21 14:20	11/08/21 14:34	1
delta-BHC	ND		0.050	0.010	ug/L		11/05/21 14:20	11/08/21 14:34	1
Dieldrin	ND		0.050	0.0098	ug/L		11/05/21 14:20	11/08/21 14:34	1
Endosulfan I	ND		0.050	0.011	ug/L		11/05/21 14:20	11/08/21 14:34	1
Endosulfan II	ND		0.050	0.012	ug/L		11/05/21 14:20	11/08/21 14:34	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		11/05/21 14:20	11/08/21 14:34	1
Endrin	ND		0.050	0.014	ug/L		11/05/21 14:20	11/08/21 14:34	1
Endrin aldehyde	ND		0.050	0.016	ug/L		11/05/21 14:20	11/08/21 14:34	1
Endrin ketone	ND		0.050	0.012	ug/L		11/05/21 14:20	11/08/21 14:34	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		11/05/21 14:20	11/08/21 14:34	1
trans-Chlordane	ND		0.050	0.011	ug/L		11/05/21 14:20	11/08/21 14:34	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: OW-34

Lab Sample ID: 480-191852-6

Date Collected: 11/03/21 15:05

Matrix: Water

Date Received: 11/03/21 15:56

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.050	0.0085	ug/L		11/05/21 14:20	11/08/21 14:34	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		11/05/21 14:20	11/08/21 14:34	1
Methoxychlor	ND		0.050	0.014	ug/L		11/05/21 14:20	11/08/21 14:34	1
Toxaphene	ND		0.50	0.12	ug/L		11/05/21 14:20	11/08/21 14:34	1
Mirex	ND		0.050	0.0096	ug/L		11/05/21 14:20	11/08/21 14:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	66		20 - 120	11/05/21 14:20	11/08/21 14:34	1
DCB Decachlorobiphenyl	62		20 - 120	11/05/21 14:20	11/08/21 14:34	1
Tetrachloro-m-xylene	76		44 - 120	11/05/21 14:20	11/08/21 14:34	1
Tetrachloro-m-xylene	80		44 - 120	11/05/21 14:20	11/08/21 14:34	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 22:23	1
PCB-1221	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 22:23	1
PCB-1232	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 22:23	1
PCB-1242	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 22:23	1
PCB-1248	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 22:23	1
PCB-1254	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 22:23	1
PCB-1260	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 22:23	1
PCB-1262	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 22:23	1
PCB-1268	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 22:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	78		39 - 121	11/08/21 10:26	11/08/21 22:23	1
Tetrachloro-m-xylene	78		39 - 121	11/08/21 10:26	11/08/21 22:23	1
DCB Decachlorobiphenyl	142	S1+	19 - 120	11/08/21 10:26	11/08/21 22:23	1
DCB Decachlorobiphenyl	92		19 - 120	11/08/21 10:26	11/08/21 22:23	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/08/21 09:00	11/09/21 16:59	1
Antimony	ND		0.020	0.0068	mg/L		11/08/21 09:00	11/09/21 16:59	1
Arsenic	0.022		0.015	0.0056	mg/L		11/08/21 09:00	11/09/21 16:59	1
Barium	0.34		0.0020	0.00070	mg/L		11/08/21 09:00	11/09/21 16:59	1
Beryllium	ND		0.0020	0.00030	mg/L		11/08/21 09:00	11/09/21 16:59	1
Cadmium	ND		0.0020	0.00050	mg/L		11/08/21 09:00	11/09/21 16:59	1
Calcium	273		0.50	0.10	mg/L		11/08/21 09:00	11/09/21 16:59	1
Chromium	0.0011	J	0.0040	0.0010	mg/L		11/08/21 09:00	11/09/21 16:59	1
Cobalt	0.00086	J	0.0040	0.00063	mg/L		11/08/21 09:00	11/09/21 16:59	1
Copper	ND		0.010	0.0016	mg/L		11/08/21 09:00	11/09/21 16:59	1
Iron	14.1		0.050	0.019	mg/L		11/08/21 09:00	11/09/21 16:59	1
Lead	0.0031	J	0.010	0.0030	mg/L		11/08/21 09:00	11/09/21 16:59	1
Magnesium	76.5		0.20	0.043	mg/L		11/08/21 09:00	11/09/21 16:59	1
Manganese	0.28		0.0030	0.00040	mg/L		11/08/21 09:00	11/09/21 16:59	1
Nickel	0.0019	J	0.010	0.0013	mg/L		11/08/21 09:00	11/09/21 16:59	1
Potassium	14.3	B	0.50	0.10	mg/L		11/08/21 09:00	11/09/21 16:59	1
Selenium	ND		0.025	0.0087	mg/L		11/08/21 09:00	11/09/21 16:59	1
Silver	ND		0.0060	0.0017	mg/L		11/08/21 09:00	11/09/21 16:59	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: OW-34

Lab Sample ID: 480-191852-6

Date Collected: 11/03/21 15:05

Matrix: Water

Date Received: 11/03/21 15:56

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	63.7		1.0	0.32	mg/L		11/08/21 09:00	11/09/21 16:59	1
Thallium	ND		0.020	0.010	mg/L		11/08/21 09:00	11/09/21 16:59	1
Vanadium	ND		0.0050	0.0015	mg/L		11/08/21 09:00	11/09/21 16:59	1
Zinc	0.0045	J	0.010	0.0015	mg/L		11/08/21 09:00	11/09/21 16:59	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000067	J	0.00020	0.000043	mg/L		11/09/21 13:30	11/09/21 18:10	1

Well OW-35

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: OW-35

Lab Sample ID: 480-191852-4

Date Collected: 11/03/21 13:20

Matrix: Water

Date Received: 11/03/21 15:56

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			11/06/21 08:02	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			11/06/21 08:02	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			11/06/21 08:02	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			11/06/21 08:02	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			11/06/21 08:02	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			11/06/21 08:02	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			11/06/21 08:02	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			11/06/21 08:02	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			11/06/21 08:02	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			11/06/21 08:02	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			11/06/21 08:02	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			11/06/21 08:02	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			11/06/21 08:02	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			11/06/21 08:02	2
2-Butanone (MEK)	ND		20	2.6	ug/L			11/06/21 08:02	2
2-Hexanone	ND		10	2.5	ug/L			11/06/21 08:02	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			11/06/21 08:02	2
Acetone	ND		20	6.0	ug/L			11/06/21 08:02	2
Benzene	2.4		2.0	0.82	ug/L			11/06/21 08:02	2
Bromodichloromethane	ND		2.0	0.78	ug/L			11/06/21 08:02	2
Bromoform	ND		2.0	0.52	ug/L			11/06/21 08:02	2
Bromomethane	ND		2.0	1.4	ug/L			11/06/21 08:02	2
Carbon disulfide	ND		2.0	0.38	ug/L			11/06/21 08:02	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			11/06/21 08:02	2
Chlorobenzene	63		2.0	1.5	ug/L			11/06/21 08:02	2
Chloroethane	ND		2.0	0.64	ug/L			11/06/21 08:02	2
Chloroform	ND		2.0	0.68	ug/L			11/06/21 08:02	2
Chloromethane	ND		2.0	0.70	ug/L			11/06/21 08:02	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			11/06/21 08:02	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			11/06/21 08:02	2
Cyclohexane	ND		2.0	0.36	ug/L			11/06/21 08:02	2
Dibromochloromethane	ND		2.0	0.64	ug/L			11/06/21 08:02	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			11/06/21 08:02	2
Ethylbenzene	ND		2.0	1.5	ug/L			11/06/21 08:02	2
Isopropylbenzene	ND		2.0	1.6	ug/L			11/06/21 08:02	2
Methyl acetate	ND		5.0	2.6	ug/L			11/06/21 08:02	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			11/06/21 08:02	2
Methylcyclohexane	ND		2.0	0.32	ug/L			11/06/21 08:02	2
Methylene Chloride	ND		2.0	0.88	ug/L			11/06/21 08:02	2
Styrene	ND		2.0	1.5	ug/L			11/06/21 08:02	2
Tetrachloroethene	ND		2.0	0.72	ug/L			11/06/21 08:02	2
Toluene	ND		2.0	1.0	ug/L			11/06/21 08:02	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			11/06/21 08:02	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			11/06/21 08:02	2
Trichloroethene	ND		2.0	0.92	ug/L			11/06/21 08:02	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			11/06/21 08:02	2
Vinyl chloride	ND		2.0	1.8	ug/L			11/06/21 08:02	2
Xylenes, Total	ND		4.0	1.3	ug/L			11/06/21 08:02	2

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: OW-35

Lab Sample ID: 480-191852-4

Date Collected: 11/03/21 13:20

Matrix: Water

Date Received: 11/03/21 15:56

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		11/06/21 08:02	2
4-Bromofluorobenzene (Surr)	100		73 - 120		11/06/21 08:02	2
Toluene-d8 (Surr)	93		80 - 120		11/06/21 08:02	2

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/04/21 14:59	11/05/21 19:07	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/04/21 14:59	11/05/21 19:07	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/04/21 14:59	11/05/21 19:07	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/04/21 14:59	11/05/21 19:07	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 19:07	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/04/21 14:59	11/05/21 19:07	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 19:07	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 19:07	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 19:07	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/04/21 14:59	11/05/21 19:07	1
2-Chlorophenol	0.61	J	5.0	0.53	ug/L		11/04/21 14:59	11/05/21 19:07	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/04/21 14:59	11/05/21 19:07	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 19:07	1
2-Nitroaniline	ND		10	0.42	ug/L		11/04/21 14:59	11/05/21 19:07	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/04/21 14:59	11/05/21 19:07	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 19:07	1
3-Nitroaniline	ND		10	0.48	ug/L		11/04/21 14:59	11/05/21 19:07	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 19:07	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 19:07	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 19:07	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 19:07	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 19:07	1
4-Methylphenol	ND		10	0.36	ug/L		11/04/21 14:59	11/05/21 19:07	1
4-Nitroaniline	ND		10	0.25	ug/L		11/04/21 14:59	11/05/21 19:07	1
4-Nitrophenol	ND		10	1.5	ug/L		11/04/21 14:59	11/05/21 19:07	1
Acenaphthene	ND		5.0	0.41	ug/L		11/04/21 14:59	11/05/21 19:07	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/04/21 14:59	11/05/21 19:07	1
Acetophenone	ND		5.0	0.54	ug/L		11/04/21 14:59	11/05/21 19:07	1
Anthracene	ND		5.0	0.28	ug/L		11/04/21 14:59	11/05/21 19:07	1
Atrazine	ND		5.0	0.46	ug/L		11/04/21 14:59	11/05/21 19:07	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/04/21 14:59	11/05/21 19:07	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 19:07	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 19:07	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/04/21 14:59	11/05/21 19:07	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 19:07	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/04/21 14:59	11/05/21 19:07	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 19:07	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 19:07	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/04/21 14:59	11/05/21 19:07	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/04/21 14:59	11/05/21 19:07	1
Caprolactam	ND		5.0	2.2	ug/L		11/04/21 14:59	11/05/21 19:07	1
Carbazole	ND		5.0	0.30	ug/L		11/04/21 14:59	11/05/21 19:07	1
Chrysene	ND		5.0	0.33	ug/L		11/04/21 14:59	11/05/21 19:07	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/04/21 14:59	11/05/21 19:07	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: OW-35

Lab Sample ID: 480-191852-4

Date Collected: 11/03/21 13:20

Matrix: Water

Date Received: 11/03/21 15:56

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 19:07	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/04/21 14:59	11/05/21 19:07	1
Dibenzofuran	ND		10	0.51	ug/L		11/04/21 14:59	11/05/21 19:07	1
Diethyl phthalate	0.30	J	5.0	0.22	ug/L		11/04/21 14:59	11/05/21 19:07	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 19:07	1
Fluoranthene	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 19:07	1
Fluorene	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 19:07	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 19:07	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/04/21 14:59	11/05/21 19:07	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 19:07	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 19:07	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 19:07	1
Isophorone	ND		5.0	0.43	ug/L		11/04/21 14:59	11/05/21 19:07	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/04/21 14:59	11/05/21 19:07	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 19:07	1
Naphthalene	ND		5.0	0.76	ug/L		11/04/21 14:59	11/05/21 19:07	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/04/21 14:59	11/05/21 19:07	1
Pentachlorophenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 19:07	1
Phenanthrene	ND		5.0	0.44	ug/L		11/04/21 14:59	11/05/21 19:07	1
Phenol	ND		5.0	0.39	ug/L		11/04/21 14:59	11/05/21 19:07	1
Pyrene	ND		5.0	0.34	ug/L		11/04/21 14:59	11/05/21 19:07	1
Benzoic acid	ND		150	100	ug/L		11/04/21 14:59	11/05/21 19:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	130	S1+	41 - 120	11/04/21 14:59	11/05/21 19:07	1
2-Fluorobiphenyl	102		48 - 120	11/04/21 14:59	11/05/21 19:07	1
2-Fluorophenol	70		35 - 120	11/04/21 14:59	11/05/21 19:07	1
Nitrobenzene-d5	90		46 - 120	11/04/21 14:59	11/05/21 19:07	1
p-Terphenyl-d14	92		60 - 148	11/04/21 14:59	11/05/21 19:07	1
Phenol-d5	55		22 - 120	11/04/21 14:59	11/05/21 19:07	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/05/21 14:20	11/08/21 13:55	1
4,4'-DDE	ND		0.050	0.012	ug/L		11/05/21 14:20	11/08/21 13:55	1
4,4'-DDT	ND		0.050	0.011	ug/L		11/05/21 14:20	11/08/21 13:55	1
Aldrin	ND		0.050	0.0081	ug/L		11/05/21 14:20	11/08/21 13:55	1
alpha-BHC	ND		0.050	0.0077	ug/L		11/05/21 14:20	11/08/21 13:55	1
cis-Chlordane	ND		0.050	0.015	ug/L		11/05/21 14:20	11/08/21 13:55	1
beta-BHC	ND		0.050	0.025	ug/L		11/05/21 14:20	11/08/21 13:55	1
delta-BHC	ND		0.050	0.010	ug/L		11/05/21 14:20	11/08/21 13:55	1
Dieldrin	ND		0.050	0.0098	ug/L		11/05/21 14:20	11/08/21 13:55	1
Endosulfan I	ND		0.050	0.011	ug/L		11/05/21 14:20	11/08/21 13:55	1
Endosulfan II	ND		0.050	0.012	ug/L		11/05/21 14:20	11/08/21 13:55	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		11/05/21 14:20	11/08/21 13:55	1
Endrin	ND		0.050	0.014	ug/L		11/05/21 14:20	11/08/21 13:55	1
Endrin aldehyde	ND		0.050	0.016	ug/L		11/05/21 14:20	11/08/21 13:55	1
Endrin ketone	ND		0.050	0.012	ug/L		11/05/21 14:20	11/08/21 13:55	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		11/05/21 14:20	11/08/21 13:55	1
trans-Chlordane	ND		0.050	0.011	ug/L		11/05/21 14:20	11/08/21 13:55	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: OW-35

Lab Sample ID: 480-191852-4

Date Collected: 11/03/21 13:20

Matrix: Water

Date Received: 11/03/21 15:56

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.050	0.0085	ug/L		11/05/21 14:20	11/08/21 13:55	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		11/05/21 14:20	11/08/21 13:55	1
Methoxychlor	ND		0.050	0.014	ug/L		11/05/21 14:20	11/08/21 13:55	1
Toxaphene	ND		0.50	0.12	ug/L		11/05/21 14:20	11/08/21 13:55	1
Mirex	ND		0.050	0.0096	ug/L		11/05/21 14:20	11/08/21 13:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	79		20 - 120	11/05/21 14:20	11/08/21 13:55	1
DCB Decachlorobiphenyl	53		20 - 120	11/05/21 14:20	11/08/21 13:55	1
Tetrachloro-m-xylene	85		44 - 120	11/05/21 14:20	11/08/21 13:55	1
Tetrachloro-m-xylene	78		44 - 120	11/05/21 14:20	11/08/21 13:55	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 21:58	1
PCB-1221	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 21:58	1
PCB-1232	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 21:58	1
PCB-1242	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 21:58	1
PCB-1248	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 21:58	1
PCB-1254	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 21:58	1
PCB-1260	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 21:58	1
PCB-1262	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 21:58	1
PCB-1268	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 21:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	71		39 - 121	11/08/21 10:26	11/08/21 21:58	1
Tetrachloro-m-xylene	72		39 - 121	11/08/21 10:26	11/08/21 21:58	1
DCB Decachlorobiphenyl	105		19 - 120	11/08/21 10:26	11/08/21 21:58	1
DCB Decachlorobiphenyl	64		19 - 120	11/08/21 10:26	11/08/21 21:58	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.43		0.20	0.060	mg/L		11/08/21 09:00	11/09/21 16:52	1
Antimony	ND		0.020	0.0068	mg/L		11/08/21 09:00	11/09/21 16:52	1
Arsenic	0.040		0.015	0.0056	mg/L		11/08/21 09:00	11/09/21 16:52	1
Barium	1.1		0.0020	0.00070	mg/L		11/08/21 09:00	11/09/21 16:52	1
Beryllium	ND		0.0020	0.00030	mg/L		11/08/21 09:00	11/09/21 16:52	1
Cadmium	0.00055	J	0.0020	0.00050	mg/L		11/08/21 09:00	11/09/21 16:52	1
Calcium	129		0.50	0.10	mg/L		11/08/21 09:00	11/09/21 16:52	1
Chromium	0.0020	J	0.0040	0.0010	mg/L		11/08/21 09:00	11/09/21 16:52	1
Cobalt	0.0026	J	0.0040	0.00063	mg/L		11/08/21 09:00	11/09/21 16:52	1
Copper	0.0041	J	0.010	0.0016	mg/L		11/08/21 09:00	11/09/21 16:52	1
Iron	17.3		0.050	0.019	mg/L		11/08/21 09:00	11/09/21 16:52	1
Lead	0.0075	J	0.010	0.0030	mg/L		11/08/21 09:00	11/09/21 16:52	1
Magnesium	86.8		0.20	0.043	mg/L		11/08/21 09:00	11/09/21 16:52	1
Manganese	0.089		0.0030	0.00040	mg/L		11/08/21 09:00	11/09/21 16:52	1
Nickel	0.0070	J	0.010	0.0013	mg/L		11/08/21 09:00	11/09/21 16:52	1
Potassium	30.6	B	0.50	0.10	mg/L		11/08/21 09:00	11/09/21 16:52	1
Selenium	ND		0.025	0.0087	mg/L		11/08/21 09:00	11/09/21 16:52	1
Silver	ND		0.0060	0.0017	mg/L		11/08/21 09:00	11/09/21 16:52	1

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Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: OW-35

Lab Sample ID: 480-191852-4

Date Collected: 11/03/21 13:20

Matrix: Water

Date Received: 11/03/21 15:56

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	81.5		1.0	0.32	mg/L		11/08/21 09:00	11/09/21 16:52	1
Thallium	ND		0.020	0.010	mg/L		11/08/21 09:00	11/09/21 16:52	1
Vanadium	0.0035	J	0.0050	0.0015	mg/L		11/08/21 09:00	11/09/21 16:52	1
Zinc	0.011		0.010	0.0015	mg/L		11/08/21 09:00	11/09/21 16:52	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000083	J	0.00020	0.000043	mg/L		11/09/21 13:30	11/09/21 18:08	1

Well OW-36

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: OW-36

Lab Sample ID: 480-191852-5

Date Collected: 11/03/21 14:00

Matrix: Water

Date Received: 11/03/21 15:56

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			11/06/21 12:51	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			11/06/21 12:51	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			11/06/21 12:51	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			11/06/21 12:51	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			11/06/21 12:51	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			11/06/21 12:51	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			11/06/21 12:51	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			11/06/21 12:51	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			11/06/21 12:51	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			11/06/21 12:51	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			11/06/21 12:51	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			11/06/21 12:51	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			11/06/21 12:51	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			11/06/21 12:51	4
2-Butanone (MEK)	ND		40	5.3	ug/L			11/06/21 12:51	4
2-Hexanone	ND		20	5.0	ug/L			11/06/21 12:51	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			11/06/21 12:51	4
Acetone	ND		40	12	ug/L			11/06/21 12:51	4
Benzene	2.7	J	4.0	1.6	ug/L			11/06/21 12:51	4
Bromodichloromethane	ND		4.0	1.6	ug/L			11/06/21 12:51	4
Bromoform	ND		4.0	1.0	ug/L			11/06/21 12:51	4
Bromomethane	ND		4.0	2.8	ug/L			11/06/21 12:51	4
Carbon disulfide	ND		4.0	0.76	ug/L			11/06/21 12:51	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			11/06/21 12:51	4
Chlorobenzene	9.4		4.0	3.0	ug/L			11/06/21 12:51	4
Chloroethane	ND		4.0	1.3	ug/L			11/06/21 12:51	4
Chloroform	ND		4.0	1.4	ug/L			11/06/21 12:51	4
Chloromethane	ND		4.0	1.4	ug/L			11/06/21 12:51	4
cis-1,2-Dichloroethene	ND		4.0	3.2	ug/L			11/06/21 12:51	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			11/06/21 12:51	4
Cyclohexane	ND		4.0	0.72	ug/L			11/06/21 12:51	4
Dibromochloromethane	ND		4.0	1.3	ug/L			11/06/21 12:51	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			11/06/21 12:51	4
Ethylbenzene	3.7	J	4.0	3.0	ug/L			11/06/21 12:51	4
Isopropylbenzene	5.7		4.0	3.2	ug/L			11/06/21 12:51	4
Methyl acetate	ND		10	5.2	ug/L			11/06/21 12:51	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			11/06/21 12:51	4
Methylcyclohexane	ND		4.0	0.64	ug/L			11/06/21 12:51	4
Methylene Chloride	ND		4.0	1.8	ug/L			11/06/21 12:51	4
Styrene	ND		4.0	2.9	ug/L			11/06/21 12:51	4
Tetrachloroethene	ND		4.0	1.4	ug/L			11/06/21 12:51	4
Toluene	ND		4.0	2.0	ug/L			11/06/21 12:51	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			11/06/21 12:51	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			11/06/21 12:51	4
Trichloroethene	ND		4.0	1.8	ug/L			11/06/21 12:51	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			11/06/21 12:51	4
Vinyl chloride	ND		4.0	3.6	ug/L			11/06/21 12:51	4
Xylenes, Total	130		8.0	2.6	ug/L			11/06/21 12:51	4

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: OW-36

Lab Sample ID: 480-191852-5

Date Collected: 11/03/21 14:00

Matrix: Water

Date Received: 11/03/21 15:56

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		77 - 120		11/06/21 12:51	4
4-Bromofluorobenzene (Surr)	102		73 - 120		11/06/21 12:51	4
Toluene-d8 (Surr)	98		80 - 120		11/06/21 12:51	4

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	8.2		5.0	0.65	ug/L		11/04/21 14:59	11/05/21 19:34	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/04/21 14:59	11/05/21 19:34	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/04/21 14:59	11/05/21 19:34	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/04/21 14:59	11/05/21 19:34	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 19:34	1
2,4-Dimethylphenol	1.9 J		5.0	0.50	ug/L		11/04/21 14:59	11/05/21 19:34	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 19:34	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 19:34	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 19:34	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/04/21 14:59	11/05/21 19:34	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/04/21 14:59	11/05/21 19:34	1
2-Methylnaphthalene	1.8 J		5.0	0.60	ug/L		11/04/21 14:59	11/05/21 19:34	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 19:34	1
2-Nitroaniline	ND		10	0.42	ug/L		11/04/21 14:59	11/05/21 19:34	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/04/21 14:59	11/05/21 19:34	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 19:34	1
3-Nitroaniline	ND		10	0.48	ug/L		11/04/21 14:59	11/05/21 19:34	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 19:34	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 19:34	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 19:34	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 19:34	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 19:34	1
4-Methylphenol	ND		10	0.36	ug/L		11/04/21 14:59	11/05/21 19:34	1
4-Nitroaniline	ND		10	0.25	ug/L		11/04/21 14:59	11/05/21 19:34	1
4-Nitrophenol	ND		10	1.5	ug/L		11/04/21 14:59	11/05/21 19:34	1
Acenaphthene	ND		5.0	0.41	ug/L		11/04/21 14:59	11/05/21 19:34	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/04/21 14:59	11/05/21 19:34	1
Acetophenone	ND		5.0	0.54	ug/L		11/04/21 14:59	11/05/21 19:34	1
Anthracene	ND		5.0	0.28	ug/L		11/04/21 14:59	11/05/21 19:34	1
Atrazine	ND		5.0	0.46	ug/L		11/04/21 14:59	11/05/21 19:34	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/04/21 14:59	11/05/21 19:34	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 19:34	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 19:34	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/04/21 14:59	11/05/21 19:34	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 19:34	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/04/21 14:59	11/05/21 19:34	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 19:34	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 19:34	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/04/21 14:59	11/05/21 19:34	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/04/21 14:59	11/05/21 19:34	1
Caprolactam	ND		5.0	2.2	ug/L		11/04/21 14:59	11/05/21 19:34	1
Carbazole	ND		5.0	0.30	ug/L		11/04/21 14:59	11/05/21 19:34	1
Chrysene	ND		5.0	0.33	ug/L		11/04/21 14:59	11/05/21 19:34	1
Di-n-butyl phthalate	0.45 J		5.0	0.31	ug/L		11/04/21 14:59	11/05/21 19:34	1

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Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: OW-36

Lab Sample ID: 480-191852-5

Date Collected: 11/03/21 14:00

Matrix: Water

Date Received: 11/03/21 15:56

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 19:34	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/04/21 14:59	11/05/21 19:34	1
Dibenzofuran	ND		10	0.51	ug/L		11/04/21 14:59	11/05/21 19:34	1
Diethyl phthalate	0.60	J	5.0	0.22	ug/L		11/04/21 14:59	11/05/21 19:34	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 19:34	1
Fluoranthene	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 19:34	1
Fluorene	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 19:34	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 19:34	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/04/21 14:59	11/05/21 19:34	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 19:34	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 19:34	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 19:34	1
Isophorone	ND		5.0	0.43	ug/L		11/04/21 14:59	11/05/21 19:34	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/04/21 14:59	11/05/21 19:34	1
N-Nitrosodiphenylamine	1.1	J	5.0	0.51	ug/L		11/04/21 14:59	11/05/21 19:34	1
Naphthalene	7.7		5.0	0.76	ug/L		11/04/21 14:59	11/05/21 19:34	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/04/21 14:59	11/05/21 19:34	1
Pentachlorophenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 19:34	1
Phenanthrene	ND		5.0	0.44	ug/L		11/04/21 14:59	11/05/21 19:34	1
Phenol	2.7	J	5.0	0.39	ug/L		11/04/21 14:59	11/05/21 19:34	1
Pyrene	ND		5.0	0.34	ug/L		11/04/21 14:59	11/05/21 19:34	1
Benzoic acid	ND		150	100	ug/L		11/04/21 14:59	11/05/21 19:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	122	S1+	41 - 120	11/04/21 14:59	11/05/21 19:34	1
2-Fluorobiphenyl	96		48 - 120	11/04/21 14:59	11/05/21 19:34	1
2-Fluorophenol	68		35 - 120	11/04/21 14:59	11/05/21 19:34	1
Nitrobenzene-d5	84		46 - 120	11/04/21 14:59	11/05/21 19:34	1
p-Terphenyl-d14	79		60 - 148	11/04/21 14:59	11/05/21 19:34	1
Phenol-d5	53		22 - 120	11/04/21 14:59	11/05/21 19:34	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.25	0.046	ug/L		11/05/21 14:20	11/08/21 14:15	1
4,4'-DDE	ND		0.25	0.058	ug/L		11/05/21 14:20	11/08/21 14:15	1
4,4'-DDT	ND		0.25	0.055	ug/L		11/05/21 14:20	11/08/21 14:15	1
Aldrin	ND		0.25	0.041	ug/L		11/05/21 14:20	11/08/21 14:15	1
alpha-BHC	ND		0.25	0.039	ug/L		11/05/21 14:20	11/08/21 14:15	1
cis-Chlordane	ND		0.25	0.074	ug/L		11/05/21 14:20	11/08/21 14:15	1
beta-BHC	ND		0.25	0.12	ug/L		11/05/21 14:20	11/08/21 14:15	1
delta-BHC	ND		0.25	0.050	ug/L		11/05/21 14:20	11/08/21 14:15	1
Dieldrin	ND		0.25	0.049	ug/L		11/05/21 14:20	11/08/21 14:15	1
Endosulfan I	ND		0.25	0.055	ug/L		11/05/21 14:20	11/08/21 14:15	1
Endosulfan II	0.071	J B	0.25	0.060	ug/L		11/05/21 14:20	11/08/21 14:15	1
Endosulfan sulfate	ND		0.25	0.079	ug/L		11/05/21 14:20	11/08/21 14:15	1
Endrin	ND		0.25	0.069	ug/L		11/05/21 14:20	11/08/21 14:15	1
Endrin aldehyde	ND		0.25	0.082	ug/L		11/05/21 14:20	11/08/21 14:15	1
Endrin ketone	ND		0.25	0.060	ug/L		11/05/21 14:20	11/08/21 14:15	1
gamma-BHC (Lindane)	ND		0.25	0.040	ug/L		11/05/21 14:20	11/08/21 14:15	1
trans-Chlordane	ND		0.25	0.055	ug/L		11/05/21 14:20	11/08/21 14:15	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: OW-36

Lab Sample ID: 480-191852-5

Date Collected: 11/03/21 14:00

Matrix: Water

Date Received: 11/03/21 15:56

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.25	0.043	ug/L		11/05/21 14:20	11/08/21 14:15	1
Heptachlor epoxide	ND		0.25	0.037	ug/L		11/05/21 14:20	11/08/21 14:15	1
Methoxychlor	ND		0.25	0.071	ug/L		11/05/21 14:20	11/08/21 14:15	1
Toxaphene	ND		2.5	0.60	ug/L		11/05/21 14:20	11/08/21 14:15	1
Mirex	ND		0.25	0.048	ug/L		11/05/21 14:20	11/08/21 14:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	45		20 - 120	11/05/21 14:20	11/08/21 14:15	1
DCB Decachlorobiphenyl	48		20 - 120	11/05/21 14:20	11/08/21 14:15	1
Tetrachloro-m-xylene	89		44 - 120	11/05/21 14:20	11/08/21 14:15	1
Tetrachloro-m-xylene	75		44 - 120	11/05/21 14:20	11/08/21 14:15	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.32	J	0.50	0.18	ug/L		11/08/21 10:26	11/08/21 22:10	1
PCB-1221	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 22:10	1
PCB-1232	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 22:10	1
PCB-1242	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 22:10	1
PCB-1248	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 22:10	1
PCB-1254	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 22:10	1
PCB-1260	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 22:10	1
PCB-1262	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 22:10	1
PCB-1268	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 22:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	70		39 - 121	11/08/21 10:26	11/08/21 22:10	1
Tetrachloro-m-xylene	76		39 - 121	11/08/21 10:26	11/08/21 22:10	1
DCB Decachlorobiphenyl	88		19 - 120	11/08/21 10:26	11/08/21 22:10	1
DCB Decachlorobiphenyl	55		19 - 120	11/08/21 10:26	11/08/21 22:10	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.39		0.20	0.060	mg/L		11/08/21 09:00	11/09/21 16:56	1
Antimony	0.027		0.020	0.0068	mg/L		11/08/21 09:00	11/09/21 16:56	1
Arsenic	ND		0.015	0.0056	mg/L		11/08/21 09:00	11/09/21 16:56	1
Barium	0.48		0.0020	0.00070	mg/L		11/08/21 09:00	11/09/21 16:56	1
Beryllium	ND		0.0020	0.00030	mg/L		11/08/21 09:00	11/09/21 16:56	1
Cadmium	ND		0.0020	0.00050	mg/L		11/08/21 09:00	11/09/21 16:56	1
Calcium	145		0.50	0.10	mg/L		11/08/21 09:00	11/09/21 16:56	1
Chromium	0.0036	J	0.0040	0.0010	mg/L		11/08/21 09:00	11/09/21 16:56	1
Cobalt	0.00091	J	0.0040	0.00063	mg/L		11/08/21 09:00	11/09/21 16:56	1
Copper	0.0026	J	0.010	0.0016	mg/L		11/08/21 09:00	11/09/21 16:56	1
Iron	39.9		0.050	0.019	mg/L		11/08/21 09:00	11/09/21 16:56	1
Lead	0.0079	J	0.010	0.0030	mg/L		11/08/21 09:00	11/09/21 16:56	1
Magnesium	26.8		0.20	0.043	mg/L		11/08/21 09:00	11/09/21 16:56	1
Manganese	0.34		0.0030	0.00040	mg/L		11/08/21 09:00	11/09/21 16:56	1
Nickel	0.0014	J	0.010	0.0013	mg/L		11/08/21 09:00	11/09/21 16:56	1
Potassium	14.9	B	0.50	0.10	mg/L		11/08/21 09:00	11/09/21 16:56	1
Selenium	ND		0.025	0.0087	mg/L		11/08/21 09:00	11/09/21 16:56	1
Silver	ND		0.0060	0.0017	mg/L		11/08/21 09:00	11/09/21 16:56	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: OW-36

Lab Sample ID: 480-191852-5

Date Collected: 11/03/21 14:00

Matrix: Water

Date Received: 11/03/21 15:56

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	6.9		1.0	0.32	mg/L		11/08/21 09:00	11/09/21 16:56	1
Thallium	ND		0.020	0.010	mg/L		11/08/21 09:00	11/09/21 16:56	1
Vanadium	ND		0.0050	0.0015	mg/L		11/08/21 09:00	11/09/21 16:56	1
Zinc	0.012		0.010	0.0015	mg/L		11/08/21 09:00	11/09/21 16:56	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000083	J	0.00020	0.000043	mg/L		11/09/21 13:30	11/09/21 18:09	1

Well OW-37

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191913-1

Client Sample ID: OW-37

Lab Sample ID: 480-191913-4

Date Collected: 11/04/21 14:00

Matrix: Water

Date Received: 11/04/21 15:04

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			11/12/21 15:56	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			11/12/21 15:56	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			11/12/21 15:56	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			11/12/21 15:56	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			11/12/21 15:56	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			11/12/21 15:56	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			11/12/21 15:56	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			11/12/21 15:56	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			11/12/21 15:56	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			11/12/21 15:56	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			11/12/21 15:56	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			11/12/21 15:56	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			11/12/21 15:56	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			11/12/21 15:56	2
2-Butanone (MEK)	ND		20	2.6	ug/L			11/12/21 15:56	2
2-Hexanone	ND		10	2.5	ug/L			11/12/21 15:56	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			11/12/21 15:56	2
Acetone	ND		20	6.0	ug/L			11/12/21 15:56	2
Benzene	ND		2.0	0.82	ug/L			11/12/21 15:56	2
Bromodichloromethane	ND		2.0	0.78	ug/L			11/12/21 15:56	2
Bromoform	ND		2.0	0.52	ug/L			11/12/21 15:56	2
Bromomethane	ND		2.0	1.4	ug/L			11/12/21 15:56	2
Carbon disulfide	ND		2.0	0.38	ug/L			11/12/21 15:56	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			11/12/21 15:56	2
Chlorobenzene	ND		2.0	1.5	ug/L			11/12/21 15:56	2
Chloroethane	ND		2.0	0.64	ug/L			11/12/21 15:56	2
Chloroform	ND		2.0	0.68	ug/L			11/12/21 15:56	2
Chloromethane	ND		2.0	0.70	ug/L			11/12/21 15:56	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			11/12/21 15:56	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			11/12/21 15:56	2
Cyclohexane	ND		2.0	0.36	ug/L			11/12/21 15:56	2
Dibromochloromethane	ND		2.0	0.64	ug/L			11/12/21 15:56	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			11/12/21 15:56	2
Ethylbenzene	ND		2.0	1.5	ug/L			11/12/21 15:56	2
Isopropylbenzene	ND		2.0	1.6	ug/L			11/12/21 15:56	2
Methyl acetate	ND		5.0	2.6	ug/L			11/12/21 15:56	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			11/12/21 15:56	2
Methylcyclohexane	ND		2.0	0.32	ug/L			11/12/21 15:56	2
Methylene Chloride	ND		2.0	0.88	ug/L			11/12/21 15:56	2
Styrene	ND		2.0	1.5	ug/L			11/12/21 15:56	2
Tetrachloroethene	ND		2.0	0.72	ug/L			11/12/21 15:56	2
Toluene	ND		2.0	1.0	ug/L			11/12/21 15:56	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			11/12/21 15:56	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			11/12/21 15:56	2
Trichloroethene	ND		2.0	0.92	ug/L			11/12/21 15:56	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			11/12/21 15:56	2
Vinyl chloride	ND		2.0	1.8	ug/L			11/12/21 15:56	2
Xylenes, Total	ND		4.0	1.3	ug/L			11/12/21 15:56	2

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191913-1

Client Sample ID: OW-37

Lab Sample ID: 480-191913-4

Date Collected: 11/04/21 14:00

Matrix: Water

Date Received: 11/04/21 15:04

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		11/12/21 15:56	2
4-Bromofluorobenzene (Surr)	101		73 - 120		11/12/21 15:56	2
Toluene-d8 (Surr)	101		80 - 120		11/12/21 15:56	2

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/07/21 15:22	11/09/21 18:40	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/07/21 15:22	11/09/21 18:40	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/07/21 15:22	11/09/21 18:40	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/07/21 15:22	11/09/21 18:40	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/07/21 15:22	11/09/21 18:40	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/07/21 15:22	11/09/21 18:40	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/07/21 15:22	11/09/21 18:40	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/07/21 15:22	11/09/21 18:40	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/07/21 15:22	11/09/21 18:40	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/07/21 15:22	11/09/21 18:40	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/07/21 15:22	11/09/21 18:40	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/07/21 15:22	11/09/21 18:40	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/07/21 15:22	11/09/21 18:40	1
2-Nitroaniline	ND		10	0.42	ug/L		11/07/21 15:22	11/09/21 18:40	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/07/21 15:22	11/09/21 18:40	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/07/21 15:22	11/09/21 18:40	1
3-Nitroaniline	ND		10	0.48	ug/L		11/07/21 15:22	11/09/21 18:40	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/07/21 15:22	11/09/21 18:40	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/07/21 15:22	11/09/21 18:40	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/07/21 15:22	11/09/21 18:40	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/07/21 15:22	11/09/21 18:40	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/07/21 15:22	11/09/21 18:40	1
4-Methylphenol	ND		10	0.36	ug/L		11/07/21 15:22	11/09/21 18:40	1
4-Nitroaniline	ND		10	0.25	ug/L		11/07/21 15:22	11/09/21 18:40	1
4-Nitrophenol	ND		10	1.5	ug/L		11/07/21 15:22	11/09/21 18:40	1
Acenaphthene	ND		5.0	0.41	ug/L		11/07/21 15:22	11/09/21 18:40	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/07/21 15:22	11/09/21 18:40	1
Acetophenone	ND		5.0	0.54	ug/L		11/07/21 15:22	11/09/21 18:40	1
Anthracene	ND		5.0	0.28	ug/L		11/07/21 15:22	11/09/21 18:40	1
Atrazine	ND		5.0	0.46	ug/L		11/07/21 15:22	11/09/21 18:40	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/07/21 15:22	11/09/21 18:40	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/07/21 15:22	11/09/21 18:40	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/07/21 15:22	11/09/21 18:40	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/07/21 15:22	11/09/21 18:40	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/07/21 15:22	11/09/21 18:40	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/07/21 15:22	11/09/21 18:40	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/07/21 15:22	11/09/21 18:40	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/07/21 15:22	11/09/21 18:40	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/07/21 15:22	11/09/21 18:40	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/07/21 15:22	11/09/21 18:40	1
Caprolactam	ND		5.0	2.2	ug/L		11/07/21 15:22	11/09/21 18:40	1
Carbazole	ND		5.0	0.30	ug/L		11/07/21 15:22	11/09/21 18:40	1
Chrysene	ND		5.0	0.33	ug/L		11/07/21 15:22	11/09/21 18:40	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/07/21 15:22	11/09/21 18:40	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191913-1

Client Sample ID: OW-37

Lab Sample ID: 480-191913-4

Date Collected: 11/04/21 14:00

Matrix: Water

Date Received: 11/04/21 15:04

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/07/21 15:22	11/09/21 18:40	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/07/21 15:22	11/09/21 18:40	1
Dibenzofuran	ND		10	0.51	ug/L		11/07/21 15:22	11/09/21 18:40	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/07/21 15:22	11/09/21 18:40	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/07/21 15:22	11/09/21 18:40	1
Fluoranthene	ND		5.0	0.40	ug/L		11/07/21 15:22	11/09/21 18:40	1
Fluorene	ND		5.0	0.36	ug/L		11/07/21 15:22	11/09/21 18:40	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/07/21 15:22	11/09/21 18:40	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/07/21 15:22	11/09/21 18:40	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/07/21 15:22	11/09/21 18:40	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/07/21 15:22	11/09/21 18:40	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/07/21 15:22	11/09/21 18:40	1
Isophorone	ND		5.0	0.43	ug/L		11/07/21 15:22	11/09/21 18:40	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/07/21 15:22	11/09/21 18:40	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/07/21 15:22	11/09/21 18:40	1
Naphthalene	ND		5.0	0.76	ug/L		11/07/21 15:22	11/09/21 18:40	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/07/21 15:22	11/09/21 18:40	1
Pentachlorophenol	ND		10	2.2	ug/L		11/07/21 15:22	11/09/21 18:40	1
Phenanthrene	ND		5.0	0.44	ug/L		11/07/21 15:22	11/09/21 18:40	1
Phenol	ND		5.0	0.39	ug/L		11/07/21 15:22	11/09/21 18:40	1
Pyrene	ND		5.0	0.34	ug/L		11/07/21 15:22	11/09/21 18:40	1
Benzoic acid	ND		150	100	ug/L		11/07/21 15:22	11/09/21 18:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	110		41 - 120	11/07/21 15:22	11/09/21 18:40	1
2-Fluorobiphenyl	84		48 - 120	11/07/21 15:22	11/09/21 18:40	1
2-Fluorophenol	58		35 - 120	11/07/21 15:22	11/09/21 18:40	1
Nitrobenzene-d5	70		46 - 120	11/07/21 15:22	11/09/21 18:40	1
p-Terphenyl-d14	80		60 - 148	11/07/21 15:22	11/09/21 18:40	1
Phenol-d5	44		22 - 120	11/07/21 15:22	11/09/21 18:40	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/05/21 14:20	11/08/21 11:38	1
4,4'-DDE	ND		0.050	0.012	ug/L		11/05/21 14:20	11/08/21 11:38	1
4,4'-DDT	ND		0.050	0.011	ug/L		11/05/21 14:20	11/08/21 11:38	1
Aldrin	ND		0.050	0.0081	ug/L		11/05/21 14:20	11/08/21 11:38	1
alpha-BHC	ND		0.050	0.0077	ug/L		11/05/21 14:20	11/08/21 11:38	1
cis-Chlordane	ND		0.050	0.015	ug/L		11/05/21 14:20	11/08/21 11:38	1
beta-BHC	ND		0.050	0.025	ug/L		11/05/21 14:20	11/08/21 11:38	1
delta-BHC	ND		0.050	0.010	ug/L		11/05/21 14:20	11/08/21 11:38	1
Dieldrin	ND		0.050	0.0098	ug/L		11/05/21 14:20	11/08/21 11:38	1
Endosulfan I	ND		0.050	0.011	ug/L		11/05/21 14:20	11/08/21 11:38	1
Endosulfan II	ND		0.050	0.012	ug/L		11/05/21 14:20	11/08/21 11:38	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		11/05/21 14:20	11/08/21 11:38	1
Endrin	ND		0.050	0.014	ug/L		11/05/21 14:20	11/08/21 11:38	1
Endrin aldehyde	ND		0.050	0.016	ug/L		11/05/21 14:20	11/08/21 11:38	1
Endrin ketone	ND		0.050	0.012	ug/L		11/05/21 14:20	11/08/21 11:38	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		11/05/21 14:20	11/08/21 11:38	1
trans-Chlordane	ND		0.050	0.011	ug/L		11/05/21 14:20	11/08/21 11:38	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191913-1

Client Sample ID: OW-37

Lab Sample ID: 480-191913-4

Date Collected: 11/04/21 14:00

Matrix: Water

Date Received: 11/04/21 15:04

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.050	0.0085	ug/L		11/05/21 14:20	11/08/21 11:38	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		11/05/21 14:20	11/08/21 11:38	1
Methoxychlor	ND		0.050	0.014	ug/L		11/05/21 14:20	11/08/21 11:38	1
Toxaphene	ND		0.50	0.12	ug/L		11/05/21 14:20	11/08/21 11:38	1
Mirex	ND		0.050	0.0096	ug/L		11/05/21 14:20	11/08/21 11:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	66		20 - 120	11/05/21 14:20	11/08/21 11:38	1
DCB Decachlorobiphenyl	58		20 - 120	11/05/21 14:20	11/08/21 11:38	1
Tetrachloro-m-xylene	74		44 - 120	11/05/21 14:20	11/08/21 11:38	1
Tetrachloro-m-xylene	71		44 - 120	11/05/21 14:20	11/08/21 11:38	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 23:27	1
PCB-1221	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 23:27	1
PCB-1232	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 23:27	1
PCB-1242	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 23:27	1
PCB-1248	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 23:27	1
PCB-1254	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 23:27	1
PCB-1260	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 23:27	1
PCB-1262	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 23:27	1
PCB-1268	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 23:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	69		39 - 121	11/08/21 10:26	11/08/21 23:27	1
Tetrachloro-m-xylene	73		39 - 121	11/08/21 10:26	11/08/21 23:27	1
DCB Decachlorobiphenyl	93		19 - 120	11/08/21 10:26	11/08/21 23:27	1
DCB Decachlorobiphenyl	57		19 - 120	11/08/21 10:26	11/08/21 23:27	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/10/21 09:20	11/11/21 21:23	1
Antimony	ND		0.020	0.0068	mg/L		11/10/21 09:20	11/11/21 21:23	1
Arsenic	ND		0.015	0.0056	mg/L		11/10/21 09:20	11/11/21 21:23	1
Barium	0.18		0.0020	0.00070	mg/L		11/10/21 09:20	11/11/21 21:23	1
Beryllium	ND		0.0020	0.00030	mg/L		11/10/21 09:20	11/11/21 21:23	1
Cadmium	0.0017 J		0.0020	0.00050	mg/L		11/10/21 09:20	11/11/21 21:23	1
Calcium	222		0.50	0.10	mg/L		11/10/21 09:20	11/11/21 21:23	1
Chromium	ND		0.0040	0.0010	mg/L		11/10/21 09:20	11/11/21 21:23	1
Cobalt	0.0011 J		0.0040	0.00063	mg/L		11/10/21 09:20	11/11/21 21:23	1
Copper	0.0064 J		0.010	0.0016	mg/L		11/10/21 09:20	11/11/21 21:23	1
Iron	0.34		0.050	0.019	mg/L		11/10/21 09:20	11/11/21 21:23	1
Lead	ND		0.010	0.0030	mg/L		11/10/21 09:20	11/11/21 21:23	1
Magnesium	59.9		0.20	0.043	mg/L		11/10/21 09:20	11/11/21 21:23	1
Manganese	0.29		0.0030	0.00040	mg/L		11/10/21 09:20	11/11/21 21:23	1
Nickel	0.0057 J		0.010	0.0013	mg/L		11/10/21 09:20	11/11/21 21:23	1
Potassium	8.3		0.50	0.10	mg/L		11/10/21 09:20	11/11/21 21:23	1
Selenium	ND		0.025	0.0087	mg/L		11/10/21 09:20	11/11/21 21:23	1
Silver	ND		0.0060	0.0017	mg/L		11/10/21 09:20	11/11/21 21:23	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191913-1

Client Sample ID: OW-37

Lab Sample ID: 480-191913-4

Date Collected: 11/04/21 14:00

Matrix: Water

Date Received: 11/04/21 15:04

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	24.0		1.0	0.32	mg/L		11/10/21 09:20	11/11/21 21:23	1
Thallium	ND		0.020	0.010	mg/L		11/10/21 09:20	11/11/21 21:23	1
Vanadium	ND		0.0050	0.0015	mg/L		11/10/21 09:20	11/11/21 21:23	1
Zinc	0.078	B	0.010	0.0015	mg/L		11/10/21 09:20	11/11/21 21:23	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000050	J	0.00020	0.000043	mg/L		11/11/21 10:58	11/11/21 15:11	1

Well LPZ-01S

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: LPZ - 01S

Lab Sample ID: 480-191735-3

Date Collected: 11/01/21 11:45

Matrix: Water

Date Received: 11/01/21 16:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/05/21 14:45	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/05/21 14:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/05/21 14:45	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/05/21 14:45	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/05/21 14:45	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/05/21 14:45	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/05/21 14:45	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/05/21 14:45	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/05/21 14:45	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/05/21 14:45	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/05/21 14:45	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/05/21 14:45	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/05/21 14:45	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/05/21 14:45	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/05/21 14:45	1
2-Hexanone	ND		5.0	1.2	ug/L			11/05/21 14:45	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/05/21 14:45	1
Acetone	ND		10	3.0	ug/L			11/05/21 14:45	1
Benzene	ND		1.0	0.41	ug/L			11/05/21 14:45	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/05/21 14:45	1
Bromoform	ND		1.0	0.26	ug/L			11/05/21 14:45	1
Bromomethane	ND		1.0	0.69	ug/L			11/05/21 14:45	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/05/21 14:45	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/05/21 14:45	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/05/21 14:45	1
Chloroethane	ND		1.0	0.32	ug/L			11/05/21 14:45	1
Chloroform	ND		1.0	0.34	ug/L			11/05/21 14:45	1
Chloromethane	ND		1.0	0.35	ug/L			11/05/21 14:45	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/05/21 14:45	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/05/21 14:45	1
Cyclohexane	ND		1.0	0.18	ug/L			11/05/21 14:45	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/05/21 14:45	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/05/21 14:45	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/05/21 14:45	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/05/21 14:45	1
Methyl acetate	ND		2.5	1.3	ug/L			11/05/21 14:45	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/05/21 14:45	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/05/21 14:45	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/05/21 14:45	1
Styrene	ND		1.0	0.73	ug/L			11/05/21 14:45	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/05/21 14:45	1
Toluene	ND		1.0	0.51	ug/L			11/05/21 14:45	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/05/21 14:45	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/05/21 14:45	1
Trichloroethene	ND		1.0	0.46	ug/L			11/05/21 14:45	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/05/21 14:45	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/05/21 14:45	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/05/21 14:45	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: LPZ - 01S

Lab Sample ID: 480-191735-3

Date Collected: 11/01/21 11:45

Matrix: Water

Date Received: 11/01/21 16:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		11/05/21 14:45	1
4-Bromofluorobenzene (Surr)	103		73 - 120		11/05/21 14:45	1
Toluene-d8 (Surr)	99		80 - 120		11/05/21 14:45	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/03/21 07:03	11/05/21 17:32	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/03/21 07:03	11/05/21 17:32	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/03/21 07:03	11/05/21 17:32	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/03/21 07:03	11/05/21 17:32	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/03/21 07:03	11/05/21 17:32	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/03/21 07:03	11/05/21 17:32	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/03/21 07:03	11/05/21 17:32	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/03/21 07:03	11/05/21 17:32	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 17:32	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/03/21 07:03	11/05/21 17:32	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/03/21 07:03	11/05/21 17:32	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/03/21 07:03	11/05/21 17:32	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 17:32	1
2-Nitroaniline	ND		10	0.42	ug/L		11/03/21 07:03	11/05/21 17:32	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/03/21 07:03	11/05/21 17:32	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 17:32	1
3-Nitroaniline	ND		10	0.48	ug/L		11/03/21 07:03	11/05/21 17:32	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/03/21 07:03	11/05/21 17:32	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/03/21 07:03	11/05/21 17:32	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/03/21 07:03	11/05/21 17:32	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/03/21 07:03	11/05/21 17:32	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/03/21 07:03	11/05/21 17:32	1
4-Methylphenol	ND		10	0.36	ug/L		11/03/21 07:03	11/05/21 17:32	1
4-Nitroaniline	ND		10	0.25	ug/L		11/03/21 07:03	11/05/21 17:32	1
4-Nitrophenol	ND		10	1.5	ug/L		11/03/21 07:03	11/05/21 17:32	1
Acenaphthene	ND		5.0	0.41	ug/L		11/03/21 07:03	11/05/21 17:32	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/03/21 07:03	11/05/21 17:32	1
Acetophenone	ND		5.0	0.54	ug/L		11/03/21 07:03	11/05/21 17:32	1
Anthracene	ND		5.0	0.28	ug/L		11/03/21 07:03	11/05/21 17:32	1
Atrazine	ND		5.0	0.46	ug/L		11/03/21 07:03	11/05/21 17:32	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/03/21 07:03	11/05/21 17:32	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/03/21 07:03	11/05/21 17:32	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/03/21 07:03	11/05/21 17:32	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/03/21 07:03	11/05/21 17:32	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/03/21 07:03	11/05/21 17:32	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/03/21 07:03	11/05/21 17:32	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/03/21 07:03	11/05/21 17:32	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 17:32	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/03/21 07:03	11/05/21 17:32	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/03/21 07:03	11/05/21 17:32	1
Caprolactam	ND		5.0	2.2	ug/L		11/03/21 07:03	11/05/21 17:32	1
Carbazole	ND		5.0	0.30	ug/L		11/03/21 07:03	11/05/21 17:32	1
Chrysene	ND		5.0	0.33	ug/L		11/03/21 07:03	11/05/21 17:32	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/03/21 07:03	11/05/21 17:32	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: LPZ - 01S

Lab Sample ID: 480-191735-3

Date Collected: 11/01/21 11:45

Matrix: Water

Date Received: 11/01/21 16:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/03/21 07:03	11/05/21 17:32	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/03/21 07:03	11/05/21 17:32	1
Dibenzofuran	ND		10	0.51	ug/L		11/03/21 07:03	11/05/21 17:32	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/03/21 07:03	11/05/21 17:32	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/03/21 07:03	11/05/21 17:32	1
Fluoranthene	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 17:32	1
Fluorene	ND		5.0	0.36	ug/L		11/03/21 07:03	11/05/21 17:32	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/03/21 07:03	11/05/21 17:32	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/03/21 07:03	11/05/21 17:32	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/03/21 07:03	11/05/21 17:32	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/03/21 07:03	11/05/21 17:32	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/03/21 07:03	11/05/21 17:32	1
Isophorone	ND		5.0	0.43	ug/L		11/03/21 07:03	11/05/21 17:32	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/03/21 07:03	11/05/21 17:32	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/03/21 07:03	11/05/21 17:32	1
Naphthalene	ND		5.0	0.76	ug/L		11/03/21 07:03	11/05/21 17:32	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/03/21 07:03	11/05/21 17:32	1
Pentachlorophenol	ND		10	2.2	ug/L		11/03/21 07:03	11/05/21 17:32	1
Phenanthrene	ND		5.0	0.44	ug/L		11/03/21 07:03	11/05/21 17:32	1
Phenol	ND		5.0	0.39	ug/L		11/03/21 07:03	11/05/21 17:32	1
Pyrene	ND		5.0	0.34	ug/L		11/03/21 07:03	11/05/21 17:32	1
Benzoic acid	ND		150	100	ug/L		11/03/21 07:03	11/05/21 17:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	105		41 - 120	11/03/21 07:03	11/05/21 17:32	1
2-Fluorobiphenyl	111		48 - 120	11/03/21 07:03	11/05/21 17:32	1
2-Fluorophenol	77		35 - 120	11/03/21 07:03	11/05/21 17:32	1
Nitrobenzene-d5	92		46 - 120	11/03/21 07:03	11/05/21 17:32	1
p-Terphenyl-d14	83		60 - 148	11/03/21 07:03	11/05/21 17:32	1
Phenol-d5	59		22 - 120	11/03/21 07:03	11/05/21 17:32	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/04/21 09:15	11/04/21 17:35	1
4,4'-DDE	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 17:35	1
4,4'-DDT	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 17:35	1
Aldrin	ND		0.050	0.0081	ug/L		11/04/21 09:15	11/04/21 17:35	1
alpha-BHC	ND		0.050	0.0077	ug/L		11/04/21 09:15	11/04/21 17:35	1
cis-Chlordane	ND		0.050	0.015	ug/L		11/04/21 09:15	11/04/21 17:35	1
beta-BHC	ND		0.050	0.025	ug/L		11/04/21 09:15	11/04/21 17:35	1
delta-BHC	ND		0.050	0.010	ug/L		11/04/21 09:15	11/04/21 17:35	1
Dieldrin	ND		0.050	0.0098	ug/L		11/04/21 09:15	11/04/21 17:35	1
Endosulfan I	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 17:35	1
Endosulfan II	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 17:35	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		11/04/21 09:15	11/04/21 17:35	1
Endrin	ND		0.050	0.014	ug/L		11/04/21 09:15	11/04/21 17:35	1
Endrin aldehyde	ND		0.050	0.016	ug/L		11/04/21 09:15	11/04/21 17:35	1
Endrin ketone	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 17:35	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		11/04/21 09:15	11/04/21 17:35	1
trans-Chlordane	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 17:35	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: LPZ - 01S

Lab Sample ID: 480-191735-3

Date Collected: 11/01/21 11:45

Matrix: Water

Date Received: 11/01/21 16:00

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.050	0.0085	ug/L		11/04/21 09:15	11/04/21 17:35	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		11/04/21 09:15	11/04/21 17:35	1
Methoxychlor	ND		0.050	0.014	ug/L		11/04/21 09:15	11/04/21 17:35	1
Toxaphene	ND		0.50	0.12	ug/L		11/04/21 09:15	11/04/21 17:35	1
Mirex	ND		0.050	0.0096	ug/L		11/04/21 09:15	11/04/21 17:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	56		20 - 120	11/04/21 09:15	11/04/21 17:35	1
DCB Decachlorobiphenyl	51		20 - 120	11/04/21 09:15	11/04/21 17:35	1
Tetrachloro-m-xylene	72		44 - 120	11/04/21 09:15	11/04/21 17:35	1
Tetrachloro-m-xylene	69		44 - 120	11/04/21 09:15	11/04/21 17:35	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 20:31	1
PCB-1221	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 20:31	1
PCB-1232	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 20:31	1
PCB-1242	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 20:31	1
PCB-1248	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 20:31	1
PCB-1254	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 20:31	1
PCB-1260	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 20:31	1
PCB-1262	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 20:31	1
PCB-1268	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 20:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	91		39 - 121	11/02/21 14:23	11/03/21 20:31	1
Tetrachloro-m-xylene	87		39 - 121	11/02/21 14:23	11/03/21 20:31	1
DCB Decachlorobiphenyl	84		19 - 120	11/02/21 14:23	11/03/21 20:31	1
DCB Decachlorobiphenyl	50		19 - 120	11/02/21 14:23	11/03/21 20:31	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/04/21 09:20	11/08/21 14:05	1
Antimony	ND		0.020	0.0068	mg/L		11/04/21 09:20	11/08/21 14:05	1
Arsenic	ND		0.015	0.0056	mg/L		11/04/21 09:20	11/08/21 14:05	1
Barium	0.038		0.0020	0.00070	mg/L		11/04/21 09:20	11/08/21 14:05	1
Beryllium	ND		0.0020	0.00030	mg/L		11/04/21 09:20	11/08/21 14:05	1
Cadmium	ND		0.0020	0.00050	mg/L		11/04/21 09:20	11/08/21 14:05	1
Calcium	290		0.50	0.10	mg/L		11/04/21 09:20	11/08/21 14:05	1
Chromium	ND		0.0040	0.0010	mg/L		11/04/21 09:20	11/08/21 14:05	1
Cobalt	0.0030	J	0.0040	0.00063	mg/L		11/04/21 09:20	11/08/21 14:05	1
Copper	ND		0.010	0.0016	mg/L		11/04/21 09:20	11/08/21 14:05	1
Iron	0.94		0.050	0.019	mg/L		11/04/21 09:20	11/08/21 14:05	1
Lead	0.0031	J	0.010	0.0030	mg/L		11/04/21 09:20	11/08/21 14:05	1
Magnesium	66.0		0.20	0.043	mg/L		11/04/21 09:20	11/08/21 14:05	1
Manganese	0.86	B	0.0030	0.00040	mg/L		11/04/21 09:20	11/08/21 14:05	1
Nickel	0.0044	J	0.010	0.0013	mg/L		11/04/21 09:20	11/08/21 14:05	1
Potassium	10.4	B	0.50	0.10	mg/L		11/04/21 09:20	11/08/21 14:05	1
Selenium	ND		0.025	0.0087	mg/L		11/04/21 09:20	11/08/21 14:05	1
Silver	ND		0.0060	0.0017	mg/L		11/04/21 09:20	11/08/21 14:05	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: LPZ - 01S

Lab Sample ID: 480-191735-3

Date Collected: 11/01/21 11:45

Matrix: Water

Date Received: 11/01/21 16:00

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	42.2		1.0	0.32	mg/L		11/04/21 09:20	11/08/21 14:05	1
Thallium	ND		0.020	0.010	mg/L		11/04/21 09:20	11/08/21 14:05	1
Vanadium	ND		0.0050	0.0015	mg/L		11/04/21 09:20	11/08/21 14:05	1
Zinc	0.0039	J B	0.010	0.0015	mg/L		11/04/21 09:20	11/08/21 14:05	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		11/09/21 13:30	11/09/21 16:23	1

Well LPZ-02S

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: LPZ - 02S

Lab Sample ID: 480-191735-6

Date Collected: 11/01/21 15:05

Matrix: Water

Date Received: 11/01/21 16:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			11/05/21 15:54	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			11/05/21 15:54	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			11/05/21 15:54	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			11/05/21 15:54	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			11/05/21 15:54	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			11/05/21 15:54	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			11/05/21 15:54	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			11/05/21 15:54	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			11/05/21 15:54	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			11/05/21 15:54	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			11/05/21 15:54	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			11/05/21 15:54	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			11/05/21 15:54	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			11/05/21 15:54	2
2-Butanone (MEK)	ND		20	2.6	ug/L			11/05/21 15:54	2
2-Hexanone	ND		10	2.5	ug/L			11/05/21 15:54	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			11/05/21 15:54	2
Acetone	ND		20	6.0	ug/L			11/05/21 15:54	2
Benzene	ND		2.0	0.82	ug/L			11/05/21 15:54	2
Bromodichloromethane	ND		2.0	0.78	ug/L			11/05/21 15:54	2
Bromoform	ND		2.0	0.52	ug/L			11/05/21 15:54	2
Bromomethane	ND		2.0	1.4	ug/L			11/05/21 15:54	2
Carbon disulfide	ND		2.0	0.38	ug/L			11/05/21 15:54	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			11/05/21 15:54	2
Chlorobenzene	ND		2.0	1.5	ug/L			11/05/21 15:54	2
Chloroethane	ND		2.0	0.64	ug/L			11/05/21 15:54	2
Chloroform	ND		2.0	0.68	ug/L			11/05/21 15:54	2
Chloromethane	ND		2.0	0.70	ug/L			11/05/21 15:54	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			11/05/21 15:54	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			11/05/21 15:54	2
Cyclohexane	ND		2.0	0.36	ug/L			11/05/21 15:54	2
Dibromochloromethane	ND		2.0	0.64	ug/L			11/05/21 15:54	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			11/05/21 15:54	2
Ethylbenzene	ND		2.0	1.5	ug/L			11/05/21 15:54	2
Isopropylbenzene	ND		2.0	1.6	ug/L			11/05/21 15:54	2
Methyl acetate	ND		5.0	2.6	ug/L			11/05/21 15:54	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			11/05/21 15:54	2
Methylcyclohexane	ND		2.0	0.32	ug/L			11/05/21 15:54	2
Methylene Chloride	ND		2.0	0.88	ug/L			11/05/21 15:54	2
Styrene	ND		2.0	1.5	ug/L			11/05/21 15:54	2
Tetrachloroethene	ND		2.0	0.72	ug/L			11/05/21 15:54	2
Toluene	ND		2.0	1.0	ug/L			11/05/21 15:54	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			11/05/21 15:54	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			11/05/21 15:54	2
Trichloroethene	ND		2.0	0.92	ug/L			11/05/21 15:54	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			11/05/21 15:54	2
Vinyl chloride	ND		2.0	1.8	ug/L			11/05/21 15:54	2
Xylenes, Total	ND		4.0	1.3	ug/L			11/05/21 15:54	2

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: LPZ - 02S

Lab Sample ID: 480-191735-6

Date Collected: 11/01/21 15:05

Matrix: Water

Date Received: 11/01/21 16:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		11/05/21 15:54	2
4-Bromofluorobenzene (Surr)	104		73 - 120		11/05/21 15:54	2
Toluene-d8 (Surr)	99		80 - 120		11/05/21 15:54	2

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/03/21 07:03	11/05/21 18:54	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/03/21 07:03	11/05/21 18:54	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/03/21 07:03	11/05/21 18:54	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/03/21 07:03	11/05/21 18:54	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/03/21 07:03	11/05/21 18:54	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/03/21 07:03	11/05/21 18:54	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/03/21 07:03	11/05/21 18:54	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/03/21 07:03	11/05/21 18:54	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 18:54	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/03/21 07:03	11/05/21 18:54	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/03/21 07:03	11/05/21 18:54	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/03/21 07:03	11/05/21 18:54	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 18:54	1
2-Nitroaniline	ND		10	0.42	ug/L		11/03/21 07:03	11/05/21 18:54	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/03/21 07:03	11/05/21 18:54	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 18:54	1
3-Nitroaniline	ND		10	0.48	ug/L		11/03/21 07:03	11/05/21 18:54	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/03/21 07:03	11/05/21 18:54	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/03/21 07:03	11/05/21 18:54	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/03/21 07:03	11/05/21 18:54	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/03/21 07:03	11/05/21 18:54	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/03/21 07:03	11/05/21 18:54	1
4-Methylphenol	ND		10	0.36	ug/L		11/03/21 07:03	11/05/21 18:54	1
4-Nitroaniline	ND		10	0.25	ug/L		11/03/21 07:03	11/05/21 18:54	1
4-Nitrophenol	ND		10	1.5	ug/L		11/03/21 07:03	11/05/21 18:54	1
Acenaphthene	ND		5.0	0.41	ug/L		11/03/21 07:03	11/05/21 18:54	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/03/21 07:03	11/05/21 18:54	1
Acetophenone	ND		5.0	0.54	ug/L		11/03/21 07:03	11/05/21 18:54	1
Anthracene	ND		5.0	0.28	ug/L		11/03/21 07:03	11/05/21 18:54	1
Atrazine	ND		5.0	0.46	ug/L		11/03/21 07:03	11/05/21 18:54	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/03/21 07:03	11/05/21 18:54	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/03/21 07:03	11/05/21 18:54	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/03/21 07:03	11/05/21 18:54	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/03/21 07:03	11/05/21 18:54	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/03/21 07:03	11/05/21 18:54	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/03/21 07:03	11/05/21 18:54	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/03/21 07:03	11/05/21 18:54	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 18:54	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/03/21 07:03	11/05/21 18:54	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/03/21 07:03	11/05/21 18:54	1
Caprolactam	ND		5.0	2.2	ug/L		11/03/21 07:03	11/05/21 18:54	1
Carbazole	ND		5.0	0.30	ug/L		11/03/21 07:03	11/05/21 18:54	1
Chrysene	ND		5.0	0.33	ug/L		11/03/21 07:03	11/05/21 18:54	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/03/21 07:03	11/05/21 18:54	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: LPZ - 02S

Lab Sample ID: 480-191735-6

Date Collected: 11/01/21 15:05

Matrix: Water

Date Received: 11/01/21 16:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/03/21 07:03	11/05/21 18:54	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/03/21 07:03	11/05/21 18:54	1
Dibenzofuran	ND		10	0.51	ug/L		11/03/21 07:03	11/05/21 18:54	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/03/21 07:03	11/05/21 18:54	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/03/21 07:03	11/05/21 18:54	1
Fluoranthene	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 18:54	1
Fluorene	ND		5.0	0.36	ug/L		11/03/21 07:03	11/05/21 18:54	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/03/21 07:03	11/05/21 18:54	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/03/21 07:03	11/05/21 18:54	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/03/21 07:03	11/05/21 18:54	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/03/21 07:03	11/05/21 18:54	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/03/21 07:03	11/05/21 18:54	1
Isophorone	ND		5.0	0.43	ug/L		11/03/21 07:03	11/05/21 18:54	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/03/21 07:03	11/05/21 18:54	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/03/21 07:03	11/05/21 18:54	1
Naphthalene	ND		5.0	0.76	ug/L		11/03/21 07:03	11/05/21 18:54	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/03/21 07:03	11/05/21 18:54	1
Pentachlorophenol	ND		10	2.2	ug/L		11/03/21 07:03	11/05/21 18:54	1
Phenanthrene	ND		5.0	0.44	ug/L		11/03/21 07:03	11/05/21 18:54	1
Phenol	ND		5.0	0.39	ug/L		11/03/21 07:03	11/05/21 18:54	1
Pyrene	ND		5.0	0.34	ug/L		11/03/21 07:03	11/05/21 18:54	1
Benzoic acid	ND		150	100	ug/L		11/03/21 07:03	11/05/21 18:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	127	S1+	41 - 120	11/03/21 07:03	11/05/21 18:54	1
2-Fluorobiphenyl	117		48 - 120	11/03/21 07:03	11/05/21 18:54	1
2-Fluorophenol	85		35 - 120	11/03/21 07:03	11/05/21 18:54	1
Nitrobenzene-d5	98		46 - 120	11/03/21 07:03	11/05/21 18:54	1
p-Terphenyl-d14	76		60 - 148	11/03/21 07:03	11/05/21 18:54	1
Phenol-d5	63		22 - 120	11/03/21 07:03	11/05/21 18:54	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/04/21 09:15	11/04/21 18:34	1
4,4'-DDE	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 18:34	1
4,4'-DDT	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 18:34	1
Aldrin	ND		0.050	0.0081	ug/L		11/04/21 09:15	11/04/21 18:34	1
alpha-BHC	ND		0.050	0.0077	ug/L		11/04/21 09:15	11/04/21 18:34	1
cis-Chlordane	ND		0.050	0.015	ug/L		11/04/21 09:15	11/04/21 18:34	1
beta-BHC	ND		0.050	0.025	ug/L		11/04/21 09:15	11/04/21 18:34	1
delta-BHC	ND		0.050	0.010	ug/L		11/04/21 09:15	11/04/21 18:34	1
Dieldrin	ND		0.050	0.0098	ug/L		11/04/21 09:15	11/04/21 18:34	1
Endosulfan I	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 18:34	1
Endosulfan II	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 18:34	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		11/04/21 09:15	11/04/21 18:34	1
Endrin	ND		0.050	0.014	ug/L		11/04/21 09:15	11/04/21 18:34	1
Endrin aldehyde	ND		0.050	0.016	ug/L		11/04/21 09:15	11/04/21 18:34	1
Endrin ketone	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 18:34	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		11/04/21 09:15	11/04/21 18:34	1
trans-Chlordane	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 18:34	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: LPZ - 02S

Lab Sample ID: 480-191735-6

Date Collected: 11/01/21 15:05

Matrix: Water

Date Received: 11/01/21 16:00

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.050	0.0085	ug/L		11/04/21 09:15	11/04/21 18:34	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		11/04/21 09:15	11/04/21 18:34	1
Methoxychlor	ND		0.050	0.014	ug/L		11/04/21 09:15	11/04/21 18:34	1
Toxaphene	ND		0.50	0.12	ug/L		11/04/21 09:15	11/04/21 18:34	1
Mirex	0.0098	J	0.050	0.0096	ug/L		11/04/21 09:15	11/04/21 18:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	61		20 - 120	11/04/21 09:15	11/04/21 18:34	1
DCB Decachlorobiphenyl	36		20 - 120	11/04/21 09:15	11/04/21 18:34	1
Tetrachloro-m-xylene	62		44 - 120	11/04/21 09:15	11/04/21 18:34	1
Tetrachloro-m-xylene	86		44 - 120	11/04/21 09:15	11/04/21 18:34	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 21:35	1
PCB-1221	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 21:35	1
PCB-1232	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 21:35	1
PCB-1242	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 21:35	1
PCB-1248	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 21:35	1
PCB-1254	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 21:35	1
PCB-1260	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 21:35	1
PCB-1262	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 21:35	1
PCB-1268	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 21:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	84		39 - 121	11/02/21 14:23	11/03/21 21:35	1
Tetrachloro-m-xylene	85		39 - 121	11/02/21 14:23	11/03/21 21:35	1
DCB Decachlorobiphenyl	65		19 - 120	11/02/21 14:23	11/03/21 21:35	1
DCB Decachlorobiphenyl	37		19 - 120	11/02/21 14:23	11/03/21 21:35	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/04/21 09:20	11/08/21 14:27	1
Antimony	ND		0.020	0.0068	mg/L		11/04/21 09:20	11/08/21 14:27	1
Arsenic	ND		0.015	0.0056	mg/L		11/04/21 09:20	11/08/21 14:27	1
Barium	0.017		0.0020	0.00070	mg/L		11/04/21 09:20	11/08/21 14:27	1
Beryllium	ND		0.0020	0.00030	mg/L		11/04/21 09:20	11/08/21 14:27	1
Cadmium	0.00058	J	0.0020	0.00050	mg/L		11/04/21 09:20	11/08/21 14:27	1
Calcium	639		0.50	0.10	mg/L		11/04/21 09:20	11/08/21 14:27	1
Chromium	ND		0.0040	0.0010	mg/L		11/04/21 09:20	11/08/21 14:27	1
Cobalt	0.012		0.0040	0.00063	mg/L		11/04/21 09:20	11/08/21 14:27	1
Copper	0.0045	J	0.010	0.0016	mg/L		11/04/21 09:20	11/08/21 14:27	1
Iron	21.9		0.050	0.019	mg/L		11/04/21 09:20	11/08/21 14:27	1
Lead	0.0066	J	0.010	0.0030	mg/L		11/04/21 09:20	11/08/21 14:27	1
Magnesium	141		0.20	0.043	mg/L		11/04/21 09:20	11/08/21 14:27	1
Manganese	3.1	B	0.0030	0.00040	mg/L		11/04/21 09:20	11/08/21 14:27	1
Nickel	0.024		0.010	0.0013	mg/L		11/04/21 09:20	11/08/21 14:27	1
Potassium	16.2	B	0.50	0.10	mg/L		11/04/21 09:20	11/08/21 14:27	1
Selenium	ND		0.025	0.0087	mg/L		11/04/21 09:20	11/08/21 14:27	1
Silver	ND		0.0060	0.0017	mg/L		11/04/21 09:20	11/08/21 14:27	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: LPZ - 02S

Lab Sample ID: 480-191735-6

Date Collected: 11/01/21 15:05

Matrix: Water

Date Received: 11/01/21 16:00

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	75.3		1.0	0.32	mg/L		11/04/21 09:20	11/08/21 14:27	1
Thallium	ND		0.020	0.010	mg/L		11/04/21 09:20	11/08/21 14:27	1
Vanadium	ND		0.0050	0.0015	mg/L		11/04/21 09:20	11/08/21 14:27	1
Zinc	0.0078	J B	0.010	0.0015	mg/L		11/04/21 09:20	11/08/21 14:27	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		11/08/21 14:36	11/08/21 19:23	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: LPZ - 02S DUP

Lab Sample ID: 480-191735-7

Date Collected: 11/01/21 15:05

Matrix: Water

Date Received: 11/01/21 16:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			11/05/21 16:17	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			11/05/21 16:17	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			11/05/21 16:17	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			11/05/21 16:17	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			11/05/21 16:17	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			11/05/21 16:17	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			11/05/21 16:17	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			11/05/21 16:17	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			11/05/21 16:17	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			11/05/21 16:17	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			11/05/21 16:17	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			11/05/21 16:17	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			11/05/21 16:17	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			11/05/21 16:17	2
2-Butanone (MEK)	ND		20	2.6	ug/L			11/05/21 16:17	2
2-Hexanone	ND		10	2.5	ug/L			11/05/21 16:17	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			11/05/21 16:17	2
Acetone	ND		20	6.0	ug/L			11/05/21 16:17	2
Benzene	ND		2.0	0.82	ug/L			11/05/21 16:17	2
Bromodichloromethane	ND		2.0	0.78	ug/L			11/05/21 16:17	2
Bromoform	ND		2.0	0.52	ug/L			11/05/21 16:17	2
Bromomethane	ND		2.0	1.4	ug/L			11/05/21 16:17	2
Carbon disulfide	ND		2.0	0.38	ug/L			11/05/21 16:17	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			11/05/21 16:17	2
Chlorobenzene	ND		2.0	1.5	ug/L			11/05/21 16:17	2
Chloroethane	ND		2.0	0.64	ug/L			11/05/21 16:17	2
Chloroform	ND		2.0	0.68	ug/L			11/05/21 16:17	2
Chloromethane	ND		2.0	0.70	ug/L			11/05/21 16:17	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			11/05/21 16:17	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			11/05/21 16:17	2
Cyclohexane	ND		2.0	0.36	ug/L			11/05/21 16:17	2
Dibromochloromethane	ND		2.0	0.64	ug/L			11/05/21 16:17	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			11/05/21 16:17	2
Ethylbenzene	ND		2.0	1.5	ug/L			11/05/21 16:17	2
Isopropylbenzene	ND		2.0	1.6	ug/L			11/05/21 16:17	2
Methyl acetate	ND		5.0	2.6	ug/L			11/05/21 16:17	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			11/05/21 16:17	2
Methylcyclohexane	ND		2.0	0.32	ug/L			11/05/21 16:17	2
Methylene Chloride	ND		2.0	0.88	ug/L			11/05/21 16:17	2
Styrene	ND		2.0	1.5	ug/L			11/05/21 16:17	2
Tetrachloroethene	ND		2.0	0.72	ug/L			11/05/21 16:17	2
Toluene	ND		2.0	1.0	ug/L			11/05/21 16:17	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			11/05/21 16:17	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			11/05/21 16:17	2
Trichloroethene	ND		2.0	0.92	ug/L			11/05/21 16:17	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			11/05/21 16:17	2
Vinyl chloride	ND		2.0	1.8	ug/L			11/05/21 16:17	2
Xylenes, Total	ND		4.0	1.3	ug/L			11/05/21 16:17	2

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: LPZ - 02S DUP

Lab Sample ID: 480-191735-7

Date Collected: 11/01/21 15:05

Matrix: Water

Date Received: 11/01/21 16:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		11/05/21 16:17	2
4-Bromofluorobenzene (Surr)	103		73 - 120		11/05/21 16:17	2
Toluene-d8 (Surr)	99		80 - 120		11/05/21 16:17	2

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/03/21 07:03	11/05/21 19:21	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/03/21 07:03	11/05/21 19:21	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/03/21 07:03	11/05/21 19:21	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/03/21 07:03	11/05/21 19:21	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/03/21 07:03	11/05/21 19:21	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/03/21 07:03	11/05/21 19:21	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/03/21 07:03	11/05/21 19:21	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/03/21 07:03	11/05/21 19:21	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 19:21	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/03/21 07:03	11/05/21 19:21	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/03/21 07:03	11/05/21 19:21	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/03/21 07:03	11/05/21 19:21	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 19:21	1
2-Nitroaniline	ND		10	0.42	ug/L		11/03/21 07:03	11/05/21 19:21	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/03/21 07:03	11/05/21 19:21	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 19:21	1
3-Nitroaniline	ND		10	0.48	ug/L		11/03/21 07:03	11/05/21 19:21	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/03/21 07:03	11/05/21 19:21	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/03/21 07:03	11/05/21 19:21	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/03/21 07:03	11/05/21 19:21	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/03/21 07:03	11/05/21 19:21	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/03/21 07:03	11/05/21 19:21	1
4-Methylphenol	ND		10	0.36	ug/L		11/03/21 07:03	11/05/21 19:21	1
4-Nitroaniline	ND		10	0.25	ug/L		11/03/21 07:03	11/05/21 19:21	1
4-Nitrophenol	ND		10	1.5	ug/L		11/03/21 07:03	11/05/21 19:21	1
Acenaphthene	ND		5.0	0.41	ug/L		11/03/21 07:03	11/05/21 19:21	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/03/21 07:03	11/05/21 19:21	1
Acetophenone	ND		5.0	0.54	ug/L		11/03/21 07:03	11/05/21 19:21	1
Anthracene	ND		5.0	0.28	ug/L		11/03/21 07:03	11/05/21 19:21	1
Atrazine	ND		5.0	0.46	ug/L		11/03/21 07:03	11/05/21 19:21	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/03/21 07:03	11/05/21 19:21	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/03/21 07:03	11/05/21 19:21	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/03/21 07:03	11/05/21 19:21	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/03/21 07:03	11/05/21 19:21	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/03/21 07:03	11/05/21 19:21	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/03/21 07:03	11/05/21 19:21	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/03/21 07:03	11/05/21 19:21	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 19:21	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/03/21 07:03	11/05/21 19:21	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/03/21 07:03	11/05/21 19:21	1
Caprolactam	ND		5.0	2.2	ug/L		11/03/21 07:03	11/05/21 19:21	1
Carbazole	ND		5.0	0.30	ug/L		11/03/21 07:03	11/05/21 19:21	1
Chrysene	ND		5.0	0.33	ug/L		11/03/21 07:03	11/05/21 19:21	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/03/21 07:03	11/05/21 19:21	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: LPZ - 02S DUP

Lab Sample ID: 480-191735-7

Date Collected: 11/01/21 15:05

Matrix: Water

Date Received: 11/01/21 16:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/03/21 07:03	11/05/21 19:21	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/03/21 07:03	11/05/21 19:21	1
Dibenzofuran	ND		10	0.51	ug/L		11/03/21 07:03	11/05/21 19:21	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/03/21 07:03	11/05/21 19:21	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/03/21 07:03	11/05/21 19:21	1
Fluoranthene	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 19:21	1
Fluorene	ND		5.0	0.36	ug/L		11/03/21 07:03	11/05/21 19:21	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/03/21 07:03	11/05/21 19:21	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/03/21 07:03	11/05/21 19:21	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/03/21 07:03	11/05/21 19:21	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/03/21 07:03	11/05/21 19:21	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/03/21 07:03	11/05/21 19:21	1
Isophorone	ND		5.0	0.43	ug/L		11/03/21 07:03	11/05/21 19:21	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/03/21 07:03	11/05/21 19:21	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/03/21 07:03	11/05/21 19:21	1
Naphthalene	ND		5.0	0.76	ug/L		11/03/21 07:03	11/05/21 19:21	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/03/21 07:03	11/05/21 19:21	1
Pentachlorophenol	ND		10	2.2	ug/L		11/03/21 07:03	11/05/21 19:21	1
Phenanthrene	ND		5.0	0.44	ug/L		11/03/21 07:03	11/05/21 19:21	1
Phenol	ND		5.0	0.39	ug/L		11/03/21 07:03	11/05/21 19:21	1
Pyrene	ND		5.0	0.34	ug/L		11/03/21 07:03	11/05/21 19:21	1
Benzoic acid	ND		150	100	ug/L		11/03/21 07:03	11/05/21 19:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	119		41 - 120	11/03/21 07:03	11/05/21 19:21	1
2-Fluorobiphenyl	116		48 - 120	11/03/21 07:03	11/05/21 19:21	1
2-Fluorophenol	80		35 - 120	11/03/21 07:03	11/05/21 19:21	1
Nitrobenzene-d5	93		46 - 120	11/03/21 07:03	11/05/21 19:21	1
p-Terphenyl-d14	80		60 - 148	11/03/21 07:03	11/05/21 19:21	1
Phenol-d5	60		22 - 120	11/03/21 07:03	11/05/21 19:21	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/04/21 09:15	11/04/21 18:53	1
4,4'-DDE	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 18:53	1
4,4'-DDT	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 18:53	1
Aldrin	ND		0.050	0.0081	ug/L		11/04/21 09:15	11/04/21 18:53	1
alpha-BHC	ND		0.050	0.0077	ug/L		11/04/21 09:15	11/04/21 18:53	1
cis-Chlordane	ND		0.050	0.015	ug/L		11/04/21 09:15	11/04/21 18:53	1
beta-BHC	ND		0.050	0.025	ug/L		11/04/21 09:15	11/04/21 18:53	1
delta-BHC	ND		0.050	0.010	ug/L		11/04/21 09:15	11/04/21 18:53	1
Dieldrin	ND		0.050	0.0098	ug/L		11/04/21 09:15	11/04/21 18:53	1
Endosulfan I	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 18:53	1
Endosulfan II	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 18:53	1
Endosulfan sulfate	0.020	J	0.050	0.016	ug/L		11/04/21 09:15	11/04/21 18:53	1
Endrin	ND		0.050	0.014	ug/L		11/04/21 09:15	11/04/21 18:53	1
Endrin aldehyde	ND		0.050	0.016	ug/L		11/04/21 09:15	11/04/21 18:53	1
Endrin ketone	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 18:53	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		11/04/21 09:15	11/04/21 18:53	1
trans-Chlordane	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 18:53	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: LPZ - 02S DUP

Lab Sample ID: 480-191735-7

Date Collected: 11/01/21 15:05

Matrix: Water

Date Received: 11/01/21 16:00

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.050	0.0085	ug/L		11/04/21 09:15	11/04/21 18:53	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		11/04/21 09:15	11/04/21 18:53	1
Methoxychlor	ND		0.050	0.014	ug/L		11/04/21 09:15	11/04/21 18:53	1
Toxaphene	ND		0.50	0.12	ug/L		11/04/21 09:15	11/04/21 18:53	1
Mirex	0.034	J	0.050	0.0096	ug/L		11/04/21 09:15	11/04/21 18:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	68		20 - 120	11/04/21 09:15	11/04/21 18:53	1
DCB Decachlorobiphenyl	55		20 - 120	11/04/21 09:15	11/04/21 18:53	1
Tetrachloro-m-xylene	67		44 - 120	11/04/21 09:15	11/04/21 18:53	1
Tetrachloro-m-xylene	88		44 - 120	11/04/21 09:15	11/04/21 18:53	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 21:47	1
PCB-1221	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 21:47	1
PCB-1232	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 21:47	1
PCB-1242	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 21:47	1
PCB-1248	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 21:47	1
PCB-1254	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 21:47	1
PCB-1260	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 21:47	1
PCB-1262	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 21:47	1
PCB-1268	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 21:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	86		39 - 121	11/02/21 14:23	11/03/21 21:47	1
Tetrachloro-m-xylene	86		39 - 121	11/02/21 14:23	11/03/21 21:47	1
DCB Decachlorobiphenyl	68		19 - 120	11/02/21 14:23	11/03/21 21:47	1
DCB Decachlorobiphenyl	40		19 - 120	11/02/21 14:23	11/03/21 21:47	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/04/21 09:20	11/08/21 14:31	1
Antimony	ND		0.020	0.0068	mg/L		11/04/21 09:20	11/08/21 14:31	1
Arsenic	ND		0.015	0.0056	mg/L		11/04/21 09:20	11/08/21 14:31	1
Barium	0.017		0.0020	0.00070	mg/L		11/04/21 09:20	11/08/21 14:31	1
Beryllium	ND		0.0020	0.00030	mg/L		11/04/21 09:20	11/08/21 14:31	1
Cadmium	0.00061	J	0.0020	0.00050	mg/L		11/04/21 09:20	11/08/21 14:31	1
Calcium	640		0.50	0.10	mg/L		11/04/21 09:20	11/08/21 14:31	1
Chromium	ND		0.0040	0.0010	mg/L		11/04/21 09:20	11/08/21 14:31	1
Cobalt	0.012		0.0040	0.00063	mg/L		11/04/21 09:20	11/08/21 14:31	1
Copper	0.0039	J	0.010	0.0016	mg/L		11/04/21 09:20	11/08/21 14:31	1
Iron	20.1		0.050	0.019	mg/L		11/04/21 09:20	11/08/21 14:31	1
Lead	0.0072	J	0.010	0.0030	mg/L		11/04/21 09:20	11/08/21 14:31	1
Magnesium	145		0.20	0.043	mg/L		11/04/21 09:20	11/08/21 14:31	1
Manganese	3.0	B	0.0030	0.00040	mg/L		11/04/21 09:20	11/08/21 14:31	1
Nickel	0.024		0.010	0.0013	mg/L		11/04/21 09:20	11/08/21 14:31	1
Potassium	16.2	B	0.50	0.10	mg/L		11/04/21 09:20	11/08/21 14:31	1
Selenium	ND		0.025	0.0087	mg/L		11/04/21 09:20	11/08/21 14:31	1
Silver	ND		0.0060	0.0017	mg/L		11/04/21 09:20	11/08/21 14:31	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: LPZ - 02S DUP

Lab Sample ID: 480-191735-7

Date Collected: 11/01/21 15:05

Matrix: Water

Date Received: 11/01/21 16:00

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	76.9		1.0	0.32	mg/L		11/04/21 09:20	11/08/21 14:31	1
Thallium	ND		0.020	0.010	mg/L		11/04/21 09:20	11/08/21 14:31	1
Vanadium	ND		0.0050	0.0015	mg/L		11/04/21 09:20	11/08/21 14:31	1
Zinc	0.0093	J B	0.010	0.0015	mg/L		11/04/21 09:20	11/08/21 14:31	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		11/08/21 14:36	11/08/21 19:24	1

Well LPZ-03S

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191984-1

Client Sample ID: LPZ-03S

Lab Sample ID: 480-191984-2

Date Collected: 11/05/21 11:10

Matrix: Water

Date Received: 11/05/21 11:50

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/09/21 07:54	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/09/21 07:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/09/21 07:54	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/09/21 07:54	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/09/21 07:54	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/09/21 07:54	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/09/21 07:54	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/09/21 07:54	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/09/21 07:54	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/09/21 07:54	1
1,2-Dichloroethane	ND	+	1.0	0.21	ug/L			11/09/21 07:54	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/09/21 07:54	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/09/21 07:54	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/09/21 07:54	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/09/21 07:54	1
2-Hexanone	ND		5.0	1.2	ug/L			11/09/21 07:54	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/09/21 07:54	1
Acetone	ND		10	3.0	ug/L			11/09/21 07:54	1
Benzene	ND		1.0	0.41	ug/L			11/09/21 07:54	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/09/21 07:54	1
Bromoform	ND		1.0	0.26	ug/L			11/09/21 07:54	1
Bromomethane	ND	+	1.0	0.69	ug/L			11/09/21 07:54	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/09/21 07:54	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/09/21 07:54	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/09/21 07:54	1
Chloroethane	ND	+	1.0	0.32	ug/L			11/09/21 07:54	1
Chloroform	ND		1.0	0.34	ug/L			11/09/21 07:54	1
Chloromethane	ND		1.0	0.35	ug/L			11/09/21 07:54	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/09/21 07:54	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/09/21 07:54	1
Cyclohexane	ND		1.0	0.18	ug/L			11/09/21 07:54	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/09/21 07:54	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/09/21 07:54	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/09/21 07:54	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/09/21 07:54	1
Methyl acetate	ND		2.5	1.3	ug/L			11/09/21 07:54	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/09/21 07:54	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/09/21 07:54	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/09/21 07:54	1
Styrene	ND		1.0	0.73	ug/L			11/09/21 07:54	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/09/21 07:54	1
Toluene	ND		1.0	0.51	ug/L			11/09/21 07:54	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/09/21 07:54	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/09/21 07:54	1
Trichloroethene	ND		1.0	0.46	ug/L			11/09/21 07:54	1
Trichlorofluoromethane	ND	+	1.0	0.88	ug/L			11/09/21 07:54	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/09/21 07:54	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/09/21 07:54	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191984-1

Client Sample ID: LPZ-03S

Lab Sample ID: 480-191984-2

Date Collected: 11/05/21 11:10

Matrix: Water

Date Received: 11/05/21 11:50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	178	S1+	77 - 120		11/09/21 07:54	1
4-Bromofluorobenzene (Surr)	179	S1+	73 - 120		11/09/21 07:54	1
Toluene-d8 (Surr)	151	S1+	80 - 120		11/09/21 07:54	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/08/21 14:41	11/13/21 08:42	1
bis (2-chloroisopropyl) ether	ND	*1	5.0	0.52	ug/L		11/08/21 14:41	11/13/21 08:42	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/08/21 14:41	11/13/21 08:42	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/08/21 14:41	11/13/21 08:42	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/08/21 14:41	11/13/21 08:42	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/08/21 14:41	11/13/21 08:42	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/08/21 14:41	11/13/21 08:42	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/08/21 14:41	11/13/21 08:42	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/08/21 14:41	11/13/21 08:42	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/08/21 14:41	11/13/21 08:42	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/08/21 14:41	11/13/21 08:42	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/08/21 14:41	11/13/21 08:42	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/08/21 14:41	11/13/21 08:42	1
2-Nitroaniline	ND		10	0.42	ug/L		11/08/21 14:41	11/13/21 08:42	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/08/21 14:41	11/13/21 08:42	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/08/21 14:41	11/13/21 08:42	1
3-Nitroaniline	ND		10	0.48	ug/L		11/08/21 14:41	11/13/21 08:42	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/08/21 14:41	11/13/21 08:42	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/08/21 14:41	11/13/21 08:42	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/08/21 14:41	11/13/21 08:42	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/08/21 14:41	11/13/21 08:42	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/08/21 14:41	11/13/21 08:42	1
4-Methylphenol	ND		10	0.36	ug/L		11/08/21 14:41	11/13/21 08:42	1
4-Nitroaniline	ND		10	0.25	ug/L		11/08/21 14:41	11/13/21 08:42	1
4-Nitrophenol	ND		10	1.5	ug/L		11/08/21 14:41	11/13/21 08:42	1
Acenaphthene	ND		5.0	0.41	ug/L		11/08/21 14:41	11/13/21 08:42	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/08/21 14:41	11/13/21 08:42	1
Acetophenone	ND		5.0	0.54	ug/L		11/08/21 14:41	11/13/21 08:42	1
Anthracene	ND		5.0	0.28	ug/L		11/08/21 14:41	11/13/21 08:42	1
Atrazine	ND		5.0	0.46	ug/L		11/08/21 14:41	11/13/21 08:42	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/08/21 14:41	11/13/21 08:42	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/08/21 14:41	11/13/21 08:42	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/08/21 14:41	11/13/21 08:42	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/08/21 14:41	11/13/21 08:42	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/08/21 14:41	11/13/21 08:42	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/08/21 14:41	11/13/21 08:42	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/08/21 14:41	11/13/21 08:42	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/08/21 14:41	11/13/21 08:42	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/08/21 14:41	11/13/21 08:42	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/08/21 14:41	11/13/21 08:42	1
Caprolactam	ND		5.0	2.2	ug/L		11/08/21 14:41	11/13/21 08:42	1
Carbazole	ND		5.0	0.30	ug/L		11/08/21 14:41	11/13/21 08:42	1
Chrysene	ND		5.0	0.33	ug/L		11/08/21 14:41	11/13/21 08:42	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/08/21 14:41	11/13/21 08:42	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191984-1

Client Sample ID: LPZ-03S

Lab Sample ID: 480-191984-2

Date Collected: 11/05/21 11:10

Matrix: Water

Date Received: 11/05/21 11:50

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/08/21 14:41	11/13/21 08:42	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/08/21 14:41	11/13/21 08:42	1
Dibenzofuran	ND		10	0.51	ug/L		11/08/21 14:41	11/13/21 08:42	1
Diethyl phthalate	0.38	J	5.0	0.22	ug/L		11/08/21 14:41	11/13/21 08:42	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/08/21 14:41	11/13/21 08:42	1
Fluoranthene	ND		5.0	0.40	ug/L		11/08/21 14:41	11/13/21 08:42	1
Fluorene	ND		5.0	0.36	ug/L		11/08/21 14:41	11/13/21 08:42	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/08/21 14:41	11/13/21 08:42	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/08/21 14:41	11/13/21 08:42	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/08/21 14:41	11/13/21 08:42	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/08/21 14:41	11/13/21 08:42	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/08/21 14:41	11/13/21 08:42	1
Isophorone	ND		5.0	0.43	ug/L		11/08/21 14:41	11/13/21 08:42	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/08/21 14:41	11/13/21 08:42	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/08/21 14:41	11/13/21 08:42	1
Naphthalene	ND		5.0	0.76	ug/L		11/08/21 14:41	11/13/21 08:42	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/08/21 14:41	11/13/21 08:42	1
Pentachlorophenol	ND		10	2.2	ug/L		11/08/21 14:41	11/13/21 08:42	1
Phenanthrene	ND		5.0	0.44	ug/L		11/08/21 14:41	11/13/21 08:42	1
Phenol	ND		5.0	0.39	ug/L		11/08/21 14:41	11/13/21 08:42	1
Pyrene	ND		5.0	0.34	ug/L		11/08/21 14:41	11/13/21 08:42	1
Benzoic acid	ND		150	100	ug/L		11/08/21 14:41	11/13/21 08:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	95		41 - 120	11/08/21 14:41	11/13/21 08:42	1
2-Fluorobiphenyl	98		48 - 120	11/08/21 14:41	11/13/21 08:42	1
2-Fluorophenol	65		35 - 120	11/08/21 14:41	11/13/21 08:42	1
Nitrobenzene-d5	80		46 - 120	11/08/21 14:41	11/13/21 08:42	1
p-Terphenyl-d14	83		60 - 148	11/08/21 14:41	11/13/21 08:42	1
Phenol-d5	50		22 - 120	11/08/21 14:41	11/13/21 08:42	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/08/21 15:15	11/09/21 14:37	1
4,4'-DDE	ND		0.050	0.012	ug/L		11/08/21 15:15	11/09/21 14:37	1
4,4'-DDT	ND		0.050	0.011	ug/L		11/08/21 15:15	11/09/21 14:37	1
Aldrin	ND		0.050	0.0081	ug/L		11/08/21 15:15	11/09/21 14:37	1
alpha-BHC	ND		0.050	0.0077	ug/L		11/08/21 15:15	11/09/21 14:37	1
cis-Chlordane	ND		0.050	0.015	ug/L		11/08/21 15:15	11/09/21 14:37	1
beta-BHC	ND		0.050	0.025	ug/L		11/08/21 15:15	11/09/21 14:37	1
delta-BHC	ND		0.050	0.010	ug/L		11/08/21 15:15	11/09/21 14:37	1
Dieldrin	ND		0.050	0.0098	ug/L		11/08/21 15:15	11/09/21 14:37	1
Endosulfan I	ND		0.050	0.011	ug/L		11/08/21 15:15	11/09/21 14:37	1
Endosulfan II	ND		0.050	0.012	ug/L		11/08/21 15:15	11/09/21 14:37	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		11/08/21 15:15	11/09/21 14:37	1
Endrin	ND		0.050	0.014	ug/L		11/08/21 15:15	11/09/21 14:37	1
Endrin aldehyde	ND		0.050	0.016	ug/L		11/08/21 15:15	11/09/21 14:37	1
Endrin ketone	ND		0.050	0.012	ug/L		11/08/21 15:15	11/09/21 14:37	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		11/08/21 15:15	11/09/21 14:37	1
trans-Chlordane	ND		0.050	0.011	ug/L		11/08/21 15:15	11/09/21 14:37	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191984-1

Client Sample ID: LPZ-03S

Lab Sample ID: 480-191984-2

Date Collected: 11/05/21 11:10

Matrix: Water

Date Received: 11/05/21 11:50

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.050	0.0085	ug/L		11/08/21 15:15	11/09/21 14:37	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		11/08/21 15:15	11/09/21 14:37	1
Methoxychlor	ND		0.050	0.014	ug/L		11/08/21 15:15	11/09/21 14:37	1
Toxaphene	ND		0.50	0.12	ug/L		11/08/21 15:15	11/09/21 14:37	1
Mirex	ND		0.050	0.0096	ug/L		11/08/21 15:15	11/09/21 14:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	110		20 - 120	11/08/21 15:15	11/09/21 14:37	1
DCB Decachlorobiphenyl	102		20 - 120	11/08/21 15:15	11/09/21 14:37	1
Tetrachloro-m-xylene	82		44 - 120	11/08/21 15:15	11/09/21 14:37	1
Tetrachloro-m-xylene	89		44 - 120	11/08/21 15:15	11/09/21 14:37	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/10/21 14:19	11/11/21 23:47	1
PCB-1221	ND		0.50	0.18	ug/L		11/10/21 14:19	11/11/21 23:47	1
PCB-1232	ND		0.50	0.18	ug/L		11/10/21 14:19	11/11/21 23:47	1
PCB-1242	ND		0.50	0.18	ug/L		11/10/21 14:19	11/11/21 23:47	1
PCB-1248	ND		0.50	0.18	ug/L		11/10/21 14:19	11/11/21 23:47	1
PCB-1254	ND		0.50	0.25	ug/L		11/10/21 14:19	11/11/21 23:47	1
PCB-1260	ND		0.50	0.25	ug/L		11/10/21 14:19	11/11/21 23:47	1
PCB-1262	ND		0.50	0.25	ug/L		11/10/21 14:19	11/11/21 23:47	1
PCB-1268	ND		0.50	0.25	ug/L		11/10/21 14:19	11/11/21 23:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	65		39 - 121	11/10/21 14:19	11/11/21 23:47	1
Tetrachloro-m-xylene	74		39 - 121	11/10/21 14:19	11/11/21 23:47	1
DCB Decachlorobiphenyl	48		19 - 120	11/10/21 14:19	11/11/21 23:47	1
DCB Decachlorobiphenyl	50		19 - 120	11/10/21 14:19	11/11/21 23:47	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.16	J	0.20	0.060	mg/L		11/09/21 09:26	11/10/21 21:44	1
Antimony	ND		0.020	0.0068	mg/L		11/09/21 09:26	11/10/21 21:44	1
Arsenic	0.0072	J	0.015	0.0056	mg/L		11/09/21 09:26	11/10/21 21:44	1
Barium	0.11		0.0020	0.00070	mg/L		11/09/21 09:26	11/10/21 21:44	1
Beryllium	ND		0.0020	0.00030	mg/L		11/09/21 09:26	11/10/21 21:44	1
Cadmium	ND		0.0020	0.00050	mg/L		11/09/21 09:26	11/10/21 21:44	1
Calcium	200		0.50	0.10	mg/L		11/09/21 09:26	11/10/21 21:44	1
Chromium	ND		0.0040	0.0010	mg/L		11/09/21 09:26	11/10/21 21:44	1
Cobalt	0.00073	J	0.0040	0.00063	mg/L		11/09/21 09:26	11/10/21 21:44	1
Copper	ND		0.010	0.0016	mg/L		11/09/21 09:26	11/10/21 21:44	1
Iron	2.8		0.050	0.019	mg/L		11/09/21 09:26	11/10/21 21:44	1
Lead	ND		0.010	0.0030	mg/L		11/09/21 09:26	11/10/21 21:44	1
Magnesium	22.9		0.20	0.043	mg/L		11/09/21 09:26	11/10/21 21:44	1
Manganese	0.22		0.0030	0.00040	mg/L		11/09/21 09:26	11/10/21 21:44	1
Nickel	ND		0.010	0.0013	mg/L		11/09/21 09:26	11/10/21 21:44	1
Potassium	2.7		0.50	0.10	mg/L		11/09/21 09:26	11/10/21 21:44	1
Selenium	ND		0.025	0.0087	mg/L		11/09/21 09:26	11/10/21 21:44	1
Silver	ND		0.0060	0.0017	mg/L		11/09/21 09:26	11/10/21 21:44	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191984-1

Client Sample ID: LPZ-03S

Lab Sample ID: 480-191984-2

Date Collected: 11/05/21 11:10

Matrix: Water

Date Received: 11/05/21 11:50

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	16.0		1.0	0.32	mg/L		11/09/21 09:26	11/10/21 21:44	1
Thallium	ND		0.020	0.010	mg/L		11/09/21 09:26	11/10/21 21:44	1
Vanadium	ND		0.0050	0.0015	mg/L		11/09/21 09:26	11/10/21 21:44	1
Zinc	ND		0.010	0.0015	mg/L		11/09/21 09:26	11/10/21 21:44	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000050	J	0.00020	0.000043	mg/L		11/09/21 13:30	11/09/21 18:26	1

Well LPZ-04S

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191670-1

Client Sample ID: LPZ-04S

Lab Sample ID: 480-191670-3

Date Collected: 10/29/21 15:10

Matrix: Water

Date Received: 10/29/21 16:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			11/05/21 10:20	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			11/05/21 10:20	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			11/05/21 10:20	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			11/05/21 10:20	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			11/05/21 10:20	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			11/05/21 10:20	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			11/05/21 10:20	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			11/05/21 10:20	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			11/05/21 10:20	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			11/05/21 10:20	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			11/05/21 10:20	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			11/05/21 10:20	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			11/05/21 10:20	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			11/05/21 10:20	2
2-Butanone (MEK)	ND		20	2.6	ug/L			11/05/21 10:20	2
2-Hexanone	ND		10	2.5	ug/L			11/05/21 10:20	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			11/05/21 10:20	2
Acetone	ND		20	6.0	ug/L			11/05/21 10:20	2
Benzene	ND		2.0	0.82	ug/L			11/05/21 10:20	2
Bromodichloromethane	ND		2.0	0.78	ug/L			11/05/21 10:20	2
Bromoform	ND		2.0	0.52	ug/L			11/05/21 10:20	2
Bromomethane	ND		2.0	1.4	ug/L			11/05/21 10:20	2
Carbon disulfide	ND		2.0	0.38	ug/L			11/05/21 10:20	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			11/05/21 10:20	2
Chlorobenzene	ND		2.0	1.5	ug/L			11/05/21 10:20	2
Chloroethane	ND		2.0	0.64	ug/L			11/05/21 10:20	2
Chloroform	ND		2.0	0.68	ug/L			11/05/21 10:20	2
Chloromethane	ND		2.0	0.70	ug/L			11/05/21 10:20	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			11/05/21 10:20	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			11/05/21 10:20	2
Cyclohexane	ND		2.0	0.36	ug/L			11/05/21 10:20	2
Dibromochloromethane	ND		2.0	0.64	ug/L			11/05/21 10:20	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			11/05/21 10:20	2
Ethylbenzene	ND		2.0	1.5	ug/L			11/05/21 10:20	2
Isopropylbenzene	ND		2.0	1.6	ug/L			11/05/21 10:20	2
Methyl acetate	ND		5.0	2.6	ug/L			11/05/21 10:20	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			11/05/21 10:20	2
Methylcyclohexane	ND		2.0	0.32	ug/L			11/05/21 10:20	2
Methylene Chloride	ND		2.0	0.88	ug/L			11/05/21 10:20	2
Styrene	ND		2.0	1.5	ug/L			11/05/21 10:20	2
Tetrachloroethene	ND		2.0	0.72	ug/L			11/05/21 10:20	2
Toluene	ND		2.0	1.0	ug/L			11/05/21 10:20	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			11/05/21 10:20	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			11/05/21 10:20	2
Trichloroethene	ND		2.0	0.92	ug/L			11/05/21 10:20	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			11/05/21 10:20	2
Vinyl chloride	ND		2.0	1.8	ug/L			11/05/21 10:20	2
Xylenes, Total	ND		4.0	1.3	ug/L			11/05/21 10:20	2

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191670-1

Client Sample ID: LPZ-04S

Lab Sample ID: 480-191670-3

Date Collected: 10/29/21 15:10

Matrix: Water

Date Received: 10/29/21 16:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		11/05/21 10:20	2
4-Bromofluorobenzene (Surr)	98		73 - 120		11/05/21 10:20	2
Toluene-d8 (Surr)	98		80 - 120		11/05/21 10:20	2

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/02/21 07:11	11/04/21 17:44	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/02/21 07:11	11/04/21 17:44	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/02/21 07:11	11/04/21 17:44	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/02/21 07:11	11/04/21 17:44	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/02/21 07:11	11/04/21 17:44	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/02/21 07:11	11/04/21 17:44	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/02/21 07:11	11/04/21 17:44	1
2,4-Dinitrotoluene	ND	+	5.0	0.45	ug/L		11/02/21 07:11	11/04/21 17:44	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/02/21 07:11	11/04/21 17:44	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/02/21 07:11	11/04/21 17:44	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/02/21 07:11	11/04/21 17:44	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/02/21 07:11	11/04/21 17:44	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/02/21 07:11	11/04/21 17:44	1
2-Nitroaniline	ND		10	0.42	ug/L		11/02/21 07:11	11/04/21 17:44	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/02/21 07:11	11/04/21 17:44	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/02/21 07:11	11/04/21 17:44	1
3-Nitroaniline	ND		10	0.48	ug/L		11/02/21 07:11	11/04/21 17:44	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/02/21 07:11	11/04/21 17:44	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/02/21 07:11	11/04/21 17:44	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/02/21 07:11	11/04/21 17:44	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/02/21 07:11	11/04/21 17:44	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/02/21 07:11	11/04/21 17:44	1
4-Methylphenol	ND		10	0.36	ug/L		11/02/21 07:11	11/04/21 17:44	1
4-Nitroaniline	ND	+	10	0.25	ug/L		11/02/21 07:11	11/04/21 17:44	1
4-Nitrophenol	ND		10	1.5	ug/L		11/02/21 07:11	11/04/21 17:44	1
Acenaphthene	ND		5.0	0.41	ug/L		11/02/21 07:11	11/04/21 17:44	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/02/21 07:11	11/04/21 17:44	1
Acetophenone	ND		5.0	0.54	ug/L		11/02/21 07:11	11/04/21 17:44	1
Anthracene	ND		5.0	0.28	ug/L		11/02/21 07:11	11/04/21 17:44	1
Atrazine	ND	+	5.0	0.46	ug/L		11/02/21 07:11	11/04/21 17:44	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/02/21 07:11	11/04/21 17:44	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/02/21 07:11	11/04/21 17:44	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/02/21 07:11	11/04/21 17:44	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/02/21 07:11	11/04/21 17:44	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/02/21 07:11	11/04/21 17:44	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/02/21 07:11	11/04/21 17:44	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/02/21 07:11	11/04/21 17:44	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/02/21 07:11	11/04/21 17:44	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/02/21 07:11	11/04/21 17:44	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/02/21 07:11	11/04/21 17:44	1
Caprolactam	ND		5.0	2.2	ug/L		11/02/21 07:11	11/04/21 17:44	1
Carbazole	ND		5.0	0.30	ug/L		11/02/21 07:11	11/04/21 17:44	1
Chrysene	ND		5.0	0.33	ug/L		11/02/21 07:11	11/04/21 17:44	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/02/21 07:11	11/04/21 17:44	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191670-1

Client Sample ID: LPZ-04S

Lab Sample ID: 480-191670-3

Date Collected: 10/29/21 15:10

Matrix: Water

Date Received: 10/29/21 16:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/02/21 07:11	11/04/21 17:44	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/02/21 07:11	11/04/21 17:44	1
Dibenzofuran	ND		10	0.51	ug/L		11/02/21 07:11	11/04/21 17:44	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/02/21 07:11	11/04/21 17:44	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/02/21 07:11	11/04/21 17:44	1
Fluoranthene	ND		5.0	0.40	ug/L		11/02/21 07:11	11/04/21 17:44	1
Fluorene	ND		5.0	0.36	ug/L		11/02/21 07:11	11/04/21 17:44	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/02/21 07:11	11/04/21 17:44	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/02/21 07:11	11/04/21 17:44	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/02/21 07:11	11/04/21 17:44	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/02/21 07:11	11/04/21 17:44	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/02/21 07:11	11/04/21 17:44	1
Isophorone	ND		5.0	0.43	ug/L		11/02/21 07:11	11/04/21 17:44	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/02/21 07:11	11/04/21 17:44	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/02/21 07:11	11/04/21 17:44	1
Naphthalene	ND		5.0	0.76	ug/L		11/02/21 07:11	11/04/21 17:44	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/02/21 07:11	11/04/21 17:44	1
Pentachlorophenol	ND		10	2.2	ug/L		11/02/21 07:11	11/04/21 17:44	1
Phenanthrene	ND	*1	5.0	0.44	ug/L		11/02/21 07:11	11/04/21 17:44	1
Phenol	ND		5.0	0.39	ug/L		11/02/21 07:11	11/04/21 17:44	1
Pyrene	ND		5.0	0.34	ug/L		11/02/21 07:11	11/04/21 17:44	1
Benzoic acid	ND		150	100	ug/L		11/02/21 07:11	11/04/21 17:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	105		41 - 120	11/02/21 07:11	11/04/21 17:44	1
2-Fluorobiphenyl	121	S1+	48 - 120	11/02/21 07:11	11/04/21 17:44	1
2-Fluorophenol	86		35 - 120	11/02/21 07:11	11/04/21 17:44	1
Nitrobenzene-d5	101		46 - 120	11/02/21 07:11	11/04/21 17:44	1
p-Terphenyl-d14	89		60 - 148	11/02/21 07:11	11/04/21 17:44	1
Phenol-d5	64		22 - 120	11/02/21 07:11	11/04/21 17:44	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/02/21 07:02	11/02/21 23:00	1
4,4'-DDE	ND	*+	0.050	0.012	ug/L		11/02/21 07:02	11/02/21 23:00	1
4,4'-DDT	ND		0.050	0.011	ug/L		11/02/21 07:02	11/02/21 23:00	1
Aldrin	ND		0.050	0.0081	ug/L		11/02/21 07:02	11/02/21 23:00	1
alpha-BHC	ND		0.050	0.0077	ug/L		11/02/21 07:02	11/02/21 23:00	1
cis-Chlordane	ND	*+	0.050	0.015	ug/L		11/02/21 07:02	11/02/21 23:00	1
beta-BHC	ND	*+	0.050	0.025	ug/L		11/02/21 07:02	11/02/21 23:00	1
delta-BHC	ND		0.050	0.010	ug/L		11/02/21 07:02	11/02/21 23:00	1
Dieldrin	ND	*+	0.050	0.0098	ug/L		11/02/21 07:02	11/02/21 23:00	1
Endosulfan I	ND	*+	0.050	0.011	ug/L		11/02/21 07:02	11/02/21 23:00	1
Endosulfan II	ND		0.050	0.012	ug/L		11/02/21 07:02	11/02/21 23:00	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		11/02/21 07:02	11/02/21 23:00	1
Endrin	ND		0.050	0.014	ug/L		11/02/21 07:02	11/02/21 23:00	1
Endrin aldehyde	ND		0.050	0.016	ug/L		11/02/21 07:02	11/02/21 23:00	1
Endrin ketone	ND		0.050	0.012	ug/L		11/02/21 07:02	11/02/21 23:00	1
gamma-BHC (Lindane)	ND	*+	0.050	0.0080	ug/L		11/02/21 07:02	11/02/21 23:00	1
trans-Chlordane	ND		0.050	0.011	ug/L		11/02/21 07:02	11/02/21 23:00	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191670-1

Client Sample ID: LPZ-04S

Lab Sample ID: 480-191670-3

Date Collected: 10/29/21 15:10

Matrix: Water

Date Received: 10/29/21 16:00

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.050	0.0085	ug/L		11/02/21 07:02	11/02/21 23:00	1
Heptachlor epoxide	ND	+	0.050	0.0074	ug/L		11/02/21 07:02	11/02/21 23:00	1
Methoxychlor	ND	+	0.050	0.014	ug/L		11/02/21 07:02	11/02/21 23:00	1
Toxaphene	ND		0.50	0.12	ug/L		11/02/21 07:02	11/02/21 23:00	1
Mirex	ND		0.050	0.0096	ug/L		11/02/21 07:02	11/02/21 23:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	102		20 - 120	11/02/21 07:02	11/02/21 23:00	1
DCB Decachlorobiphenyl	97		20 - 120	11/02/21 07:02	11/02/21 23:00	1
Tetrachloro-m-xylene	113		44 - 120	11/02/21 07:02	11/02/21 23:00	1
Tetrachloro-m-xylene	109		44 - 120	11/02/21 07:02	11/02/21 23:00	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 19:27	1
PCB-1221	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 19:27	1
PCB-1232	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 19:27	1
PCB-1242	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 19:27	1
PCB-1248	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 19:27	1
PCB-1254	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 19:27	1
PCB-1260	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 19:27	1
PCB-1262	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 19:27	1
PCB-1268	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 19:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	81		39 - 121	11/02/21 14:23	11/03/21 19:27	1
Tetrachloro-m-xylene	87		39 - 121	11/02/21 14:23	11/03/21 19:27	1
DCB Decachlorobiphenyl	81		19 - 120	11/02/21 14:23	11/03/21 19:27	1
DCB Decachlorobiphenyl	49		19 - 120	11/02/21 14:23	11/03/21 19:27	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.10	J B	0.20	0.060	mg/L		11/02/21 08:12	11/04/21 03:39	1
Antimony	ND		0.020	0.0068	mg/L		11/02/21 08:12	11/04/21 03:39	1
Arsenic	0.0099	J	0.015	0.0056	mg/L		11/02/21 08:12	11/04/21 03:39	1
Barium	0.045		0.0020	0.00070	mg/L		11/02/21 08:12	11/04/21 03:39	1
Beryllium	ND		0.0020	0.00030	mg/L		11/02/21 08:12	11/04/21 03:39	1
Cadmium	ND		0.0020	0.00050	mg/L		11/02/21 08:12	11/04/21 03:39	1
Calcium	123		0.50	0.10	mg/L		11/02/21 08:12	11/04/21 03:39	1
Chromium	ND		0.0040	0.0010	mg/L		11/02/21 08:12	11/04/21 03:39	1
Cobalt	0.0025	J	0.0040	0.00063	mg/L		11/02/21 08:12	11/04/21 03:39	1
Copper	ND		0.010	0.0016	mg/L		11/02/21 08:12	11/04/21 03:39	1
Iron	2.0		0.050	0.019	mg/L		11/02/21 08:12	11/04/21 03:39	1
Lead	ND		0.010	0.0030	mg/L		11/02/21 08:12	11/04/21 03:39	1
Magnesium	132		0.20	0.043	mg/L		11/02/21 08:12	11/04/21 03:39	1
Manganese	1.2		0.0030	0.00040	mg/L		11/02/21 08:12	11/04/21 03:39	1
Nickel	0.0063	J	0.010	0.0013	mg/L		11/02/21 08:12	11/04/21 03:39	1
Potassium	26.8		0.50	0.10	mg/L		11/02/21 08:12	11/04/21 03:39	1
Selenium	ND		0.025	0.0087	mg/L		11/02/21 08:12	11/04/21 03:39	1
Silver	ND		0.0060	0.0017	mg/L		11/02/21 08:12	11/04/21 03:39	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191670-1

Client Sample ID: LPZ-04S

Lab Sample ID: 480-191670-3

Date Collected: 10/29/21 15:10

Matrix: Water

Date Received: 10/29/21 16:00

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	323		1.0	0.32	mg/L		11/02/21 08:12	11/04/21 03:39	1
Thallium	ND		0.020	0.010	mg/L		11/02/21 08:12	11/04/21 03:39	1
Vanadium	ND		0.0050	0.0015	mg/L		11/02/21 08:12	11/04/21 03:39	1
Zinc	0.0036	J B	0.010	0.0015	mg/L		11/08/21 09:04	11/09/21 01:07	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		11/05/21 13:53	11/05/21 17:32	1

Well LPZ-05S

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191790-1

Client Sample ID: LPZ-05S

Lab Sample ID: 480-191790-3

Date Collected: 11/02/21 11:55

Matrix: Water

Date Received: 11/02/21 15:10

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/05/21 13:21	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/05/21 13:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/05/21 13:21	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/05/21 13:21	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/05/21 13:21	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/05/21 13:21	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/05/21 13:21	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/05/21 13:21	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/05/21 13:21	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/05/21 13:21	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/05/21 13:21	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/05/21 13:21	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/05/21 13:21	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/05/21 13:21	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/05/21 13:21	1
2-Hexanone	ND		5.0	1.2	ug/L			11/05/21 13:21	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/05/21 13:21	1
Acetone	ND		10	3.0	ug/L			11/05/21 13:21	1
Benzene	ND		1.0	0.41	ug/L			11/05/21 13:21	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/05/21 13:21	1
Bromoform	ND		1.0	0.26	ug/L			11/05/21 13:21	1
Bromomethane	ND		1.0	0.69	ug/L			11/05/21 13:21	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/05/21 13:21	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/05/21 13:21	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/05/21 13:21	1
Chloroethane	ND		1.0	0.32	ug/L			11/05/21 13:21	1
Chloroform	ND		1.0	0.34	ug/L			11/05/21 13:21	1
Chloromethane	ND		1.0	0.35	ug/L			11/05/21 13:21	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/05/21 13:21	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/05/21 13:21	1
Cyclohexane	ND		1.0	0.18	ug/L			11/05/21 13:21	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/05/21 13:21	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/05/21 13:21	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/05/21 13:21	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/05/21 13:21	1
Methyl acetate	ND		2.5	1.3	ug/L			11/05/21 13:21	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/05/21 13:21	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/05/21 13:21	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/05/21 13:21	1
Styrene	ND		1.0	0.73	ug/L			11/05/21 13:21	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/05/21 13:21	1
Toluene	ND		1.0	0.51	ug/L			11/05/21 13:21	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/05/21 13:21	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/05/21 13:21	1
Trichloroethene	ND		1.0	0.46	ug/L			11/05/21 13:21	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/05/21 13:21	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/05/21 13:21	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/05/21 13:21	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191790-1

Client Sample ID: LPZ-05S

Lab Sample ID: 480-191790-3

Date Collected: 11/02/21 11:55

Matrix: Water

Date Received: 11/02/21 15:10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		77 - 120		11/05/21 13:21	1
4-Bromofluorobenzene (Surr)	106		73 - 120		11/05/21 13:21	1
Toluene-d8 (Surr)	103		80 - 120		11/05/21 13:21	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/04/21 14:59	11/05/21 15:59	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/04/21 14:59	11/05/21 15:59	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/04/21 14:59	11/05/21 15:59	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/04/21 14:59	11/05/21 15:59	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 15:59	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/04/21 14:59	11/05/21 15:59	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 15:59	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 15:59	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 15:59	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/04/21 14:59	11/05/21 15:59	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/04/21 14:59	11/05/21 15:59	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/04/21 14:59	11/05/21 15:59	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 15:59	1
2-Nitroaniline	ND		10	0.42	ug/L		11/04/21 14:59	11/05/21 15:59	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/04/21 14:59	11/05/21 15:59	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 15:59	1
3-Nitroaniline	ND		10	0.48	ug/L		11/04/21 14:59	11/05/21 15:59	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 15:59	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 15:59	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 15:59	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 15:59	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 15:59	1
4-Methylphenol	ND		10	0.36	ug/L		11/04/21 14:59	11/05/21 15:59	1
4-Nitroaniline	ND		10	0.25	ug/L		11/04/21 14:59	11/05/21 15:59	1
4-Nitrophenol	ND		10	1.5	ug/L		11/04/21 14:59	11/05/21 15:59	1
Acenaphthene	ND		5.0	0.41	ug/L		11/04/21 14:59	11/05/21 15:59	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/04/21 14:59	11/05/21 15:59	1
Acetophenone	ND		5.0	0.54	ug/L		11/04/21 14:59	11/05/21 15:59	1
Anthracene	ND		5.0	0.28	ug/L		11/04/21 14:59	11/05/21 15:59	1
Atrazine	ND		5.0	0.46	ug/L		11/04/21 14:59	11/05/21 15:59	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/04/21 14:59	11/05/21 15:59	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 15:59	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 15:59	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/04/21 14:59	11/05/21 15:59	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 15:59	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/04/21 14:59	11/05/21 15:59	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 15:59	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 15:59	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/04/21 14:59	11/05/21 15:59	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/04/21 14:59	11/05/21 15:59	1
Caprolactam	ND		5.0	2.2	ug/L		11/04/21 14:59	11/05/21 15:59	1
Carbazole	ND		5.0	0.30	ug/L		11/04/21 14:59	11/05/21 15:59	1
Chrysene	ND		5.0	0.33	ug/L		11/04/21 14:59	11/05/21 15:59	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/04/21 14:59	11/05/21 15:59	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191790-1

Client Sample ID: LPZ-05S

Lab Sample ID: 480-191790-3

Date Collected: 11/02/21 11:55

Matrix: Water

Date Received: 11/02/21 15:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 15:59	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/04/21 14:59	11/05/21 15:59	1
Dibenzofuran	ND		10	0.51	ug/L		11/04/21 14:59	11/05/21 15:59	1
Diethyl phthalate	0.50	J	5.0	0.22	ug/L		11/04/21 14:59	11/05/21 15:59	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 15:59	1
Fluoranthene	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 15:59	1
Fluorene	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 15:59	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 15:59	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/04/21 14:59	11/05/21 15:59	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 15:59	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 15:59	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 15:59	1
Isophorone	ND		5.0	0.43	ug/L		11/04/21 14:59	11/05/21 15:59	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/04/21 14:59	11/05/21 15:59	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 15:59	1
Naphthalene	ND		5.0	0.76	ug/L		11/04/21 14:59	11/05/21 15:59	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/04/21 14:59	11/05/21 15:59	1
Pentachlorophenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 15:59	1
Phenanthrene	ND		5.0	0.44	ug/L		11/04/21 14:59	11/05/21 15:59	1
Phenol	ND		5.0	0.39	ug/L		11/04/21 14:59	11/05/21 15:59	1
Pyrene	ND		5.0	0.34	ug/L		11/04/21 14:59	11/05/21 15:59	1
Benzoic acid	ND		150	100	ug/L		11/04/21 14:59	11/05/21 15:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	104		41 - 120	11/04/21 14:59	11/05/21 15:59	1
2-Fluorobiphenyl	98		48 - 120	11/04/21 14:59	11/05/21 15:59	1
2-Fluorophenol	65		35 - 120	11/04/21 14:59	11/05/21 15:59	1
Nitrobenzene-d5	86		46 - 120	11/04/21 14:59	11/05/21 15:59	1
p-Terphenyl-d14	81		60 - 148	11/04/21 14:59	11/05/21 15:59	1
Phenol-d5	51		22 - 120	11/04/21 14:59	11/05/21 15:59	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/04/21 09:15	11/04/21 20:32	1
4,4'-DDE	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 20:32	1
4,4'-DDT	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 20:32	1
Aldrin	ND		0.050	0.0081	ug/L		11/04/21 09:15	11/04/21 20:32	1
alpha-BHC	ND		0.050	0.0077	ug/L		11/04/21 09:15	11/04/21 20:32	1
cis-Chlordane	ND		0.050	0.015	ug/L		11/04/21 09:15	11/04/21 20:32	1
beta-BHC	ND		0.050	0.025	ug/L		11/04/21 09:15	11/04/21 20:32	1
delta-BHC	ND		0.050	0.010	ug/L		11/04/21 09:15	11/04/21 20:32	1
Dieldrin	ND		0.050	0.0098	ug/L		11/04/21 09:15	11/04/21 20:32	1
Endosulfan I	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 20:32	1
Endosulfan II	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 20:32	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		11/04/21 09:15	11/04/21 20:32	1
Endrin	ND		0.050	0.014	ug/L		11/04/21 09:15	11/04/21 20:32	1
Endrin aldehyde	ND		0.050	0.016	ug/L		11/04/21 09:15	11/04/21 20:32	1
Endrin ketone	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 20:32	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		11/04/21 09:15	11/04/21 20:32	1
trans-Chlordane	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 20:32	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191790-1

Client Sample ID: LPZ-05S

Lab Sample ID: 480-191790-3

Date Collected: 11/02/21 11:55

Matrix: Water

Date Received: 11/02/21 15:10

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.050	0.0085	ug/L		11/04/21 09:15	11/04/21 20:32	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		11/04/21 09:15	11/04/21 20:32	1
Methoxychlor	ND		0.050	0.014	ug/L		11/04/21 09:15	11/04/21 20:32	1
Toxaphene	ND		0.50	0.12	ug/L		11/04/21 09:15	11/04/21 20:32	1
Mirex	ND		0.050	0.0096	ug/L		11/04/21 09:15	11/04/21 20:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	55		20 - 120	11/04/21 09:15	11/04/21 20:32	1
DCB Decachlorobiphenyl	54		20 - 120	11/04/21 09:15	11/04/21 20:32	1
Tetrachloro-m-xylene	72		44 - 120	11/04/21 09:15	11/04/21 20:32	1
Tetrachloro-m-xylene	71		44 - 120	11/04/21 09:15	11/04/21 20:32	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/03/21 14:29	11/04/21 20:16	1
PCB-1221	ND		0.50	0.18	ug/L		11/03/21 14:29	11/04/21 20:16	1
PCB-1232	ND		0.50	0.18	ug/L		11/03/21 14:29	11/04/21 20:16	1
PCB-1242	ND		0.50	0.18	ug/L		11/03/21 14:29	11/04/21 20:16	1
PCB-1248	ND		0.50	0.18	ug/L		11/03/21 14:29	11/04/21 20:16	1
PCB-1254	ND		0.50	0.25	ug/L		11/03/21 14:29	11/04/21 20:16	1
PCB-1260	ND		0.50	0.25	ug/L		11/03/21 14:29	11/04/21 20:16	1
PCB-1262	ND		0.50	0.25	ug/L		11/03/21 14:29	11/04/21 20:16	1
PCB-1268	ND		0.50	0.25	ug/L		11/03/21 14:29	11/04/21 20:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	77		39 - 121	11/03/21 14:29	11/04/21 20:16	1
Tetrachloro-m-xylene	80		39 - 121	11/03/21 14:29	11/04/21 20:16	1
DCB Decachlorobiphenyl	83		19 - 120	11/03/21 14:29	11/04/21 20:16	1
DCB Decachlorobiphenyl	49		19 - 120	11/03/21 14:29	11/04/21 20:16	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.073	J	0.20	0.060	mg/L		11/04/21 09:14	11/06/21 02:12	1
Antimony	ND		0.020	0.0068	mg/L		11/04/21 09:14	11/06/21 02:12	1
Arsenic	0.0089	J	0.015	0.0056	mg/L		11/04/21 09:14	11/06/21 02:12	1
Barium	0.20		0.0020	0.00070	mg/L		11/04/21 09:14	11/06/21 02:12	1
Beryllium	ND		0.0020	0.00030	mg/L		11/04/21 09:14	11/06/21 02:12	1
Cadmium	0.00062	J	0.0020	0.00050	mg/L		11/04/21 09:14	11/06/21 02:12	1
Calcium	152		0.50	0.10	mg/L		11/04/21 09:14	11/06/21 02:12	1
Chromium	ND		0.0040	0.0010	mg/L		11/04/21 09:14	11/06/21 02:12	1
Cobalt	0.00086	J	0.0040	0.00063	mg/L		11/04/21 09:14	11/06/21 02:12	1
Copper	0.0016	J	0.010	0.0016	mg/L		11/04/21 09:14	11/06/21 02:12	1
Iron	4.6		0.050	0.019	mg/L		11/04/21 09:14	11/06/21 02:12	1
Lead	0.0044	J	0.010	0.0030	mg/L		11/04/21 09:14	11/06/21 02:12	1
Magnesium	93.3		0.20	0.043	mg/L		11/04/21 09:14	11/06/21 02:12	1
Manganese	0.18		0.0030	0.00040	mg/L		11/04/21 09:14	11/06/21 02:12	1
Nickel	0.0016	J	0.010	0.0013	mg/L		11/04/21 09:14	11/06/21 02:12	1
Potassium	6.1		0.50	0.10	mg/L		11/04/21 09:14	11/06/21 02:12	1
Selenium	ND		0.025	0.0087	mg/L		11/04/21 09:14	11/06/21 02:12	1
Silver	ND		0.0060	0.0017	mg/L		11/04/21 09:14	11/06/21 02:12	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191790-1

Client Sample ID: LPZ-05S

Lab Sample ID: 480-191790-3

Date Collected: 11/02/21 11:55

Matrix: Water

Date Received: 11/02/21 15:10

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	67.9		1.0	0.32	mg/L		11/04/21 09:14	11/06/21 02:12	1
Thallium	ND		0.020	0.010	mg/L		11/04/21 09:14	11/06/21 02:12	1
Vanadium	ND		0.0050	0.0015	mg/L		11/04/21 09:14	11/06/21 02:12	1
Zinc	0.0040	J	0.010	0.0015	mg/L		11/04/21 09:14	11/06/21 02:12	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		11/08/21 14:36	11/08/21 19:36	1

Well LPZ-06S

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191913-1

Client Sample ID: LPZ-06S

Lab Sample ID: 480-191913-2

Date Collected: 11/04/21 10:00

Matrix: Water

Date Received: 11/04/21 15:04

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/12/21 15:09	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/12/21 15:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/12/21 15:09	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/12/21 15:09	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/12/21 15:09	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/12/21 15:09	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/12/21 15:09	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/12/21 15:09	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/12/21 15:09	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/12/21 15:09	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/12/21 15:09	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/12/21 15:09	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/12/21 15:09	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/12/21 15:09	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/12/21 15:09	1
2-Hexanone	ND		5.0	1.2	ug/L			11/12/21 15:09	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/12/21 15:09	1
Acetone	ND		10	3.0	ug/L			11/12/21 15:09	1
Benzene	ND		1.0	0.41	ug/L			11/12/21 15:09	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/12/21 15:09	1
Bromoform	ND		1.0	0.26	ug/L			11/12/21 15:09	1
Bromomethane	ND		1.0	0.69	ug/L			11/12/21 15:09	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/12/21 15:09	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/12/21 15:09	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/12/21 15:09	1
Chloroethane	ND		1.0	0.32	ug/L			11/12/21 15:09	1
Chloroform	ND		1.0	0.34	ug/L			11/12/21 15:09	1
Chloromethane	ND		1.0	0.35	ug/L			11/12/21 15:09	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/12/21 15:09	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/12/21 15:09	1
Cyclohexane	ND		1.0	0.18	ug/L			11/12/21 15:09	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/12/21 15:09	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/12/21 15:09	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/12/21 15:09	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/12/21 15:09	1
Methyl acetate	ND		2.5	1.3	ug/L			11/12/21 15:09	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/12/21 15:09	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/12/21 15:09	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/12/21 15:09	1
Styrene	ND		1.0	0.73	ug/L			11/12/21 15:09	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/12/21 15:09	1
Toluene	ND		1.0	0.51	ug/L			11/12/21 15:09	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/12/21 15:09	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/12/21 15:09	1
Trichloroethene	ND		1.0	0.46	ug/L			11/12/21 15:09	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/12/21 15:09	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/12/21 15:09	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/12/21 15:09	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191913-1

Client Sample ID: LPZ-06S

Lab Sample ID: 480-191913-2

Date Collected: 11/04/21 10:00

Matrix: Water

Date Received: 11/04/21 15:04

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		11/12/21 15:09	1
4-Bromofluorobenzene (Surr)	98		73 - 120		11/12/21 15:09	1
Toluene-d8 (Surr)	96		80 - 120		11/12/21 15:09	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/07/21 15:22	11/09/21 15:59	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/07/21 15:22	11/09/21 15:59	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/07/21 15:22	11/09/21 15:59	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/07/21 15:22	11/09/21 15:59	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/07/21 15:22	11/09/21 15:59	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/07/21 15:22	11/09/21 15:59	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/07/21 15:22	11/09/21 15:59	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/07/21 15:22	11/09/21 15:59	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/07/21 15:22	11/09/21 15:59	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/07/21 15:22	11/09/21 15:59	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/07/21 15:22	11/09/21 15:59	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/07/21 15:22	11/09/21 15:59	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/07/21 15:22	11/09/21 15:59	1
2-Nitroaniline	ND		10	0.42	ug/L		11/07/21 15:22	11/09/21 15:59	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/07/21 15:22	11/09/21 15:59	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/07/21 15:22	11/09/21 15:59	1
3-Nitroaniline	ND		10	0.48	ug/L		11/07/21 15:22	11/09/21 15:59	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/07/21 15:22	11/09/21 15:59	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/07/21 15:22	11/09/21 15:59	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/07/21 15:22	11/09/21 15:59	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/07/21 15:22	11/09/21 15:59	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/07/21 15:22	11/09/21 15:59	1
4-Methylphenol	ND		10	0.36	ug/L		11/07/21 15:22	11/09/21 15:59	1
4-Nitroaniline	ND		10	0.25	ug/L		11/07/21 15:22	11/09/21 15:59	1
4-Nitrophenol	ND		10	1.5	ug/L		11/07/21 15:22	11/09/21 15:59	1
Acenaphthene	ND		5.0	0.41	ug/L		11/07/21 15:22	11/09/21 15:59	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/07/21 15:22	11/09/21 15:59	1
Acetophenone	ND		5.0	0.54	ug/L		11/07/21 15:22	11/09/21 15:59	1
Anthracene	ND		5.0	0.28	ug/L		11/07/21 15:22	11/09/21 15:59	1
Atrazine	ND		5.0	0.46	ug/L		11/07/21 15:22	11/09/21 15:59	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/07/21 15:22	11/09/21 15:59	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/07/21 15:22	11/09/21 15:59	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/07/21 15:22	11/09/21 15:59	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/07/21 15:22	11/09/21 15:59	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/07/21 15:22	11/09/21 15:59	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/07/21 15:22	11/09/21 15:59	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/07/21 15:22	11/09/21 15:59	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/07/21 15:22	11/09/21 15:59	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/07/21 15:22	11/09/21 15:59	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/07/21 15:22	11/09/21 15:59	1
Caprolactam	ND		5.0	2.2	ug/L		11/07/21 15:22	11/09/21 15:59	1
Carbazole	ND		5.0	0.30	ug/L		11/07/21 15:22	11/09/21 15:59	1
Chrysene	ND		5.0	0.33	ug/L		11/07/21 15:22	11/09/21 15:59	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/07/21 15:22	11/09/21 15:59	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191913-1

Client Sample ID: LPZ-06S

Lab Sample ID: 480-191913-2

Date Collected: 11/04/21 10:00

Matrix: Water

Date Received: 11/04/21 15:04

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/07/21 15:22	11/09/21 15:59	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/07/21 15:22	11/09/21 15:59	1
Dibenzofuran	ND		10	0.51	ug/L		11/07/21 15:22	11/09/21 15:59	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/07/21 15:22	11/09/21 15:59	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/07/21 15:22	11/09/21 15:59	1
Fluoranthene	ND		5.0	0.40	ug/L		11/07/21 15:22	11/09/21 15:59	1
Fluorene	ND		5.0	0.36	ug/L		11/07/21 15:22	11/09/21 15:59	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/07/21 15:22	11/09/21 15:59	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/07/21 15:22	11/09/21 15:59	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/07/21 15:22	11/09/21 15:59	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/07/21 15:22	11/09/21 15:59	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/07/21 15:22	11/09/21 15:59	1
Isophorone	ND		5.0	0.43	ug/L		11/07/21 15:22	11/09/21 15:59	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/07/21 15:22	11/09/21 15:59	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/07/21 15:22	11/09/21 15:59	1
Naphthalene	ND		5.0	0.76	ug/L		11/07/21 15:22	11/09/21 15:59	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/07/21 15:22	11/09/21 15:59	1
Pentachlorophenol	ND		10	2.2	ug/L		11/07/21 15:22	11/09/21 15:59	1
Phenanthrene	ND		5.0	0.44	ug/L		11/07/21 15:22	11/09/21 15:59	1
Phenol	ND		5.0	0.39	ug/L		11/07/21 15:22	11/09/21 15:59	1
Pyrene	ND		5.0	0.34	ug/L		11/07/21 15:22	11/09/21 15:59	1
Benzoic acid	ND		150	100	ug/L		11/07/21 15:22	11/09/21 15:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	83		41 - 120	11/07/21 15:22	11/09/21 15:59	1
2-Fluorobiphenyl	97		48 - 120	11/07/21 15:22	11/09/21 15:59	1
2-Fluorophenol	63		35 - 120	11/07/21 15:22	11/09/21 15:59	1
Nitrobenzene-d5	78		46 - 120	11/07/21 15:22	11/09/21 15:59	1
p-Terphenyl-d14	83		60 - 148	11/07/21 15:22	11/09/21 15:59	1
Phenol-d5	50		22 - 120	11/07/21 15:22	11/09/21 15:59	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/05/21 14:20	11/08/21 10:39	1
4,4'-DDE	ND		0.050	0.012	ug/L		11/05/21 14:20	11/08/21 10:39	1
4,4'-DDT	ND		0.050	0.011	ug/L		11/05/21 14:20	11/08/21 10:39	1
Aldrin	ND		0.050	0.0081	ug/L		11/05/21 14:20	11/08/21 10:39	1
alpha-BHC	ND		0.050	0.0077	ug/L		11/05/21 14:20	11/08/21 10:39	1
cis-Chlordane	ND		0.050	0.015	ug/L		11/05/21 14:20	11/08/21 10:39	1
beta-BHC	ND		0.050	0.025	ug/L		11/05/21 14:20	11/08/21 10:39	1
delta-BHC	ND		0.050	0.010	ug/L		11/05/21 14:20	11/08/21 10:39	1
Dieldrin	ND		0.050	0.0098	ug/L		11/05/21 14:20	11/08/21 10:39	1
Endosulfan I	ND		0.050	0.011	ug/L		11/05/21 14:20	11/08/21 10:39	1
Endosulfan II	ND		0.050	0.012	ug/L		11/05/21 14:20	11/08/21 10:39	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		11/05/21 14:20	11/08/21 10:39	1
Endrin	ND		0.050	0.014	ug/L		11/05/21 14:20	11/08/21 10:39	1
Endrin aldehyde	ND	F2	0.050	0.016	ug/L		11/05/21 14:20	11/08/21 10:39	1
Endrin ketone	ND		0.050	0.012	ug/L		11/05/21 14:20	11/08/21 10:39	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		11/05/21 14:20	11/08/21 10:39	1
trans-Chlordane	ND		0.050	0.011	ug/L		11/05/21 14:20	11/08/21 10:39	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191913-1

Client Sample ID: LPZ-06S

Lab Sample ID: 480-191913-2

Date Collected: 11/04/21 10:00

Matrix: Water

Date Received: 11/04/21 15:04

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.050	0.0085	ug/L		11/05/21 14:20	11/08/21 10:39	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		11/05/21 14:20	11/08/21 10:39	1
Methoxychlor	ND		0.050	0.014	ug/L		11/05/21 14:20	11/08/21 10:39	1
Toxaphene	ND		0.50	0.12	ug/L		11/05/21 14:20	11/08/21 10:39	1
Mirex	ND		0.050	0.0096	ug/L		11/05/21 14:20	11/08/21 10:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	67		20 - 120	11/05/21 14:20	11/08/21 10:39	1
DCB Decachlorobiphenyl	62		20 - 120	11/05/21 14:20	11/08/21 10:39	1
Tetrachloro-m-xylene	86		44 - 120	11/05/21 14:20	11/08/21 10:39	1
Tetrachloro-m-xylene	79		44 - 120	11/05/21 14:20	11/08/21 10:39	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.52	0.18	ug/L		11/08/21 10:26	11/08/21 19:38	1
PCB-1221	ND		0.52	0.18	ug/L		11/08/21 10:26	11/08/21 19:38	1
PCB-1232	ND		0.52	0.18	ug/L		11/08/21 10:26	11/08/21 19:38	1
PCB-1242	ND		0.52	0.18	ug/L		11/08/21 10:26	11/08/21 19:38	1
PCB-1248	ND		0.52	0.18	ug/L		11/08/21 10:26	11/08/21 19:38	1
PCB-1254	ND		0.52	0.26	ug/L		11/08/21 10:26	11/08/21 19:38	1
PCB-1260	ND		0.52	0.26	ug/L		11/08/21 10:26	11/08/21 19:38	1
PCB-1262	ND		0.52	0.26	ug/L		11/08/21 10:26	11/08/21 19:38	1
PCB-1268	ND		0.52	0.26	ug/L		11/08/21 10:26	11/08/21 19:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	52		39 - 121	11/08/21 10:26	11/08/21 19:38	1
Tetrachloro-m-xylene	54		39 - 121	11/08/21 10:26	11/08/21 19:38	1
DCB Decachlorobiphenyl	79		19 - 120	11/08/21 10:26	11/08/21 19:38	1
DCB Decachlorobiphenyl	51		19 - 120	11/08/21 10:26	11/08/21 19:38	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/10/21 09:20	11/11/21 20:50	1
Antimony	ND		0.020	0.0068	mg/L		11/10/21 09:20	11/11/21 20:50	1
Arsenic	ND		0.015	0.0056	mg/L		11/10/21 09:20	11/11/21 20:50	1
Barium	0.041		0.0020	0.00070	mg/L		11/10/21 09:20	11/11/21 20:50	1
Beryllium	ND		0.0020	0.00030	mg/L		11/10/21 09:20	11/11/21 20:50	1
Cadmium	ND		0.0020	0.00050	mg/L		11/10/21 09:20	11/11/21 20:50	1
Calcium	184		0.50	0.10	mg/L		11/10/21 09:20	11/11/21 20:50	1
Chromium	ND		0.0040	0.0010	mg/L		11/10/21 09:20	11/11/21 20:50	1
Cobalt	ND		0.0040	0.00063	mg/L		11/10/21 09:20	11/11/21 20:50	1
Copper	ND		0.010	0.0016	mg/L		11/10/21 09:20	11/11/21 20:50	1
Iron	0.055		0.050	0.019	mg/L		11/10/21 09:20	11/11/21 20:50	1
Lead	ND		0.010	0.0030	mg/L		11/10/21 09:20	11/11/21 20:50	1
Magnesium	60.3		0.20	0.043	mg/L		11/10/21 09:20	11/11/21 20:50	1
Manganese	0.059		0.0030	0.00040	mg/L		11/10/21 09:20	11/11/21 20:50	1
Nickel	ND		0.010	0.0013	mg/L		11/10/21 09:20	11/11/21 20:50	1
Potassium	2.2		0.50	0.10	mg/L		11/10/21 09:20	11/11/21 20:50	1
Selenium	ND		0.025	0.0087	mg/L		11/10/21 09:20	11/11/21 20:50	1
Silver	ND		0.0060	0.0017	mg/L		11/10/21 09:20	11/11/21 20:50	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191913-1

Client Sample ID: LPZ-06S

Lab Sample ID: 480-191913-2

Date Collected: 11/04/21 10:00

Matrix: Water

Date Received: 11/04/21 15:04

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	40.1		1.0	0.32	mg/L		11/10/21 09:20	11/11/21 20:50	1
Thallium	ND		0.020	0.010	mg/L		11/10/21 09:20	11/11/21 20:50	1
Vanadium	ND		0.0050	0.0015	mg/L		11/10/21 09:20	11/11/21 20:50	1
Zinc	0.0037	J B	0.010	0.0015	mg/L		11/10/21 09:20	11/11/21 20:50	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		11/11/21 10:58	11/11/21 15:04	1

Well LPZ-07S

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191790-1

Client Sample ID: LPZ-07S

Lab Sample ID: 480-191790-2

Date Collected: 11/02/21 10:35

Matrix: Water

Date Received: 11/02/21 15:10

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			11/05/21 12:58	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			11/05/21 12:58	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			11/05/21 12:58	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			11/05/21 12:58	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			11/05/21 12:58	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			11/05/21 12:58	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			11/05/21 12:58	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			11/05/21 12:58	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			11/05/21 12:58	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			11/05/21 12:58	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			11/05/21 12:58	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			11/05/21 12:58	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			11/05/21 12:58	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			11/05/21 12:58	2
2-Butanone (MEK)	ND		20	2.6	ug/L			11/05/21 12:58	2
2-Hexanone	ND		10	2.5	ug/L			11/05/21 12:58	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			11/05/21 12:58	2
Acetone	ND		20	6.0	ug/L			11/05/21 12:58	2
Benzene	ND		2.0	0.82	ug/L			11/05/21 12:58	2
Bromodichloromethane	ND		2.0	0.78	ug/L			11/05/21 12:58	2
Bromoform	ND		2.0	0.52	ug/L			11/05/21 12:58	2
Bromomethane	ND		2.0	1.4	ug/L			11/05/21 12:58	2
Carbon disulfide	ND		2.0	0.38	ug/L			11/05/21 12:58	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			11/05/21 12:58	2
Chlorobenzene	ND		2.0	1.5	ug/L			11/05/21 12:58	2
Chloroethane	ND		2.0	0.64	ug/L			11/05/21 12:58	2
Chloroform	ND		2.0	0.68	ug/L			11/05/21 12:58	2
Chloromethane	ND		2.0	0.70	ug/L			11/05/21 12:58	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			11/05/21 12:58	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			11/05/21 12:58	2
Cyclohexane	ND		2.0	0.36	ug/L			11/05/21 12:58	2
Dibromochloromethane	ND		2.0	0.64	ug/L			11/05/21 12:58	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			11/05/21 12:58	2
Ethylbenzene	ND		2.0	1.5	ug/L			11/05/21 12:58	2
Isopropylbenzene	ND		2.0	1.6	ug/L			11/05/21 12:58	2
Methyl acetate	ND		5.0	2.6	ug/L			11/05/21 12:58	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			11/05/21 12:58	2
Methylcyclohexane	ND		2.0	0.32	ug/L			11/05/21 12:58	2
Methylene Chloride	ND		2.0	0.88	ug/L			11/05/21 12:58	2
Styrene	ND		2.0	1.5	ug/L			11/05/21 12:58	2
Tetrachloroethene	ND		2.0	0.72	ug/L			11/05/21 12:58	2
Toluene	ND		2.0	1.0	ug/L			11/05/21 12:58	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			11/05/21 12:58	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			11/05/21 12:58	2
Trichloroethene	ND		2.0	0.92	ug/L			11/05/21 12:58	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			11/05/21 12:58	2
Vinyl chloride	ND		2.0	1.8	ug/L			11/05/21 12:58	2
Xylenes, Total	ND		4.0	1.3	ug/L			11/05/21 12:58	2

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191790-1

Client Sample ID: LPZ-07S

Lab Sample ID: 480-191790-2

Date Collected: 11/02/21 10:35

Matrix: Water

Date Received: 11/02/21 15:10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		11/05/21 12:58	2
4-Bromofluorobenzene (Surr)	100		73 - 120		11/05/21 12:58	2
Toluene-d8 (Surr)	103		80 - 120		11/05/21 12:58	2

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/04/21 14:59	11/05/21 12:51	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/04/21 14:59	11/05/21 12:51	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/04/21 14:59	11/05/21 12:51	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/04/21 14:59	11/05/21 12:51	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 12:51	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/04/21 14:59	11/05/21 12:51	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 12:51	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 12:51	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 12:51	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/04/21 14:59	11/05/21 12:51	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/04/21 14:59	11/05/21 12:51	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/04/21 14:59	11/05/21 12:51	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 12:51	1
2-Nitroaniline	ND		10	0.42	ug/L		11/04/21 14:59	11/05/21 12:51	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/04/21 14:59	11/05/21 12:51	1
3,3'-Dichlorobenzidine	ND	F2	5.0	0.40	ug/L		11/04/21 14:59	11/05/21 12:51	1
3-Nitroaniline	ND		10	0.48	ug/L		11/04/21 14:59	11/05/21 12:51	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 12:51	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 12:51	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 12:51	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 12:51	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 12:51	1
4-Methylphenol	ND		10	0.36	ug/L		11/04/21 14:59	11/05/21 12:51	1
4-Nitroaniline	ND		10	0.25	ug/L		11/04/21 14:59	11/05/21 12:51	1
4-Nitrophenol	ND		10	1.5	ug/L		11/04/21 14:59	11/05/21 12:51	1
Acenaphthene	ND		5.0	0.41	ug/L		11/04/21 14:59	11/05/21 12:51	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/04/21 14:59	11/05/21 12:51	1
Acetophenone	ND		5.0	0.54	ug/L		11/04/21 14:59	11/05/21 12:51	1
Anthracene	ND		5.0	0.28	ug/L		11/04/21 14:59	11/05/21 12:51	1
Atrazine	ND		5.0	0.46	ug/L		11/04/21 14:59	11/05/21 12:51	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/04/21 14:59	11/05/21 12:51	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 12:51	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 12:51	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/04/21 14:59	11/05/21 12:51	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 12:51	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/04/21 14:59	11/05/21 12:51	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 12:51	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 12:51	1
Bis(2-ethylhexyl) phthalate	ND	F2	5.0	2.2	ug/L		11/04/21 14:59	11/05/21 12:51	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/04/21 14:59	11/05/21 12:51	1
Caprolactam	ND		5.0	2.2	ug/L		11/04/21 14:59	11/05/21 12:51	1
Carbazole	ND		5.0	0.30	ug/L		11/04/21 14:59	11/05/21 12:51	1
Chrysene	ND		5.0	0.33	ug/L		11/04/21 14:59	11/05/21 12:51	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/04/21 14:59	11/05/21 12:51	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191790-1

Client Sample ID: LPZ-07S

Lab Sample ID: 480-191790-2

Date Collected: 11/02/21 10:35

Matrix: Water

Date Received: 11/02/21 15:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 12:51	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/04/21 14:59	11/05/21 12:51	1
Dibenzofuran	ND		10	0.51	ug/L		11/04/21 14:59	11/05/21 12:51	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/04/21 14:59	11/05/21 12:51	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 12:51	1
Fluoranthene	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 12:51	1
Fluorene	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 12:51	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 12:51	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/04/21 14:59	11/05/21 12:51	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 12:51	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 12:51	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 12:51	1
Isophorone	ND		5.0	0.43	ug/L		11/04/21 14:59	11/05/21 12:51	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/04/21 14:59	11/05/21 12:51	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 12:51	1
Naphthalene	ND		5.0	0.76	ug/L		11/04/21 14:59	11/05/21 12:51	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/04/21 14:59	11/05/21 12:51	1
Pentachlorophenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 12:51	1
Phenanthrene	ND		5.0	0.44	ug/L		11/04/21 14:59	11/05/21 12:51	1
Phenol	ND		5.0	0.39	ug/L		11/04/21 14:59	11/05/21 12:51	1
Pyrene	ND		5.0	0.34	ug/L		11/04/21 14:59	11/05/21 12:51	1
Benzoic acid	ND		150	100	ug/L		11/04/21 14:59	11/05/21 12:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	109		41 - 120	11/04/21 14:59	11/05/21 12:51	1
2-Fluorobiphenyl	88		48 - 120	11/04/21 14:59	11/05/21 12:51	1
2-Fluorophenol	63		35 - 120	11/04/21 14:59	11/05/21 12:51	1
Nitrobenzene-d5	80		46 - 120	11/04/21 14:59	11/05/21 12:51	1
p-Terphenyl-d14	76		60 - 148	11/04/21 14:59	11/05/21 12:51	1
Phenol-d5	47		22 - 120	11/04/21 14:59	11/05/21 12:51	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/04/21 09:15	11/04/21 16:36	1
4,4'-DDE	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 16:36	1
4,4'-DDT	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 16:36	1
Aldrin	ND		0.050	0.0081	ug/L		11/04/21 09:15	11/04/21 16:36	1
alpha-BHC	ND		0.050	0.0077	ug/L		11/04/21 09:15	11/04/21 16:36	1
cis-Chlordane	ND		0.050	0.015	ug/L		11/04/21 09:15	11/04/21 16:36	1
beta-BHC	ND		0.050	0.025	ug/L		11/04/21 09:15	11/04/21 16:36	1
delta-BHC	ND		0.050	0.010	ug/L		11/04/21 09:15	11/04/21 16:36	1
Dieldrin	ND		0.050	0.0098	ug/L		11/04/21 09:15	11/04/21 16:36	1
Endosulfan I	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 16:36	1
Endosulfan II	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 16:36	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		11/04/21 09:15	11/04/21 16:36	1
Endrin	ND		0.050	0.014	ug/L		11/04/21 09:15	11/04/21 16:36	1
Endrin aldehyde	ND		0.050	0.016	ug/L		11/04/21 09:15	11/04/21 16:36	1
Endrin ketone	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 16:36	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		11/04/21 09:15	11/04/21 16:36	1
trans-Chlordane	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 16:36	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191790-1

Client Sample ID: LPZ-07S

Lab Sample ID: 480-191790-2

Date Collected: 11/02/21 10:35

Matrix: Water

Date Received: 11/02/21 15:10

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND	F1	0.050	0.0085	ug/L		11/04/21 09:15	11/04/21 16:36	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		11/04/21 09:15	11/04/21 16:36	1
Methoxychlor	ND		0.050	0.014	ug/L		11/04/21 09:15	11/04/21 16:36	1
Toxaphene	ND		0.50	0.12	ug/L		11/04/21 09:15	11/04/21 16:36	1
Mirex	ND		0.050	0.0096	ug/L		11/04/21 09:15	11/04/21 16:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	43		20 - 120	11/04/21 09:15	11/04/21 16:36	1
DCB Decachlorobiphenyl	36		20 - 120	11/04/21 09:15	11/04/21 16:36	1
Tetrachloro-m-xylene	70		44 - 120	11/04/21 09:15	11/04/21 16:36	1
Tetrachloro-m-xylene	63		44 - 120	11/04/21 09:15	11/04/21 16:36	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/03/21 14:29	11/04/21 19:50	1
PCB-1221	ND		0.50	0.18	ug/L		11/03/21 14:29	11/04/21 19:50	1
PCB-1232	ND		0.50	0.18	ug/L		11/03/21 14:29	11/04/21 19:50	1
PCB-1242	ND		0.50	0.18	ug/L		11/03/21 14:29	11/04/21 19:50	1
PCB-1248	ND		0.50	0.18	ug/L		11/03/21 14:29	11/04/21 19:50	1
PCB-1254	ND		0.50	0.25	ug/L		11/03/21 14:29	11/04/21 19:50	1
PCB-1260	ND		0.50	0.25	ug/L		11/03/21 14:29	11/04/21 19:50	1
PCB-1262	ND		0.50	0.25	ug/L		11/03/21 14:29	11/04/21 19:50	1
PCB-1268	ND		0.50	0.25	ug/L		11/03/21 14:29	11/04/21 19:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	73		39 - 121	11/03/21 14:29	11/04/21 19:50	1
Tetrachloro-m-xylene	74		39 - 121	11/03/21 14:29	11/04/21 19:50	1
DCB Decachlorobiphenyl	47		19 - 120	11/03/21 14:29	11/04/21 19:50	1
DCB Decachlorobiphenyl	26		19 - 120	11/03/21 14:29	11/04/21 19:50	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.14	J	0.20	0.060	mg/L		11/04/21 09:14	11/06/21 01:54	1
Antimony	ND		0.020	0.0068	mg/L		11/04/21 09:14	11/06/21 01:54	1
Arsenic	0.0062	J	0.015	0.0056	mg/L		11/04/21 09:14	11/06/21 01:54	1
Barium	0.019		0.0020	0.00070	mg/L		11/04/21 09:14	11/06/21 01:54	1
Beryllium	ND		0.0020	0.00030	mg/L		11/04/21 09:14	11/06/21 01:54	1
Cadmium	0.0059		0.0020	0.00050	mg/L		11/04/21 09:14	11/06/21 01:54	1
Calcium	260		0.50	0.10	mg/L		11/04/21 09:14	11/06/21 01:54	1
Chromium	ND		0.0040	0.0010	mg/L		11/04/21 09:14	11/06/21 01:54	1
Cobalt	0.0023	J	0.0040	0.00063	mg/L		11/04/21 09:14	11/06/21 01:54	1
Copper	0.047		0.010	0.0016	mg/L		11/04/21 09:14	11/06/21 01:54	1
Iron	2.7		0.050	0.019	mg/L		11/04/21 09:14	11/06/21 01:54	1
Lead	0.013		0.010	0.0030	mg/L		11/04/21 09:14	11/06/21 01:54	1
Magnesium	47.5		0.20	0.043	mg/L		11/04/21 09:14	11/06/21 01:54	1
Manganese	0.65		0.0030	0.00040	mg/L		11/04/21 09:14	11/06/21 01:54	1
Nickel	0.0069	J	0.010	0.0013	mg/L		11/04/21 09:14	11/06/21 01:54	1
Potassium	8.2		0.50	0.10	mg/L		11/04/21 09:14	11/06/21 01:54	1
Selenium	ND		0.025	0.0087	mg/L		11/04/21 09:14	11/06/21 01:54	1
Silver	ND		0.0060	0.0017	mg/L		11/04/21 09:14	11/06/21 01:54	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191790-1

Client Sample ID: LPZ-07S

Lab Sample ID: 480-191790-2

Date Collected: 11/02/21 10:35

Matrix: Water

Date Received: 11/02/21 15:10

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	21.7		1.0	0.32	mg/L		11/04/21 09:14	11/06/21 01:54	1
Thallium	ND		0.020	0.010	mg/L		11/04/21 09:14	11/06/21 01:54	1
Vanadium	0.0017	J	0.0050	0.0015	mg/L		11/04/21 09:14	11/06/21 01:54	1
Zinc	0.0096	J	0.010	0.0015	mg/L		11/04/21 09:14	11/06/21 01:54	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		11/08/21 14:36	11/08/21 19:30	1

Well LPZ-08S

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191790-1

Client Sample ID: LPZ-08S

Lab Sample ID: 480-191790-4

Date Collected: 11/02/21 14:20

Matrix: Water

Date Received: 11/02/21 15:10

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			11/05/21 13:43	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			11/05/21 13:43	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			11/05/21 13:43	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			11/05/21 13:43	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			11/05/21 13:43	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			11/05/21 13:43	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			11/05/21 13:43	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			11/05/21 13:43	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			11/05/21 13:43	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			11/05/21 13:43	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			11/05/21 13:43	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			11/05/21 13:43	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			11/05/21 13:43	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			11/05/21 13:43	2
2-Butanone (MEK)	ND		20	2.6	ug/L			11/05/21 13:43	2
2-Hexanone	ND		10	2.5	ug/L			11/05/21 13:43	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			11/05/21 13:43	2
Acetone	ND		20	6.0	ug/L			11/05/21 13:43	2
Benzene	ND		2.0	0.82	ug/L			11/05/21 13:43	2
Bromodichloromethane	ND		2.0	0.78	ug/L			11/05/21 13:43	2
Bromoform	ND		2.0	0.52	ug/L			11/05/21 13:43	2
Bromomethane	ND		2.0	1.4	ug/L			11/05/21 13:43	2
Carbon disulfide	ND		2.0	0.38	ug/L			11/05/21 13:43	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			11/05/21 13:43	2
Chlorobenzene	ND		2.0	1.5	ug/L			11/05/21 13:43	2
Chloroethane	ND		2.0	0.64	ug/L			11/05/21 13:43	2
Chloroform	ND		2.0	0.68	ug/L			11/05/21 13:43	2
Chloromethane	ND		2.0	0.70	ug/L			11/05/21 13:43	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			11/05/21 13:43	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			11/05/21 13:43	2
Cyclohexane	ND		2.0	0.36	ug/L			11/05/21 13:43	2
Dibromochloromethane	ND		2.0	0.64	ug/L			11/05/21 13:43	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			11/05/21 13:43	2
Ethylbenzene	ND		2.0	1.5	ug/L			11/05/21 13:43	2
Isopropylbenzene	ND		2.0	1.6	ug/L			11/05/21 13:43	2
Methyl acetate	ND		5.0	2.6	ug/L			11/05/21 13:43	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			11/05/21 13:43	2
Methylcyclohexane	ND		2.0	0.32	ug/L			11/05/21 13:43	2
Methylene Chloride	ND		2.0	0.88	ug/L			11/05/21 13:43	2
Styrene	ND		2.0	1.5	ug/L			11/05/21 13:43	2
Tetrachloroethene	ND		2.0	0.72	ug/L			11/05/21 13:43	2
Toluene	ND		2.0	1.0	ug/L			11/05/21 13:43	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			11/05/21 13:43	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			11/05/21 13:43	2
Trichloroethene	ND		2.0	0.92	ug/L			11/05/21 13:43	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			11/05/21 13:43	2
Vinyl chloride	ND		2.0	1.8	ug/L			11/05/21 13:43	2
Xylenes, Total	ND		4.0	1.3	ug/L			11/05/21 13:43	2

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191790-1

Client Sample ID: LPZ-08S

Lab Sample ID: 480-191790-4

Date Collected: 11/02/21 14:20

Matrix: Water

Date Received: 11/02/21 15:10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		11/05/21 13:43	2
4-Bromofluorobenzene (Surr)	104		73 - 120		11/05/21 13:43	2
Toluene-d8 (Surr)	104		80 - 120		11/05/21 13:43	2

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/04/21 14:59	11/05/21 16:26	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/04/21 14:59	11/05/21 16:26	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/04/21 14:59	11/05/21 16:26	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/04/21 14:59	11/05/21 16:26	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 16:26	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/04/21 14:59	11/05/21 16:26	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 16:26	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 16:26	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 16:26	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/04/21 14:59	11/05/21 16:26	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/04/21 14:59	11/05/21 16:26	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/04/21 14:59	11/05/21 16:26	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 16:26	1
2-Nitroaniline	ND		10	0.42	ug/L		11/04/21 14:59	11/05/21 16:26	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/04/21 14:59	11/05/21 16:26	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 16:26	1
3-Nitroaniline	ND		10	0.48	ug/L		11/04/21 14:59	11/05/21 16:26	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 16:26	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 16:26	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 16:26	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 16:26	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 16:26	1
4-Methylphenol	ND		10	0.36	ug/L		11/04/21 14:59	11/05/21 16:26	1
4-Nitroaniline	ND		10	0.25	ug/L		11/04/21 14:59	11/05/21 16:26	1
4-Nitrophenol	ND		10	1.5	ug/L		11/04/21 14:59	11/05/21 16:26	1
Acenaphthene	ND		5.0	0.41	ug/L		11/04/21 14:59	11/05/21 16:26	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/04/21 14:59	11/05/21 16:26	1
Acetophenone	ND		5.0	0.54	ug/L		11/04/21 14:59	11/05/21 16:26	1
Anthracene	ND		5.0	0.28	ug/L		11/04/21 14:59	11/05/21 16:26	1
Atrazine	ND		5.0	0.46	ug/L		11/04/21 14:59	11/05/21 16:26	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/04/21 14:59	11/05/21 16:26	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 16:26	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 16:26	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/04/21 14:59	11/05/21 16:26	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 16:26	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/04/21 14:59	11/05/21 16:26	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 16:26	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 16:26	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/04/21 14:59	11/05/21 16:26	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/04/21 14:59	11/05/21 16:26	1
Caprolactam	ND		5.0	2.2	ug/L		11/04/21 14:59	11/05/21 16:26	1
Carbazole	ND		5.0	0.30	ug/L		11/04/21 14:59	11/05/21 16:26	1
Chrysene	ND		5.0	0.33	ug/L		11/04/21 14:59	11/05/21 16:26	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/04/21 14:59	11/05/21 16:26	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191790-1

Client Sample ID: LPZ-08S

Lab Sample ID: 480-191790-4

Date Collected: 11/02/21 14:20

Matrix: Water

Date Received: 11/02/21 15:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 16:26	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/04/21 14:59	11/05/21 16:26	1
Dibenzofuran	ND		10	0.51	ug/L		11/04/21 14:59	11/05/21 16:26	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/04/21 14:59	11/05/21 16:26	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 16:26	1
Fluoranthene	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 16:26	1
Fluorene	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 16:26	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 16:26	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/04/21 14:59	11/05/21 16:26	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 16:26	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 16:26	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 16:26	1
Isophorone	ND		5.0	0.43	ug/L		11/04/21 14:59	11/05/21 16:26	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/04/21 14:59	11/05/21 16:26	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 16:26	1
Naphthalene	ND		5.0	0.76	ug/L		11/04/21 14:59	11/05/21 16:26	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/04/21 14:59	11/05/21 16:26	1
Pentachlorophenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 16:26	1
Phenanthrene	ND		5.0	0.44	ug/L		11/04/21 14:59	11/05/21 16:26	1
Phenol	ND		5.0	0.39	ug/L		11/04/21 14:59	11/05/21 16:26	1
Pyrene	ND		5.0	0.34	ug/L		11/04/21 14:59	11/05/21 16:26	1
Benzoic acid	ND		150	100	ug/L		11/04/21 14:59	11/05/21 16:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	108		41 - 120	11/04/21 14:59	11/05/21 16:26	1
2-Fluorobiphenyl	91		48 - 120	11/04/21 14:59	11/05/21 16:26	1
2-Fluorophenol	67		35 - 120	11/04/21 14:59	11/05/21 16:26	1
Nitrobenzene-d5	82		46 - 120	11/04/21 14:59	11/05/21 16:26	1
p-Terphenyl-d14	80		60 - 148	11/04/21 14:59	11/05/21 16:26	1
Phenol-d5	51		22 - 120	11/04/21 14:59	11/05/21 16:26	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/04/21 09:15	11/04/21 20:51	1
4,4'-DDE	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 20:51	1
4,4'-DDT	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 20:51	1
Aldrin	ND		0.050	0.0081	ug/L		11/04/21 09:15	11/04/21 20:51	1
alpha-BHC	ND		0.050	0.0077	ug/L		11/04/21 09:15	11/04/21 20:51	1
cis-Chlordane	ND		0.050	0.015	ug/L		11/04/21 09:15	11/04/21 20:51	1
beta-BHC	0.038	J	0.050	0.025	ug/L		11/04/21 09:15	11/04/21 20:51	1
delta-BHC	ND		0.050	0.010	ug/L		11/04/21 09:15	11/04/21 20:51	1
Dieldrin	ND		0.050	0.0098	ug/L		11/04/21 09:15	11/04/21 20:51	1
Endosulfan I	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 20:51	1
Endosulfan II	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 20:51	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		11/04/21 09:15	11/04/21 20:51	1
Endrin	ND		0.050	0.014	ug/L		11/04/21 09:15	11/04/21 20:51	1
Endrin aldehyde	ND		0.050	0.016	ug/L		11/04/21 09:15	11/04/21 20:51	1
Endrin ketone	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 20:51	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		11/04/21 09:15	11/04/21 20:51	1
trans-Chlordane	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 20:51	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191790-1

Client Sample ID: LPZ-08S

Lab Sample ID: 480-191790-4

Date Collected: 11/02/21 14:20

Matrix: Water

Date Received: 11/02/21 15:10

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.050	0.0085	ug/L		11/04/21 09:15	11/04/21 20:51	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		11/04/21 09:15	11/04/21 20:51	1
Methoxychlor	ND		0.050	0.014	ug/L		11/04/21 09:15	11/04/21 20:51	1
Toxaphene	ND		0.50	0.12	ug/L		11/04/21 09:15	11/04/21 20:51	1
Mirex	ND		0.050	0.0096	ug/L		11/04/21 09:15	11/04/21 20:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	43		20 - 120	11/04/21 09:15	11/04/21 20:51	1
DCB Decachlorobiphenyl	41		20 - 120	11/04/21 09:15	11/04/21 20:51	1
Tetrachloro-m-xylene	86		44 - 120	11/04/21 09:15	11/04/21 20:51	1
Tetrachloro-m-xylene	72		44 - 120	11/04/21 09:15	11/04/21 20:51	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/03/21 14:29	11/04/21 20:28	1
PCB-1221	ND		0.50	0.18	ug/L		11/03/21 14:29	11/04/21 20:28	1
PCB-1232	ND		0.50	0.18	ug/L		11/03/21 14:29	11/04/21 20:28	1
PCB-1242	ND		0.50	0.18	ug/L		11/03/21 14:29	11/04/21 20:28	1
PCB-1248	ND		0.50	0.18	ug/L		11/03/21 14:29	11/04/21 20:28	1
PCB-1254	ND		0.50	0.25	ug/L		11/03/21 14:29	11/04/21 20:28	1
PCB-1260	ND		0.50	0.25	ug/L		11/03/21 14:29	11/04/21 20:28	1
PCB-1262	ND		0.50	0.25	ug/L		11/03/21 14:29	11/04/21 20:28	1
PCB-1268	ND		0.50	0.25	ug/L		11/03/21 14:29	11/04/21 20:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	69		39 - 121	11/03/21 14:29	11/04/21 20:28	1
Tetrachloro-m-xylene	70		39 - 121	11/03/21 14:29	11/04/21 20:28	1
DCB Decachlorobiphenyl	59		19 - 120	11/03/21 14:29	11/04/21 20:28	1
DCB Decachlorobiphenyl	33		19 - 120	11/03/21 14:29	11/04/21 20:28	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.067	J	0.20	0.060	mg/L		11/04/21 09:14	11/06/21 02:27	1
Antimony	ND		0.020	0.0068	mg/L		11/04/21 09:14	11/06/21 02:27	1
Arsenic	ND		0.015	0.0056	mg/L		11/04/21 09:14	11/06/21 02:27	1
Barium	0.095		0.0020	0.00070	mg/L		11/04/21 09:14	11/06/21 02:27	1
Beryllium	ND		0.0020	0.00030	mg/L		11/04/21 09:14	11/06/21 02:27	1
Cadmium	0.00093	J	0.0020	0.00050	mg/L		11/04/21 09:14	11/06/21 02:27	1
Calcium	501		0.50	0.10	mg/L		11/04/21 09:14	11/06/21 02:27	1
Chromium	0.0096		0.0040	0.0010	mg/L		11/04/21 09:14	11/06/21 02:27	1
Cobalt	0.0050		0.0040	0.00063	mg/L		11/04/21 09:14	11/06/21 02:27	1
Copper	0.011		0.010	0.0016	mg/L		11/04/21 09:14	11/06/21 02:27	1
Iron	33.5		0.050	0.019	mg/L		11/04/21 09:14	11/06/21 02:27	1
Lead	0.015		0.010	0.0030	mg/L		11/04/21 09:14	11/06/21 02:27	1
Magnesium	110		0.20	0.043	mg/L		11/04/21 09:14	11/06/21 02:27	1
Manganese	2.4		0.0030	0.00040	mg/L		11/04/21 09:14	11/06/21 02:27	1
Nickel	0.012		0.010	0.0013	mg/L		11/04/21 09:14	11/06/21 02:27	1
Potassium	8.5		0.50	0.10	mg/L		11/04/21 09:14	11/06/21 02:27	1
Selenium	ND		0.025	0.0087	mg/L		11/04/21 09:14	11/06/21 02:27	1
Silver	ND	^+	0.0060	0.0017	mg/L		11/04/21 09:14	11/06/21 02:27	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191790-1

Client Sample ID: LPZ-08S

Lab Sample ID: 480-191790-4

Date Collected: 11/02/21 14:20

Matrix: Water

Date Received: 11/02/21 15:10

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	98.8		1.0	0.32	mg/L		11/04/21 09:14	11/06/21 02:27	1
Thallium	ND		0.020	0.010	mg/L		11/04/21 09:14	11/06/21 02:27	1
Vanadium	0.0028	J	0.0050	0.0015	mg/L		11/04/21 09:14	11/06/21 02:27	1
Zinc	0.014		0.010	0.0015	mg/L		11/04/21 09:14	11/06/21 02:27	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		11/08/21 14:36	11/08/21 19:37	1

Well LPZ-11S

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: LPZ - 11S

Lab Sample ID: 480-191735-4

Date Collected: 11/01/21 14:00

Matrix: Water

Date Received: 11/01/21 16:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/05/21 15:08	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/05/21 15:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/05/21 15:08	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/05/21 15:08	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/05/21 15:08	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/05/21 15:08	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/05/21 15:08	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/05/21 15:08	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/05/21 15:08	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/05/21 15:08	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/05/21 15:08	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/05/21 15:08	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/05/21 15:08	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/05/21 15:08	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/05/21 15:08	1
2-Hexanone	ND		5.0	1.2	ug/L			11/05/21 15:08	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/05/21 15:08	1
Acetone	ND		10	3.0	ug/L			11/05/21 15:08	1
Benzene	ND		1.0	0.41	ug/L			11/05/21 15:08	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/05/21 15:08	1
Bromoform	ND		1.0	0.26	ug/L			11/05/21 15:08	1
Bromomethane	ND		1.0	0.69	ug/L			11/05/21 15:08	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/05/21 15:08	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/05/21 15:08	1
Chlorobenzene	1.2		1.0	0.75	ug/L			11/05/21 15:08	1
Chloroethane	ND		1.0	0.32	ug/L			11/05/21 15:08	1
Chloroform	ND		1.0	0.34	ug/L			11/05/21 15:08	1
Chloromethane	ND		1.0	0.35	ug/L			11/05/21 15:08	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/05/21 15:08	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/05/21 15:08	1
Cyclohexane	ND		1.0	0.18	ug/L			11/05/21 15:08	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/05/21 15:08	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/05/21 15:08	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/05/21 15:08	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/05/21 15:08	1
Methyl acetate	ND		2.5	1.3	ug/L			11/05/21 15:08	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/05/21 15:08	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/05/21 15:08	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/05/21 15:08	1
Styrene	ND		1.0	0.73	ug/L			11/05/21 15:08	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/05/21 15:08	1
Toluene	ND		1.0	0.51	ug/L			11/05/21 15:08	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/05/21 15:08	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/05/21 15:08	1
Trichloroethene	ND		1.0	0.46	ug/L			11/05/21 15:08	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/05/21 15:08	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/05/21 15:08	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/05/21 15:08	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: LPZ - 11S

Lab Sample ID: 480-191735-4

Date Collected: 11/01/21 14:00

Matrix: Water

Date Received: 11/01/21 16:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		11/05/21 15:08	1
4-Bromofluorobenzene (Surr)	104		73 - 120		11/05/21 15:08	1
Toluene-d8 (Surr)	101		80 - 120		11/05/21 15:08	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/03/21 07:03	11/05/21 17:59	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/03/21 07:03	11/05/21 17:59	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/03/21 07:03	11/05/21 17:59	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/03/21 07:03	11/05/21 17:59	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/03/21 07:03	11/05/21 17:59	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/03/21 07:03	11/05/21 17:59	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/03/21 07:03	11/05/21 17:59	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/03/21 07:03	11/05/21 17:59	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 17:59	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/03/21 07:03	11/05/21 17:59	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/03/21 07:03	11/05/21 17:59	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/03/21 07:03	11/05/21 17:59	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 17:59	1
2-Nitroaniline	ND		10	0.42	ug/L		11/03/21 07:03	11/05/21 17:59	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/03/21 07:03	11/05/21 17:59	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 17:59	1
3-Nitroaniline	ND		10	0.48	ug/L		11/03/21 07:03	11/05/21 17:59	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/03/21 07:03	11/05/21 17:59	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/03/21 07:03	11/05/21 17:59	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/03/21 07:03	11/05/21 17:59	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/03/21 07:03	11/05/21 17:59	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/03/21 07:03	11/05/21 17:59	1
4-Methylphenol	ND		10	0.36	ug/L		11/03/21 07:03	11/05/21 17:59	1
4-Nitroaniline	ND		10	0.25	ug/L		11/03/21 07:03	11/05/21 17:59	1
4-Nitrophenol	ND		10	1.5	ug/L		11/03/21 07:03	11/05/21 17:59	1
Acenaphthene	ND		5.0	0.41	ug/L		11/03/21 07:03	11/05/21 17:59	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/03/21 07:03	11/05/21 17:59	1
Acetophenone	ND		5.0	0.54	ug/L		11/03/21 07:03	11/05/21 17:59	1
Anthracene	ND		5.0	0.28	ug/L		11/03/21 07:03	11/05/21 17:59	1
Atrazine	ND		5.0	0.46	ug/L		11/03/21 07:03	11/05/21 17:59	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/03/21 07:03	11/05/21 17:59	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/03/21 07:03	11/05/21 17:59	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/03/21 07:03	11/05/21 17:59	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/03/21 07:03	11/05/21 17:59	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/03/21 07:03	11/05/21 17:59	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/03/21 07:03	11/05/21 17:59	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/03/21 07:03	11/05/21 17:59	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 17:59	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/03/21 07:03	11/05/21 17:59	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/03/21 07:03	11/05/21 17:59	1
Caprolactam	ND		5.0	2.2	ug/L		11/03/21 07:03	11/05/21 17:59	1
Carbazole	ND		5.0	0.30	ug/L		11/03/21 07:03	11/05/21 17:59	1
Chrysene	ND		5.0	0.33	ug/L		11/03/21 07:03	11/05/21 17:59	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/03/21 07:03	11/05/21 17:59	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: LPZ - 11S

Lab Sample ID: 480-191735-4

Date Collected: 11/01/21 14:00

Matrix: Water

Date Received: 11/01/21 16:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/03/21 07:03	11/05/21 17:59	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/03/21 07:03	11/05/21 17:59	1
Dibenzofuran	ND		10	0.51	ug/L		11/03/21 07:03	11/05/21 17:59	1
Diethyl phthalate	0.62	J	5.0	0.22	ug/L		11/03/21 07:03	11/05/21 17:59	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/03/21 07:03	11/05/21 17:59	1
Fluoranthene	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 17:59	1
Fluorene	ND		5.0	0.36	ug/L		11/03/21 07:03	11/05/21 17:59	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/03/21 07:03	11/05/21 17:59	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/03/21 07:03	11/05/21 17:59	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/03/21 07:03	11/05/21 17:59	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/03/21 07:03	11/05/21 17:59	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/03/21 07:03	11/05/21 17:59	1
Isophorone	ND		5.0	0.43	ug/L		11/03/21 07:03	11/05/21 17:59	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/03/21 07:03	11/05/21 17:59	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/03/21 07:03	11/05/21 17:59	1
Naphthalene	ND		5.0	0.76	ug/L		11/03/21 07:03	11/05/21 17:59	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/03/21 07:03	11/05/21 17:59	1
Pentachlorophenol	ND		10	2.2	ug/L		11/03/21 07:03	11/05/21 17:59	1
Phenanthrene	ND		5.0	0.44	ug/L		11/03/21 07:03	11/05/21 17:59	1
Phenol	ND		5.0	0.39	ug/L		11/03/21 07:03	11/05/21 17:59	1
Pyrene	ND		5.0	0.34	ug/L		11/03/21 07:03	11/05/21 17:59	1
Benzoic acid	ND		150	100	ug/L		11/03/21 07:03	11/05/21 17:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	101		41 - 120	11/03/21 07:03	11/05/21 17:59	1
2-Fluorobiphenyl	112		48 - 120	11/03/21 07:03	11/05/21 17:59	1
2-Fluorophenol	79		35 - 120	11/03/21 07:03	11/05/21 17:59	1
Nitrobenzene-d5	91		46 - 120	11/03/21 07:03	11/05/21 17:59	1
p-Terphenyl-d14	82		60 - 148	11/03/21 07:03	11/05/21 17:59	1
Phenol-d5	59		22 - 120	11/03/21 07:03	11/05/21 17:59	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/04/21 09:15	11/04/21 17:54	1
4,4'-DDE	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 17:54	1
4,4'-DDT	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 17:54	1
Aldrin	ND		0.050	0.0081	ug/L		11/04/21 09:15	11/04/21 17:54	1
alpha-BHC	ND		0.050	0.0077	ug/L		11/04/21 09:15	11/04/21 17:54	1
cis-Chlordane	ND		0.050	0.015	ug/L		11/04/21 09:15	11/04/21 17:54	1
beta-BHC	ND		0.050	0.025	ug/L		11/04/21 09:15	11/04/21 17:54	1
delta-BHC	ND		0.050	0.010	ug/L		11/04/21 09:15	11/04/21 17:54	1
Dieldrin	ND		0.050	0.0098	ug/L		11/04/21 09:15	11/04/21 17:54	1
Endosulfan I	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 17:54	1
Endosulfan II	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 17:54	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		11/04/21 09:15	11/04/21 17:54	1
Endrin	ND		0.050	0.014	ug/L		11/04/21 09:15	11/04/21 17:54	1
Endrin aldehyde	ND		0.050	0.016	ug/L		11/04/21 09:15	11/04/21 17:54	1
Endrin ketone	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 17:54	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		11/04/21 09:15	11/04/21 17:54	1
trans-Chlordane	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 17:54	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: LPZ - 11S

Lab Sample ID: 480-191735-4

Date Collected: 11/01/21 14:00

Matrix: Water

Date Received: 11/01/21 16:00

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.050	0.0085	ug/L		11/04/21 09:15	11/04/21 17:54	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		11/04/21 09:15	11/04/21 17:54	1
Methoxychlor	ND		0.050	0.014	ug/L		11/04/21 09:15	11/04/21 17:54	1
Toxaphene	ND		0.50	0.12	ug/L		11/04/21 09:15	11/04/21 17:54	1
Mirex	ND		0.050	0.0096	ug/L		11/04/21 09:15	11/04/21 17:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	68		20 - 120	11/04/21 09:15	11/04/21 17:54	1
DCB Decachlorobiphenyl	60		20 - 120	11/04/21 09:15	11/04/21 17:54	1
Tetrachloro-m-xylene	81		44 - 120	11/04/21 09:15	11/04/21 17:54	1
Tetrachloro-m-xylene	84		44 - 120	11/04/21 09:15	11/04/21 17:54	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 21:09	1
PCB-1221	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 21:09	1
PCB-1232	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 21:09	1
PCB-1242	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 21:09	1
PCB-1248	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 21:09	1
PCB-1254	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 21:09	1
PCB-1260	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 21:09	1
PCB-1262	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 21:09	1
PCB-1268	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 21:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	95		39 - 121	11/02/21 14:23	11/03/21 21:09	1
Tetrachloro-m-xylene	95		39 - 121	11/02/21 14:23	11/03/21 21:09	1
DCB Decachlorobiphenyl	95		19 - 120	11/02/21 14:23	11/03/21 21:09	1
DCB Decachlorobiphenyl	64		19 - 120	11/02/21 14:23	11/03/21 21:09	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/04/21 09:20	11/08/21 14:09	1
Antimony	ND		0.020	0.0068	mg/L		11/04/21 09:20	11/08/21 14:09	1
Arsenic	ND		0.015	0.0056	mg/L		11/04/21 09:20	11/08/21 14:09	1
Barium	0.11		0.0020	0.00070	mg/L		11/04/21 09:20	11/08/21 14:09	1
Beryllium	ND		0.0020	0.00030	mg/L		11/04/21 09:20	11/08/21 14:09	1
Cadmium	0.00072	J	0.0020	0.00050	mg/L		11/04/21 09:20	11/08/21 14:09	1
Calcium	171		0.50	0.10	mg/L		11/04/21 09:20	11/08/21 14:09	1
Chromium	ND		0.0040	0.0010	mg/L		11/04/21 09:20	11/08/21 14:09	1
Cobalt	0.0018	J	0.0040	0.00063	mg/L		11/04/21 09:20	11/08/21 14:09	1
Copper	0.0018	J	0.010	0.0016	mg/L		11/04/21 09:20	11/08/21 14:09	1
Iron	0.87		0.050	0.019	mg/L		11/04/21 09:20	11/08/21 14:09	1
Lead	ND		0.010	0.0030	mg/L		11/04/21 09:20	11/08/21 14:09	1
Magnesium	71.5		0.20	0.043	mg/L		11/04/21 09:20	11/08/21 14:09	1
Manganese	0.43	B	0.0030	0.00040	mg/L		11/04/21 09:20	11/08/21 14:09	1
Nickel	0.0033	J	0.010	0.0013	mg/L		11/04/21 09:20	11/08/21 14:09	1
Potassium	9.4	B	0.50	0.10	mg/L		11/04/21 09:20	11/08/21 14:09	1
Selenium	ND		0.025	0.0087	mg/L		11/04/21 09:20	11/08/21 14:09	1
Silver	ND		0.0060	0.0017	mg/L		11/04/21 09:20	11/08/21 14:09	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: LPZ - 11S

Lab Sample ID: 480-191735-4

Date Collected: 11/01/21 14:00

Matrix: Water

Date Received: 11/01/21 16:00

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	32.9		1.0	0.32	mg/L		11/04/21 09:20	11/08/21 14:09	1
Thallium	ND		0.020	0.010	mg/L		11/04/21 09:20	11/08/21 14:09	1
Vanadium	ND		0.0050	0.0015	mg/L		11/04/21 09:20	11/08/21 14:09	1
Zinc	0.0068	J B	0.010	0.0015	mg/L		11/04/21 09:20	11/08/21 14:09	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		11/08/21 14:36	11/08/21 19:17	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: LPZ - 11S DUP

Lab Sample ID: 480-191735-5

Date Collected: 11/01/21 14:00

Matrix: Water

Date Received: 11/01/21 16:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/05/21 15:31	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/05/21 15:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/05/21 15:31	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/05/21 15:31	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/05/21 15:31	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/05/21 15:31	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/05/21 15:31	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/05/21 15:31	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/05/21 15:31	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/05/21 15:31	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/05/21 15:31	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/05/21 15:31	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/05/21 15:31	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/05/21 15:31	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/05/21 15:31	1
2-Hexanone	ND		5.0	1.2	ug/L			11/05/21 15:31	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/05/21 15:31	1
Acetone	ND		10	3.0	ug/L			11/05/21 15:31	1
Benzene	ND		1.0	0.41	ug/L			11/05/21 15:31	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/05/21 15:31	1
Bromoform	ND		1.0	0.26	ug/L			11/05/21 15:31	1
Bromomethane	ND		1.0	0.69	ug/L			11/05/21 15:31	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/05/21 15:31	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/05/21 15:31	1
Chlorobenzene	1.1		1.0	0.75	ug/L			11/05/21 15:31	1
Chloroethane	ND		1.0	0.32	ug/L			11/05/21 15:31	1
Chloroform	ND		1.0	0.34	ug/L			11/05/21 15:31	1
Chloromethane	ND		1.0	0.35	ug/L			11/05/21 15:31	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/05/21 15:31	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/05/21 15:31	1
Cyclohexane	ND		1.0	0.18	ug/L			11/05/21 15:31	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/05/21 15:31	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/05/21 15:31	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/05/21 15:31	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/05/21 15:31	1
Methyl acetate	ND		2.5	1.3	ug/L			11/05/21 15:31	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/05/21 15:31	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/05/21 15:31	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/05/21 15:31	1
Styrene	ND		1.0	0.73	ug/L			11/05/21 15:31	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/05/21 15:31	1
Toluene	ND		1.0	0.51	ug/L			11/05/21 15:31	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/05/21 15:31	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/05/21 15:31	1
Trichloroethene	ND		1.0	0.46	ug/L			11/05/21 15:31	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/05/21 15:31	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/05/21 15:31	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/05/21 15:31	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: LPZ - 11S DUP

Lab Sample ID: 480-191735-5

Date Collected: 11/01/21 14:00

Matrix: Water

Date Received: 11/01/21 16:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		11/05/21 15:31	1
4-Bromofluorobenzene (Surr)	104		73 - 120		11/05/21 15:31	1
Toluene-d8 (Surr)	101		80 - 120		11/05/21 15:31	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/03/21 07:03	11/05/21 18:26	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/03/21 07:03	11/05/21 18:26	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/03/21 07:03	11/05/21 18:26	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/03/21 07:03	11/05/21 18:26	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/03/21 07:03	11/05/21 18:26	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/03/21 07:03	11/05/21 18:26	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/03/21 07:03	11/05/21 18:26	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/03/21 07:03	11/05/21 18:26	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 18:26	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/03/21 07:03	11/05/21 18:26	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/03/21 07:03	11/05/21 18:26	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/03/21 07:03	11/05/21 18:26	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 18:26	1
2-Nitroaniline	ND		10	0.42	ug/L		11/03/21 07:03	11/05/21 18:26	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/03/21 07:03	11/05/21 18:26	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 18:26	1
3-Nitroaniline	ND		10	0.48	ug/L		11/03/21 07:03	11/05/21 18:26	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/03/21 07:03	11/05/21 18:26	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/03/21 07:03	11/05/21 18:26	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/03/21 07:03	11/05/21 18:26	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/03/21 07:03	11/05/21 18:26	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/03/21 07:03	11/05/21 18:26	1
4-Methylphenol	ND		10	0.36	ug/L		11/03/21 07:03	11/05/21 18:26	1
4-Nitroaniline	ND		10	0.25	ug/L		11/03/21 07:03	11/05/21 18:26	1
4-Nitrophenol	ND		10	1.5	ug/L		11/03/21 07:03	11/05/21 18:26	1
Acenaphthene	ND		5.0	0.41	ug/L		11/03/21 07:03	11/05/21 18:26	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/03/21 07:03	11/05/21 18:26	1
Acetophenone	ND		5.0	0.54	ug/L		11/03/21 07:03	11/05/21 18:26	1
Anthracene	ND		5.0	0.28	ug/L		11/03/21 07:03	11/05/21 18:26	1
Atrazine	ND		5.0	0.46	ug/L		11/03/21 07:03	11/05/21 18:26	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/03/21 07:03	11/05/21 18:26	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/03/21 07:03	11/05/21 18:26	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/03/21 07:03	11/05/21 18:26	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/03/21 07:03	11/05/21 18:26	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/03/21 07:03	11/05/21 18:26	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/03/21 07:03	11/05/21 18:26	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/03/21 07:03	11/05/21 18:26	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 18:26	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/03/21 07:03	11/05/21 18:26	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/03/21 07:03	11/05/21 18:26	1
Caprolactam	ND		5.0	2.2	ug/L		11/03/21 07:03	11/05/21 18:26	1
Carbazole	ND		5.0	0.30	ug/L		11/03/21 07:03	11/05/21 18:26	1
Chrysene	ND		5.0	0.33	ug/L		11/03/21 07:03	11/05/21 18:26	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/03/21 07:03	11/05/21 18:26	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: LPZ - 11S DUP

Lab Sample ID: 480-191735-5

Date Collected: 11/01/21 14:00

Matrix: Water

Date Received: 11/01/21 16:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/03/21 07:03	11/05/21 18:26	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/03/21 07:03	11/05/21 18:26	1
Dibenzofuran	ND		10	0.51	ug/L		11/03/21 07:03	11/05/21 18:26	1
Diethyl phthalate	0.62	J	5.0	0.22	ug/L		11/03/21 07:03	11/05/21 18:26	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/03/21 07:03	11/05/21 18:26	1
Fluoranthene	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 18:26	1
Fluorene	ND		5.0	0.36	ug/L		11/03/21 07:03	11/05/21 18:26	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/03/21 07:03	11/05/21 18:26	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/03/21 07:03	11/05/21 18:26	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/03/21 07:03	11/05/21 18:26	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/03/21 07:03	11/05/21 18:26	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/03/21 07:03	11/05/21 18:26	1
Isophorone	ND		5.0	0.43	ug/L		11/03/21 07:03	11/05/21 18:26	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/03/21 07:03	11/05/21 18:26	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/03/21 07:03	11/05/21 18:26	1
Naphthalene	ND		5.0	0.76	ug/L		11/03/21 07:03	11/05/21 18:26	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/03/21 07:03	11/05/21 18:26	1
Pentachlorophenol	ND		10	2.2	ug/L		11/03/21 07:03	11/05/21 18:26	1
Phenanthrene	ND		5.0	0.44	ug/L		11/03/21 07:03	11/05/21 18:26	1
Phenol	ND		5.0	0.39	ug/L		11/03/21 07:03	11/05/21 18:26	1
Pyrene	ND		5.0	0.34	ug/L		11/03/21 07:03	11/05/21 18:26	1
Benzoic acid	ND		150	100	ug/L		11/03/21 07:03	11/05/21 18:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	99		41 - 120	11/03/21 07:03	11/05/21 18:26	1
2-Fluorobiphenyl	109		48 - 120	11/03/21 07:03	11/05/21 18:26	1
2-Fluorophenol	78		35 - 120	11/03/21 07:03	11/05/21 18:26	1
Nitrobenzene-d5	90		46 - 120	11/03/21 07:03	11/05/21 18:26	1
p-Terphenyl-d14	89		60 - 148	11/03/21 07:03	11/05/21 18:26	1
Phenol-d5	59		22 - 120	11/03/21 07:03	11/05/21 18:26	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/04/21 09:15	11/04/21 18:14	1
4,4'-DDE	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 18:14	1
4,4'-DDT	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 18:14	1
Aldrin	ND		0.050	0.0081	ug/L		11/04/21 09:15	11/04/21 18:14	1
alpha-BHC	ND		0.050	0.0077	ug/L		11/04/21 09:15	11/04/21 18:14	1
cis-Chlordane	ND		0.050	0.015	ug/L		11/04/21 09:15	11/04/21 18:14	1
beta-BHC	ND		0.050	0.025	ug/L		11/04/21 09:15	11/04/21 18:14	1
delta-BHC	ND		0.050	0.010	ug/L		11/04/21 09:15	11/04/21 18:14	1
Dieldrin	ND		0.050	0.0098	ug/L		11/04/21 09:15	11/04/21 18:14	1
Endosulfan I	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 18:14	1
Endosulfan II	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 18:14	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		11/04/21 09:15	11/04/21 18:14	1
Endrin	ND		0.050	0.014	ug/L		11/04/21 09:15	11/04/21 18:14	1
Endrin aldehyde	ND		0.050	0.016	ug/L		11/04/21 09:15	11/04/21 18:14	1
Endrin ketone	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 18:14	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		11/04/21 09:15	11/04/21 18:14	1
trans-Chlordane	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 18:14	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: LPZ - 11S DUP

Lab Sample ID: 480-191735-5

Date Collected: 11/01/21 14:00

Matrix: Water

Date Received: 11/01/21 16:00

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.050	0.0085	ug/L		11/04/21 09:15	11/04/21 18:14	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		11/04/21 09:15	11/04/21 18:14	1
Methoxychlor	ND		0.050	0.014	ug/L		11/04/21 09:15	11/04/21 18:14	1
Toxaphene	ND		0.50	0.12	ug/L		11/04/21 09:15	11/04/21 18:14	1
Mirex	ND		0.050	0.0096	ug/L		11/04/21 09:15	11/04/21 18:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	69		20 - 120	11/04/21 09:15	11/04/21 18:14	1
DCB Decachlorobiphenyl	56		20 - 120	11/04/21 09:15	11/04/21 18:14	1
Tetrachloro-m-xylene	79		44 - 120	11/04/21 09:15	11/04/21 18:14	1
Tetrachloro-m-xylene	79		44 - 120	11/04/21 09:15	11/04/21 18:14	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 21:22	1
PCB-1221	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 21:22	1
PCB-1232	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 21:22	1
PCB-1242	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 21:22	1
PCB-1248	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 21:22	1
PCB-1254	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 21:22	1
PCB-1260	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 21:22	1
PCB-1262	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 21:22	1
PCB-1268	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 21:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	91		39 - 121	11/02/21 14:23	11/03/21 21:22	1
Tetrachloro-m-xylene	91		39 - 121	11/02/21 14:23	11/03/21 21:22	1
DCB Decachlorobiphenyl	92		19 - 120	11/02/21 14:23	11/03/21 21:22	1
DCB Decachlorobiphenyl	54		19 - 120	11/02/21 14:23	11/03/21 21:22	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/04/21 09:20	11/08/21 14:12	1
Antimony	ND		0.020	0.0068	mg/L		11/04/21 09:20	11/08/21 14:12	1
Arsenic	ND		0.015	0.0056	mg/L		11/04/21 09:20	11/08/21 14:12	1
Barium	0.10		0.0020	0.00070	mg/L		11/04/21 09:20	11/08/21 14:12	1
Beryllium	ND		0.0020	0.00030	mg/L		11/04/21 09:20	11/08/21 14:12	1
Cadmium	0.00076 J		0.0020	0.00050	mg/L		11/04/21 09:20	11/08/21 14:12	1
Calcium	169		0.50	0.10	mg/L		11/04/21 09:20	11/08/21 14:12	1
Chromium	ND		0.0040	0.0010	mg/L		11/04/21 09:20	11/08/21 14:12	1
Cobalt	0.0016 J		0.0040	0.00063	mg/L		11/04/21 09:20	11/08/21 14:12	1
Copper	0.0016 J		0.010	0.0016	mg/L		11/04/21 09:20	11/08/21 14:12	1
Iron	0.52		0.050	0.019	mg/L		11/04/21 09:20	11/08/21 14:12	1
Lead	ND		0.010	0.0030	mg/L		11/04/21 09:20	11/08/21 14:12	1
Magnesium	71.6		0.20	0.043	mg/L		11/04/21 09:20	11/08/21 14:12	1
Manganese	0.42 B		0.0030	0.00040	mg/L		11/04/21 09:20	11/08/21 14:12	1
Nickel	0.0029 J		0.010	0.0013	mg/L		11/04/21 09:20	11/08/21 14:12	1
Potassium	9.2 B		0.50	0.10	mg/L		11/04/21 09:20	11/08/21 14:12	1
Selenium	ND		0.025	0.0087	mg/L		11/04/21 09:20	11/08/21 14:12	1
Silver	ND		0.0060	0.0017	mg/L		11/04/21 09:20	11/08/21 14:12	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: LPZ - 11S DUP

Lab Sample ID: 480-191735-5

Date Collected: 11/01/21 14:00

Matrix: Water

Date Received: 11/01/21 16:00

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	31.0		1.0	0.32	mg/L		11/04/21 09:20	11/08/21 14:12	1
Thallium	ND		0.020	0.010	mg/L		11/04/21 09:20	11/08/21 14:12	1
Vanadium	ND		0.0050	0.0015	mg/L		11/04/21 09:20	11/08/21 14:12	1
Zinc	0.0093	J B	0.010	0.0015	mg/L		11/04/21 09:20	11/08/21 14:12	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		11/08/21 14:36	11/08/21 19:19	1

Well LPZ-12S

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191984-1

Client Sample ID: LPZ-12S

Lab Sample ID: 480-191984-1

Date Collected: 11/05/21 10:00

Matrix: Water

Date Received: 11/05/21 11:50

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			11/09/21 07:30	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			11/09/21 07:30	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			11/09/21 07:30	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			11/09/21 07:30	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			11/09/21 07:30	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			11/09/21 07:30	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			11/09/21 07:30	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			11/09/21 07:30	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			11/09/21 07:30	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			11/09/21 07:30	4
1,2-Dichloroethane	ND	+	4.0	0.84	ug/L			11/09/21 07:30	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			11/09/21 07:30	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			11/09/21 07:30	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			11/09/21 07:30	4
2-Butanone (MEK)	ND		40	5.3	ug/L			11/09/21 07:30	4
2-Hexanone	ND		20	5.0	ug/L			11/09/21 07:30	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			11/09/21 07:30	4
Acetone	ND		40	12	ug/L			11/09/21 07:30	4
Benzene	ND		4.0	1.6	ug/L			11/09/21 07:30	4
Bromodichloromethane	ND		4.0	1.6	ug/L			11/09/21 07:30	4
Bromoform	ND		4.0	1.0	ug/L			11/09/21 07:30	4
Bromomethane	ND	+	4.0	2.8	ug/L			11/09/21 07:30	4
Carbon disulfide	ND		4.0	0.76	ug/L			11/09/21 07:30	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			11/09/21 07:30	4
Chlorobenzene	ND		4.0	3.0	ug/L			11/09/21 07:30	4
Chloroethane	ND	+	4.0	1.3	ug/L			11/09/21 07:30	4
Chloroform	ND		4.0	1.4	ug/L			11/09/21 07:30	4
Chloromethane	ND		4.0	1.4	ug/L			11/09/21 07:30	4
cis-1,2-Dichloroethene	ND		4.0	3.2	ug/L			11/09/21 07:30	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			11/09/21 07:30	4
Cyclohexane	ND		4.0	0.72	ug/L			11/09/21 07:30	4
Dibromochloromethane	ND		4.0	1.3	ug/L			11/09/21 07:30	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			11/09/21 07:30	4
Ethylbenzene	ND		4.0	3.0	ug/L			11/09/21 07:30	4
Isopropylbenzene	ND		4.0	3.2	ug/L			11/09/21 07:30	4
Methyl acetate	ND		10	5.2	ug/L			11/09/21 07:30	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			11/09/21 07:30	4
Methylcyclohexane	ND		4.0	0.64	ug/L			11/09/21 07:30	4
Methylene Chloride	ND		4.0	1.8	ug/L			11/09/21 07:30	4
Styrene	ND		4.0	2.9	ug/L			11/09/21 07:30	4
Tetrachloroethene	ND		4.0	1.4	ug/L			11/09/21 07:30	4
Toluene	ND		4.0	2.0	ug/L			11/09/21 07:30	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			11/09/21 07:30	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			11/09/21 07:30	4
Trichloroethene	ND		4.0	1.8	ug/L			11/09/21 07:30	4
Trichlorofluoromethane	ND	+	4.0	3.5	ug/L			11/09/21 07:30	4
Vinyl chloride	ND		4.0	3.6	ug/L			11/09/21 07:30	4
Xylenes, Total	ND		8.0	2.6	ug/L			11/09/21 07:30	4

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191984-1

Client Sample ID: LPZ-12S

Lab Sample ID: 480-191984-1

Date Collected: 11/05/21 10:00

Matrix: Water

Date Received: 11/05/21 11:50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	172	S1+	77 - 120		11/09/21 07:30	4
4-Bromofluorobenzene (Surr)	167	S1+	73 - 120		11/09/21 07:30	4
Toluene-d8 (Surr)	146	S1+	80 - 120		11/09/21 07:30	4

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/08/21 14:41	11/13/21 08:14	1
bis (2-chloroisopropyl) ether	ND	*1	5.0	0.52	ug/L		11/08/21 14:41	11/13/21 08:14	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/08/21 14:41	11/13/21 08:14	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/08/21 14:41	11/13/21 08:14	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/08/21 14:41	11/13/21 08:14	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/08/21 14:41	11/13/21 08:14	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/08/21 14:41	11/13/21 08:14	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/08/21 14:41	11/13/21 08:14	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/08/21 14:41	11/13/21 08:14	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/08/21 14:41	11/13/21 08:14	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/08/21 14:41	11/13/21 08:14	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/08/21 14:41	11/13/21 08:14	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/08/21 14:41	11/13/21 08:14	1
2-Nitroaniline	ND		10	0.42	ug/L		11/08/21 14:41	11/13/21 08:14	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/08/21 14:41	11/13/21 08:14	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/08/21 14:41	11/13/21 08:14	1
3-Nitroaniline	ND		10	0.48	ug/L		11/08/21 14:41	11/13/21 08:14	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/08/21 14:41	11/13/21 08:14	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/08/21 14:41	11/13/21 08:14	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/08/21 14:41	11/13/21 08:14	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/08/21 14:41	11/13/21 08:14	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/08/21 14:41	11/13/21 08:14	1
4-Methylphenol	ND		10	0.36	ug/L		11/08/21 14:41	11/13/21 08:14	1
4-Nitroaniline	ND		10	0.25	ug/L		11/08/21 14:41	11/13/21 08:14	1
4-Nitrophenol	ND		10	1.5	ug/L		11/08/21 14:41	11/13/21 08:14	1
Acenaphthene	ND		5.0	0.41	ug/L		11/08/21 14:41	11/13/21 08:14	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/08/21 14:41	11/13/21 08:14	1
Acetophenone	ND		5.0	0.54	ug/L		11/08/21 14:41	11/13/21 08:14	1
Anthracene	ND		5.0	0.28	ug/L		11/08/21 14:41	11/13/21 08:14	1
Atrazine	ND		5.0	0.46	ug/L		11/08/21 14:41	11/13/21 08:14	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/08/21 14:41	11/13/21 08:14	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/08/21 14:41	11/13/21 08:14	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/08/21 14:41	11/13/21 08:14	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/08/21 14:41	11/13/21 08:14	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/08/21 14:41	11/13/21 08:14	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/08/21 14:41	11/13/21 08:14	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/08/21 14:41	11/13/21 08:14	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/08/21 14:41	11/13/21 08:14	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/08/21 14:41	11/13/21 08:14	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/08/21 14:41	11/13/21 08:14	1
Caprolactam	ND		5.0	2.2	ug/L		11/08/21 14:41	11/13/21 08:14	1
Carbazole	ND		5.0	0.30	ug/L		11/08/21 14:41	11/13/21 08:14	1
Chrysene	ND		5.0	0.33	ug/L		11/08/21 14:41	11/13/21 08:14	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/08/21 14:41	11/13/21 08:14	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191984-1

Client Sample ID: LPZ-12S

Lab Sample ID: 480-191984-1

Date Collected: 11/05/21 10:00

Matrix: Water

Date Received: 11/05/21 11:50

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/08/21 14:41	11/13/21 08:14	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/08/21 14:41	11/13/21 08:14	1
Dibenzofuran	ND		10	0.51	ug/L		11/08/21 14:41	11/13/21 08:14	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/08/21 14:41	11/13/21 08:14	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/08/21 14:41	11/13/21 08:14	1
Fluoranthene	ND		5.0	0.40	ug/L		11/08/21 14:41	11/13/21 08:14	1
Fluorene	ND		5.0	0.36	ug/L		11/08/21 14:41	11/13/21 08:14	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/08/21 14:41	11/13/21 08:14	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/08/21 14:41	11/13/21 08:14	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/08/21 14:41	11/13/21 08:14	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/08/21 14:41	11/13/21 08:14	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/08/21 14:41	11/13/21 08:14	1
Isophorone	ND		5.0	0.43	ug/L		11/08/21 14:41	11/13/21 08:14	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/08/21 14:41	11/13/21 08:14	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/08/21 14:41	11/13/21 08:14	1
Naphthalene	ND		5.0	0.76	ug/L		11/08/21 14:41	11/13/21 08:14	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/08/21 14:41	11/13/21 08:14	1
Pentachlorophenol	ND		10	2.2	ug/L		11/08/21 14:41	11/13/21 08:14	1
Phenanthrene	ND		5.0	0.44	ug/L		11/08/21 14:41	11/13/21 08:14	1
Phenol	ND		5.0	0.39	ug/L		11/08/21 14:41	11/13/21 08:14	1
Pyrene	ND		5.0	0.34	ug/L		11/08/21 14:41	11/13/21 08:14	1
Benzoic acid	ND		150	100	ug/L		11/08/21 14:41	11/13/21 08:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	100		41 - 120	11/08/21 14:41	11/13/21 08:14	1
2-Fluorobiphenyl	86		48 - 120	11/08/21 14:41	11/13/21 08:14	1
2-Fluorophenol	64		35 - 120	11/08/21 14:41	11/13/21 08:14	1
Nitrobenzene-d5	76		46 - 120	11/08/21 14:41	11/13/21 08:14	1
p-Terphenyl-d14	88		60 - 148	11/08/21 14:41	11/13/21 08:14	1
Phenol-d5	49		22 - 120	11/08/21 14:41	11/13/21 08:14	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/08/21 15:15	11/09/21 14:18	1
4,4'-DDE	ND		0.050	0.012	ug/L		11/08/21 15:15	11/09/21 14:18	1
4,4'-DDT	ND		0.050	0.011	ug/L		11/08/21 15:15	11/09/21 14:18	1
Aldrin	ND		0.050	0.0081	ug/L		11/08/21 15:15	11/09/21 14:18	1
alpha-BHC	ND		0.050	0.0077	ug/L		11/08/21 15:15	11/09/21 14:18	1
cis-Chlordane	ND		0.050	0.015	ug/L		11/08/21 15:15	11/09/21 14:18	1
beta-BHC	ND		0.050	0.025	ug/L		11/08/21 15:15	11/09/21 14:18	1
delta-BHC	ND		0.050	0.010	ug/L		11/08/21 15:15	11/09/21 14:18	1
Dieldrin	ND		0.050	0.0098	ug/L		11/08/21 15:15	11/09/21 14:18	1
Endosulfan I	ND		0.050	0.011	ug/L		11/08/21 15:15	11/09/21 14:18	1
Endosulfan II	0.013	J	0.050	0.012	ug/L		11/08/21 15:15	11/09/21 14:18	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		11/08/21 15:15	11/09/21 14:18	1
Endrin	ND		0.050	0.014	ug/L		11/08/21 15:15	11/09/21 14:18	1
Endrin aldehyde	ND		0.050	0.016	ug/L		11/08/21 15:15	11/09/21 14:18	1
Endrin ketone	ND		0.050	0.012	ug/L		11/08/21 15:15	11/09/21 14:18	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		11/08/21 15:15	11/09/21 14:18	1
trans-Chlordane	ND		0.050	0.011	ug/L		11/08/21 15:15	11/09/21 14:18	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191984-1

Client Sample ID: LPZ-12S

Lab Sample ID: 480-191984-1

Date Collected: 11/05/21 10:00

Matrix: Water

Date Received: 11/05/21 11:50

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.050	0.0085	ug/L		11/08/21 15:15	11/09/21 14:18	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		11/08/21 15:15	11/09/21 14:18	1
Methoxychlor	ND		0.050	0.014	ug/L		11/08/21 15:15	11/09/21 14:18	1
Toxaphene	ND		0.50	0.12	ug/L		11/08/21 15:15	11/09/21 14:18	1
Mirex	ND		0.050	0.0096	ug/L		11/08/21 15:15	11/09/21 14:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	90		20 - 120	11/08/21 15:15	11/09/21 14:18	1
DCB Decachlorobiphenyl	81		20 - 120	11/08/21 15:15	11/09/21 14:18	1
Tetrachloro-m-xylene	63		44 - 120	11/08/21 15:15	11/09/21 14:18	1
Tetrachloro-m-xylene	73		44 - 120	11/08/21 15:15	11/09/21 14:18	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/10/21 14:19	11/11/21 23:34	1
PCB-1221	ND		0.50	0.18	ug/L		11/10/21 14:19	11/11/21 23:34	1
PCB-1232	ND		0.50	0.18	ug/L		11/10/21 14:19	11/11/21 23:34	1
PCB-1242	ND		0.50	0.18	ug/L		11/10/21 14:19	11/11/21 23:34	1
PCB-1248	ND		0.50	0.18	ug/L		11/10/21 14:19	11/11/21 23:34	1
PCB-1254	ND		0.50	0.25	ug/L		11/10/21 14:19	11/11/21 23:34	1
PCB-1260	ND		0.50	0.25	ug/L		11/10/21 14:19	11/11/21 23:34	1
PCB-1262	ND		0.50	0.25	ug/L		11/10/21 14:19	11/11/21 23:34	1
PCB-1268	ND		0.50	0.25	ug/L		11/10/21 14:19	11/11/21 23:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	79		39 - 121	11/10/21 14:19	11/11/21 23:34	1
Tetrachloro-m-xylene	88		39 - 121	11/10/21 14:19	11/11/21 23:34	1
DCB Decachlorobiphenyl	51		19 - 120	11/10/21 14:19	11/11/21 23:34	1
DCB Decachlorobiphenyl	54		19 - 120	11/10/21 14:19	11/11/21 23:34	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.14	J	0.20	0.060	mg/L		11/09/21 09:26	11/10/21 21:41	1
Antimony	ND		0.020	0.0068	mg/L		11/09/21 09:26	11/10/21 21:41	1
Arsenic	0.017		0.015	0.0056	mg/L		11/09/21 09:26	11/10/21 21:41	1
Barium	0.18		0.0020	0.00070	mg/L		11/09/21 09:26	11/10/21 21:41	1
Beryllium	ND		0.0020	0.00030	mg/L		11/09/21 09:26	11/10/21 21:41	1
Cadmium	0.00071	J	0.0020	0.00050	mg/L		11/09/21 09:26	11/10/21 21:41	1
Calcium	120		0.50	0.10	mg/L		11/09/21 09:26	11/10/21 21:41	1
Chromium	ND		0.0040	0.0010	mg/L		11/09/21 09:26	11/10/21 21:41	1
Cobalt	ND		0.0040	0.00063	mg/L		11/09/21 09:26	11/10/21 21:41	1
Copper	ND		0.010	0.0016	mg/L		11/09/21 09:26	11/10/21 21:41	1
Iron	3.9		0.050	0.019	mg/L		11/09/21 09:26	11/10/21 21:41	1
Lead	0.0053	J	0.010	0.0030	mg/L		11/09/21 09:26	11/10/21 21:41	1
Magnesium	33.7		0.20	0.043	mg/L		11/09/21 09:26	11/10/21 21:41	1
Manganese	0.22		0.0030	0.00040	mg/L		11/09/21 09:26	11/10/21 21:41	1
Nickel	ND		0.010	0.0013	mg/L		11/09/21 09:26	11/10/21 21:41	1
Potassium	6.8		0.50	0.10	mg/L		11/09/21 09:26	11/10/21 21:41	1
Selenium	ND		0.025	0.0087	mg/L		11/09/21 09:26	11/10/21 21:41	1
Silver	ND		0.0060	0.0017	mg/L		11/09/21 09:26	11/10/21 21:41	1

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Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191984-1

Client Sample ID: LPZ-12S

Lab Sample ID: 480-191984-1

Date Collected: 11/05/21 10:00

Matrix: Water

Date Received: 11/05/21 11:50

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	13.2		1.0	0.32	mg/L		11/09/21 09:26	11/10/21 21:41	1
Thallium	ND		0.020	0.010	mg/L		11/09/21 09:26	11/10/21 21:41	1
Vanadium	0.0021	J	0.0050	0.0015	mg/L		11/09/21 09:26	11/10/21 21:41	1
Zinc	0.0073	J	0.010	0.0015	mg/L		11/09/21 09:26	11/10/21 21:41	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		11/09/21 13:30	11/09/21 18:25	1

Well LPZ-14S

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-192046-1

Client Sample ID: LPZ-14S

Lab Sample ID: 480-192046-1

Date Collected: 11/08/21 09:00

Matrix: Water

Date Received: 11/08/21 11:45

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			11/13/21 15:07	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			11/13/21 15:07	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			11/13/21 15:07	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			11/13/21 15:07	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			11/13/21 15:07	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			11/13/21 15:07	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			11/13/21 15:07	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			11/13/21 15:07	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			11/13/21 15:07	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			11/13/21 15:07	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			11/13/21 15:07	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			11/13/21 15:07	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			11/13/21 15:07	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			11/13/21 15:07	2
2-Butanone (MEK)	ND		20	2.6	ug/L			11/13/21 15:07	2
2-Hexanone	ND		10	2.5	ug/L			11/13/21 15:07	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			11/13/21 15:07	2
Acetone	ND		20	6.0	ug/L			11/13/21 15:07	2
Benzene	ND		2.0	0.82	ug/L			11/13/21 15:07	2
Bromodichloromethane	ND		2.0	0.78	ug/L			11/13/21 15:07	2
Bromoform	ND		2.0	0.52	ug/L			11/13/21 15:07	2
Bromomethane	ND		2.0	1.4	ug/L			11/13/21 15:07	2
Carbon disulfide	ND		2.0	0.38	ug/L			11/13/21 15:07	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			11/13/21 15:07	2
Chlorobenzene	ND		2.0	1.5	ug/L			11/13/21 15:07	2
Chloroethane	ND		2.0	0.64	ug/L			11/13/21 15:07	2
Chloroform	ND		2.0	0.68	ug/L			11/13/21 15:07	2
Chloromethane	ND		2.0	0.70	ug/L			11/13/21 15:07	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			11/13/21 15:07	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			11/13/21 15:07	2
Cyclohexane	ND		2.0	0.36	ug/L			11/13/21 15:07	2
Dibromochloromethane	ND		2.0	0.64	ug/L			11/13/21 15:07	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			11/13/21 15:07	2
Ethylbenzene	ND		2.0	1.5	ug/L			11/13/21 15:07	2
Isopropylbenzene	ND		2.0	1.6	ug/L			11/13/21 15:07	2
Methyl acetate	ND		5.0	2.6	ug/L			11/13/21 15:07	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			11/13/21 15:07	2
Methylcyclohexane	ND		2.0	0.32	ug/L			11/13/21 15:07	2
Methylene Chloride	ND		2.0	0.88	ug/L			11/13/21 15:07	2
Styrene	ND		2.0	1.5	ug/L			11/13/21 15:07	2
Tetrachloroethene	ND		2.0	0.72	ug/L			11/13/21 15:07	2
Toluene	ND		2.0	1.0	ug/L			11/13/21 15:07	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			11/13/21 15:07	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			11/13/21 15:07	2
Trichloroethene	ND		2.0	0.92	ug/L			11/13/21 15:07	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			11/13/21 15:07	2
Vinyl chloride	ND		2.0	1.8	ug/L			11/13/21 15:07	2
Xylenes, Total	ND		4.0	1.3	ug/L			11/13/21 15:07	2

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-192046-1

Client Sample ID: LPZ-14S

Lab Sample ID: 480-192046-1

Date Collected: 11/08/21 09:00

Matrix: Water

Date Received: 11/08/21 11:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		11/13/21 15:07	2
4-Bromofluorobenzene (Surr)	100		73 - 120		11/13/21 15:07	2
Toluene-d8 (Surr)	101		80 - 120		11/13/21 15:07	2

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/10/21 15:14	11/13/21 04:54	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/10/21 15:14	11/13/21 04:54	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/10/21 15:14	11/13/21 04:54	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/10/21 15:14	11/13/21 04:54	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/10/21 15:14	11/13/21 04:54	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/10/21 15:14	11/13/21 04:54	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/10/21 15:14	11/13/21 04:54	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/10/21 15:14	11/13/21 04:54	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/10/21 15:14	11/13/21 04:54	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/10/21 15:14	11/13/21 04:54	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/10/21 15:14	11/13/21 04:54	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/10/21 15:14	11/13/21 04:54	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/10/21 15:14	11/13/21 04:54	1
2-Nitroaniline	ND		10	0.42	ug/L		11/10/21 15:14	11/13/21 04:54	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/10/21 15:14	11/13/21 04:54	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/10/21 15:14	11/13/21 04:54	1
3-Nitroaniline	ND		10	0.48	ug/L		11/10/21 15:14	11/13/21 04:54	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/10/21 15:14	11/13/21 04:54	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/10/21 15:14	11/13/21 04:54	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/10/21 15:14	11/13/21 04:54	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/10/21 15:14	11/13/21 04:54	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/10/21 15:14	11/13/21 04:54	1
4-Methylphenol	ND		10	0.36	ug/L		11/10/21 15:14	11/13/21 04:54	1
4-Nitroaniline	ND		10	0.25	ug/L		11/10/21 15:14	11/13/21 04:54	1
4-Nitrophenol	ND		10	1.5	ug/L		11/10/21 15:14	11/13/21 04:54	1
Acenaphthene	ND		5.0	0.41	ug/L		11/10/21 15:14	11/13/21 04:54	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/10/21 15:14	11/13/21 04:54	1
Acetophenone	ND		5.0	0.54	ug/L		11/10/21 15:14	11/13/21 04:54	1
Anthracene	ND		5.0	0.28	ug/L		11/10/21 15:14	11/13/21 04:54	1
Atrazine	ND		5.0	0.46	ug/L		11/10/21 15:14	11/13/21 04:54	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/10/21 15:14	11/13/21 04:54	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/10/21 15:14	11/13/21 04:54	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/10/21 15:14	11/13/21 04:54	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/10/21 15:14	11/13/21 04:54	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/10/21 15:14	11/13/21 04:54	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/10/21 15:14	11/13/21 04:54	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/10/21 15:14	11/13/21 04:54	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/10/21 15:14	11/13/21 04:54	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/10/21 15:14	11/13/21 04:54	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/10/21 15:14	11/13/21 04:54	1
Caprolactam	ND		5.0	2.2	ug/L		11/10/21 15:14	11/13/21 04:54	1
Carbazole	ND		5.0	0.30	ug/L		11/10/21 15:14	11/13/21 04:54	1
Chrysene	ND		5.0	0.33	ug/L		11/10/21 15:14	11/13/21 04:54	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/10/21 15:14	11/13/21 04:54	1

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Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-192046-1

Client Sample ID: LPZ-14S

Lab Sample ID: 480-192046-1

Date Collected: 11/08/21 09:00

Matrix: Water

Date Received: 11/08/21 11:45

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/10/21 15:14	11/13/21 04:54	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/10/21 15:14	11/13/21 04:54	1
Dibenzofuran	ND		10	0.51	ug/L		11/10/21 15:14	11/13/21 04:54	1
Diethyl phthalate	1.2	J	5.0	0.22	ug/L		11/10/21 15:14	11/13/21 04:54	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/10/21 15:14	11/13/21 04:54	1
Fluoranthene	ND		5.0	0.40	ug/L		11/10/21 15:14	11/13/21 04:54	1
Fluorene	ND		5.0	0.36	ug/L		11/10/21 15:14	11/13/21 04:54	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/10/21 15:14	11/13/21 04:54	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/10/21 15:14	11/13/21 04:54	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/10/21 15:14	11/13/21 04:54	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/10/21 15:14	11/13/21 04:54	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/10/21 15:14	11/13/21 04:54	1
Isophorone	ND		5.0	0.43	ug/L		11/10/21 15:14	11/13/21 04:54	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/10/21 15:14	11/13/21 04:54	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/10/21 15:14	11/13/21 04:54	1
Naphthalene	ND		5.0	0.76	ug/L		11/10/21 15:14	11/13/21 04:54	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/10/21 15:14	11/13/21 04:54	1
Pentachlorophenol	ND		10	2.2	ug/L		11/10/21 15:14	11/13/21 04:54	1
Phenanthrene	ND		5.0	0.44	ug/L		11/10/21 15:14	11/13/21 04:54	1
Phenol	ND		5.0	0.39	ug/L		11/10/21 15:14	11/13/21 04:54	1
Pyrene	ND		5.0	0.34	ug/L		11/10/21 15:14	11/13/21 04:54	1
Benzoic acid	ND		150	100	ug/L		11/10/21 15:14	11/13/21 04:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	113		41 - 120	11/10/21 15:14	11/13/21 04:54	1
2-Fluorobiphenyl	112		48 - 120	11/10/21 15:14	11/13/21 04:54	1
2-Fluorophenol	84		35 - 120	11/10/21 15:14	11/13/21 04:54	1
Nitrobenzene-d5	99		46 - 120	11/10/21 15:14	11/13/21 04:54	1
p-Terphenyl-d14	73		60 - 148	11/10/21 15:14	11/13/21 04:54	1
Phenol-d5	61		22 - 120	11/10/21 15:14	11/13/21 04:54	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/11/21 09:18	11/12/21 13:20	1
4,4'-DDE	ND		0.050	0.012	ug/L		11/11/21 09:18	11/12/21 13:20	1
4,4'-DDT	ND		0.050	0.011	ug/L		11/11/21 09:18	11/12/21 13:20	1
Aldrin	ND		0.050	0.0081	ug/L		11/11/21 09:18	11/12/21 13:20	1
alpha-BHC	ND		0.050	0.0077	ug/L		11/11/21 09:18	11/12/21 13:20	1
cis-Chlordane	ND		0.050	0.015	ug/L		11/11/21 09:18	11/12/21 13:20	1
beta-BHC	ND		0.050	0.025	ug/L		11/11/21 09:18	11/12/21 13:20	1
delta-BHC	ND		0.050	0.010	ug/L		11/11/21 09:18	11/12/21 13:20	1
Dieldrin	ND		0.050	0.0098	ug/L		11/11/21 09:18	11/12/21 13:20	1
Endosulfan I	ND		0.050	0.011	ug/L		11/11/21 09:18	11/12/21 13:20	1
Endosulfan II	ND		0.050	0.012	ug/L		11/11/21 09:18	11/12/21 13:20	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		11/11/21 09:18	11/12/21 13:20	1
Endrin	ND		0.050	0.014	ug/L		11/11/21 09:18	11/12/21 13:20	1
Endrin aldehyde	ND		0.050	0.016	ug/L		11/11/21 09:18	11/12/21 13:20	1
Endrin ketone	0.031	J	0.050	0.012	ug/L		11/11/21 09:18	11/12/21 13:20	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		11/11/21 09:18	11/12/21 13:20	1
trans-Chlordane	ND		0.050	0.011	ug/L		11/11/21 09:18	11/12/21 13:20	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-192046-1

Client Sample ID: LPZ-14S

Lab Sample ID: 480-192046-1

Date Collected: 11/08/21 09:00

Matrix: Water

Date Received: 11/08/21 11:45

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.050	0.0085	ug/L		11/11/21 09:18	11/12/21 13:20	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		11/11/21 09:18	11/12/21 13:20	1
Methoxychlor	ND		0.050	0.014	ug/L		11/11/21 09:18	11/12/21 13:20	1
Toxaphene	ND		0.50	0.12	ug/L		11/11/21 09:18	11/12/21 13:20	1
Mirex	ND		0.050	0.0096	ug/L		11/11/21 09:18	11/12/21 13:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	77		20 - 120	11/11/21 09:18	11/12/21 13:20	1
DCB Decachlorobiphenyl	73		20 - 120	11/11/21 09:18	11/12/21 13:20	1
Tetrachloro-m-xylene	85		44 - 120	11/11/21 09:18	11/12/21 13:20	1
Tetrachloro-m-xylene	107		44 - 120	11/11/21 09:18	11/12/21 13:20	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/10/21 14:19	11/12/21 02:08	1
PCB-1221	ND		0.50	0.18	ug/L		11/10/21 14:19	11/12/21 02:08	1
PCB-1232	ND		0.50	0.18	ug/L		11/10/21 14:19	11/12/21 02:08	1
PCB-1242	ND		0.50	0.18	ug/L		11/10/21 14:19	11/12/21 02:08	1
PCB-1248	ND		0.50	0.18	ug/L		11/10/21 14:19	11/12/21 02:08	1
PCB-1254	ND		0.50	0.25	ug/L		11/10/21 14:19	11/12/21 02:08	1
PCB-1260	ND		0.50	0.25	ug/L		11/10/21 14:19	11/12/21 02:08	1
PCB-1262	ND		0.50	0.25	ug/L		11/10/21 14:19	11/12/21 02:08	1
PCB-1268	ND		0.50	0.25	ug/L		11/10/21 14:19	11/12/21 02:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	80		39 - 121	11/10/21 14:19	11/12/21 02:08	1
Tetrachloro-m-xylene	91		39 - 121	11/10/21 14:19	11/12/21 02:08	1
DCB Decachlorobiphenyl	54		19 - 120	11/10/21 14:19	11/12/21 02:08	1
DCB Decachlorobiphenyl	55		19 - 120	11/10/21 14:19	11/12/21 02:08	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/10/21 14:06	11/11/21 22:36	1
Antimony	ND		0.020	0.0068	mg/L		11/10/21 14:06	11/11/21 22:36	1
Arsenic	ND		0.015	0.0056	mg/L		11/10/21 14:06	11/11/21 22:36	1
Barium	0.37		0.0020	0.00070	mg/L		11/10/21 14:06	11/11/21 22:36	1
Beryllium	ND		0.0020	0.00030	mg/L		11/10/21 14:06	11/11/21 22:36	1
Cadmium	ND		0.0020	0.00050	mg/L		11/10/21 14:06	11/12/21 11:19	1
Calcium	181		0.50	0.10	mg/L		11/10/21 14:06	11/11/21 22:36	1
Chromium	ND		0.0040	0.0010	mg/L		11/10/21 14:06	11/11/21 22:36	1
Cobalt	0.0040		0.0040	0.00063	mg/L		11/10/21 14:06	11/11/21 22:36	1
Copper	0.0020	J	0.010	0.0016	mg/L		11/10/21 14:06	11/11/21 22:36	1
Iron	12.6		0.050	0.019	mg/L		11/10/21 14:06	11/11/21 22:36	1
Lead	ND		0.010	0.0030	mg/L		11/10/21 14:06	11/11/21 22:36	1
Magnesium	60.5		0.20	0.043	mg/L		11/10/21 14:06	11/11/21 22:36	1
Manganese	0.45		0.0030	0.00040	mg/L		11/10/21 14:06	11/11/21 22:36	1
Nickel	0.0048	J	0.010	0.0013	mg/L		11/10/21 14:06	11/11/21 22:36	1
Potassium	7.6		0.50	0.10	mg/L		11/10/21 14:06	11/11/21 22:36	1
Selenium	ND		0.025	0.0087	mg/L		11/10/21 14:06	11/11/21 22:36	1
Silver	ND		0.0060	0.0017	mg/L		11/10/21 14:06	11/11/21 22:36	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-192046-1

Client Sample ID: LPZ-14S

Lab Sample ID: 480-192046-1

Date Collected: 11/08/21 09:00

Matrix: Water

Date Received: 11/08/21 11:45

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	24.4		1.0	0.32	mg/L		11/10/21 14:06	11/11/21 22:36	1
Thallium	ND		0.020	0.010	mg/L		11/10/21 14:06	11/11/21 22:36	1
Vanadium	ND		0.0050	0.0015	mg/L		11/10/21 14:06	11/11/21 22:36	1
Zinc	0.0096	J	0.010	0.0015	mg/L		11/10/21 14:06	11/11/21 22:36	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		11/11/21 13:10	11/11/21 16:37	1

Well LPZ-15S

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-192046-1

Client Sample ID: LPZ-15S

Lab Sample ID: 480-192046-2

Date Collected: 11/08/21 10:10

Matrix: Water

Date Received: 11/08/21 11:45

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			11/13/21 15:29	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			11/13/21 15:29	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			11/13/21 15:29	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			11/13/21 15:29	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			11/13/21 15:29	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			11/13/21 15:29	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			11/13/21 15:29	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			11/13/21 15:29	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			11/13/21 15:29	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			11/13/21 15:29	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			11/13/21 15:29	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			11/13/21 15:29	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			11/13/21 15:29	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			11/13/21 15:29	2
2-Butanone (MEK)	ND		20	2.6	ug/L			11/13/21 15:29	2
2-Hexanone	ND		10	2.5	ug/L			11/13/21 15:29	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			11/13/21 15:29	2
Acetone	ND		20	6.0	ug/L			11/13/21 15:29	2
Benzene	ND		2.0	0.82	ug/L			11/13/21 15:29	2
Bromodichloromethane	ND		2.0	0.78	ug/L			11/13/21 15:29	2
Bromoform	ND		2.0	0.52	ug/L			11/13/21 15:29	2
Bromomethane	ND		2.0	1.4	ug/L			11/13/21 15:29	2
Carbon disulfide	ND		2.0	0.38	ug/L			11/13/21 15:29	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			11/13/21 15:29	2
Chlorobenzene	6.5		2.0	1.5	ug/L			11/13/21 15:29	2
Chloroethane	ND		2.0	0.64	ug/L			11/13/21 15:29	2
Chloroform	ND		2.0	0.68	ug/L			11/13/21 15:29	2
Chloromethane	ND		2.0	0.70	ug/L			11/13/21 15:29	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			11/13/21 15:29	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			11/13/21 15:29	2
Cyclohexane	ND		2.0	0.36	ug/L			11/13/21 15:29	2
Dibromochloromethane	ND		2.0	0.64	ug/L			11/13/21 15:29	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			11/13/21 15:29	2
Ethylbenzene	ND		2.0	1.5	ug/L			11/13/21 15:29	2
Isopropylbenzene	ND		2.0	1.6	ug/L			11/13/21 15:29	2
Methyl acetate	ND		5.0	2.6	ug/L			11/13/21 15:29	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			11/13/21 15:29	2
Methylcyclohexane	ND		2.0	0.32	ug/L			11/13/21 15:29	2
Methylene Chloride	ND		2.0	0.88	ug/L			11/13/21 15:29	2
Styrene	ND		2.0	1.5	ug/L			11/13/21 15:29	2
Tetrachloroethene	ND		2.0	0.72	ug/L			11/13/21 15:29	2
Toluene	ND		2.0	1.0	ug/L			11/13/21 15:29	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			11/13/21 15:29	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			11/13/21 15:29	2
Trichloroethene	ND		2.0	0.92	ug/L			11/13/21 15:29	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			11/13/21 15:29	2
Vinyl chloride	ND		2.0	1.8	ug/L			11/13/21 15:29	2
Xylenes, Total	ND		4.0	1.3	ug/L			11/13/21 15:29	2

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-192046-1

Client Sample ID: LPZ-15S

Lab Sample ID: 480-192046-2

Date Collected: 11/08/21 10:10

Matrix: Water

Date Received: 11/08/21 11:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		11/13/21 15:29	2
4-Bromofluorobenzene (Surr)	98		73 - 120		11/13/21 15:29	2
Toluene-d8 (Surr)	102		80 - 120		11/13/21 15:29	2

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/10/21 15:14	11/13/21 05:21	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/10/21 15:14	11/13/21 05:21	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/10/21 15:14	11/13/21 05:21	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/10/21 15:14	11/13/21 05:21	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/10/21 15:14	11/13/21 05:21	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/10/21 15:14	11/13/21 05:21	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/10/21 15:14	11/13/21 05:21	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/10/21 15:14	11/13/21 05:21	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/10/21 15:14	11/13/21 05:21	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/10/21 15:14	11/13/21 05:21	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/10/21 15:14	11/13/21 05:21	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/10/21 15:14	11/13/21 05:21	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/10/21 15:14	11/13/21 05:21	1
2-Nitroaniline	ND		10	0.42	ug/L		11/10/21 15:14	11/13/21 05:21	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/10/21 15:14	11/13/21 05:21	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/10/21 15:14	11/13/21 05:21	1
3-Nitroaniline	ND		10	0.48	ug/L		11/10/21 15:14	11/13/21 05:21	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/10/21 15:14	11/13/21 05:21	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/10/21 15:14	11/13/21 05:21	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/10/21 15:14	11/13/21 05:21	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/10/21 15:14	11/13/21 05:21	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/10/21 15:14	11/13/21 05:21	1
4-Methylphenol	ND		10	0.36	ug/L		11/10/21 15:14	11/13/21 05:21	1
4-Nitroaniline	ND		10	0.25	ug/L		11/10/21 15:14	11/13/21 05:21	1
4-Nitrophenol	ND		10	1.5	ug/L		11/10/21 15:14	11/13/21 05:21	1
Acenaphthene	0.42	J	5.0	0.41	ug/L		11/10/21 15:14	11/13/21 05:21	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/10/21 15:14	11/13/21 05:21	1
Acetophenone	ND		5.0	0.54	ug/L		11/10/21 15:14	11/13/21 05:21	1
Anthracene	ND		5.0	0.28	ug/L		11/10/21 15:14	11/13/21 05:21	1
Atrazine	ND		5.0	0.46	ug/L		11/10/21 15:14	11/13/21 05:21	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/10/21 15:14	11/13/21 05:21	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/10/21 15:14	11/13/21 05:21	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/10/21 15:14	11/13/21 05:21	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/10/21 15:14	11/13/21 05:21	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/10/21 15:14	11/13/21 05:21	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/10/21 15:14	11/13/21 05:21	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/10/21 15:14	11/13/21 05:21	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/10/21 15:14	11/13/21 05:21	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/10/21 15:14	11/13/21 05:21	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/10/21 15:14	11/13/21 05:21	1
Caprolactam	ND		5.0	2.2	ug/L		11/10/21 15:14	11/13/21 05:21	1
Carbazole	0.79	J	5.0	0.30	ug/L		11/10/21 15:14	11/13/21 05:21	1
Chrysene	ND		5.0	0.33	ug/L		11/10/21 15:14	11/13/21 05:21	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/10/21 15:14	11/13/21 05:21	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-192046-1

Client Sample ID: LPZ-15S

Lab Sample ID: 480-192046-2

Date Collected: 11/08/21 10:10

Matrix: Water

Date Received: 11/08/21 11:45

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/10/21 15:14	11/13/21 05:21	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/10/21 15:14	11/13/21 05:21	1
Dibenzofuran	ND		10	0.51	ug/L		11/10/21 15:14	11/13/21 05:21	1
Diethyl phthalate	0.23	J	5.0	0.22	ug/L		11/10/21 15:14	11/13/21 05:21	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/10/21 15:14	11/13/21 05:21	1
Fluoranthene	ND		5.0	0.40	ug/L		11/10/21 15:14	11/13/21 05:21	1
Fluorene	ND		5.0	0.36	ug/L		11/10/21 15:14	11/13/21 05:21	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/10/21 15:14	11/13/21 05:21	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/10/21 15:14	11/13/21 05:21	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/10/21 15:14	11/13/21 05:21	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/10/21 15:14	11/13/21 05:21	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/10/21 15:14	11/13/21 05:21	1
Isophorone	ND		5.0	0.43	ug/L		11/10/21 15:14	11/13/21 05:21	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/10/21 15:14	11/13/21 05:21	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/10/21 15:14	11/13/21 05:21	1
Naphthalene	ND		5.0	0.76	ug/L		11/10/21 15:14	11/13/21 05:21	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/10/21 15:14	11/13/21 05:21	1
Pentachlorophenol	ND		10	2.2	ug/L		11/10/21 15:14	11/13/21 05:21	1
Phenanthrene	ND		5.0	0.44	ug/L		11/10/21 15:14	11/13/21 05:21	1
Phenol	ND		5.0	0.39	ug/L		11/10/21 15:14	11/13/21 05:21	1
Pyrene	ND		5.0	0.34	ug/L		11/10/21 15:14	11/13/21 05:21	1
Benzoic acid	ND		150	100	ug/L		11/10/21 15:14	11/13/21 05:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	110		41 - 120	11/10/21 15:14	11/13/21 05:21	1
2-Fluorobiphenyl	112		48 - 120	11/10/21 15:14	11/13/21 05:21	1
2-Fluorophenol	80		35 - 120	11/10/21 15:14	11/13/21 05:21	1
Nitrobenzene-d5	94		46 - 120	11/10/21 15:14	11/13/21 05:21	1
p-Terphenyl-d14	75		60 - 148	11/10/21 15:14	11/13/21 05:21	1
Phenol-d5	61		22 - 120	11/10/21 15:14	11/13/21 05:21	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/11/21 09:18	11/12/21 13:39	1
4,4'-DDE	ND		0.050	0.012	ug/L		11/11/21 09:18	11/12/21 13:39	1
4,4'-DDT	ND		0.050	0.011	ug/L		11/11/21 09:18	11/12/21 13:39	1
Aldrin	ND		0.050	0.0081	ug/L		11/11/21 09:18	11/12/21 13:39	1
alpha-BHC	ND		0.050	0.0077	ug/L		11/11/21 09:18	11/12/21 13:39	1
cis-Chlordane	ND		0.050	0.015	ug/L		11/11/21 09:18	11/12/21 13:39	1
beta-BHC	ND		0.050	0.025	ug/L		11/11/21 09:18	11/12/21 13:39	1
delta-BHC	ND		0.050	0.010	ug/L		11/11/21 09:18	11/12/21 13:39	1
Dieldrin	ND		0.050	0.0098	ug/L		11/11/21 09:18	11/12/21 13:39	1
Endosulfan I	ND		0.050	0.011	ug/L		11/11/21 09:18	11/12/21 13:39	1
Endosulfan II	ND		0.050	0.012	ug/L		11/11/21 09:18	11/12/21 13:39	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		11/11/21 09:18	11/12/21 13:39	1
Endrin	ND		0.050	0.014	ug/L		11/11/21 09:18	11/12/21 13:39	1
Endrin aldehyde	ND		0.050	0.016	ug/L		11/11/21 09:18	11/12/21 13:39	1
Endrin ketone	ND		0.050	0.012	ug/L		11/11/21 09:18	11/12/21 13:39	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		11/11/21 09:18	11/12/21 13:39	1
trans-Chlordane	ND		0.050	0.011	ug/L		11/11/21 09:18	11/12/21 13:39	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-192046-1

Client Sample ID: LPZ-15S

Lab Sample ID: 480-192046-2

Date Collected: 11/08/21 10:10

Matrix: Water

Date Received: 11/08/21 11:45

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.050	0.0085	ug/L		11/11/21 09:18	11/12/21 13:39	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		11/11/21 09:18	11/12/21 13:39	1
Methoxychlor	ND		0.050	0.014	ug/L		11/11/21 09:18	11/12/21 13:39	1
Toxaphene	ND		0.50	0.12	ug/L		11/11/21 09:18	11/12/21 13:39	1
Mirex	ND		0.050	0.0096	ug/L		11/11/21 09:18	11/12/21 13:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	56		20 - 120	11/11/21 09:18	11/12/21 13:39	1
DCB Decachlorobiphenyl	50		20 - 120	11/11/21 09:18	11/12/21 13:39	1
Tetrachloro-m-xylene	85		44 - 120	11/11/21 09:18	11/12/21 13:39	1
Tetrachloro-m-xylene	104		44 - 120	11/11/21 09:18	11/12/21 13:39	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/10/21 14:19	11/12/21 02:21	1
PCB-1221	ND		0.50	0.18	ug/L		11/10/21 14:19	11/12/21 02:21	1
PCB-1232	ND		0.50	0.18	ug/L		11/10/21 14:19	11/12/21 02:21	1
PCB-1242	ND		0.50	0.18	ug/L		11/10/21 14:19	11/12/21 02:21	1
PCB-1248	ND		0.50	0.18	ug/L		11/10/21 14:19	11/12/21 02:21	1
PCB-1254	ND		0.50	0.25	ug/L		11/10/21 14:19	11/12/21 02:21	1
PCB-1260	ND		0.50	0.25	ug/L		11/10/21 14:19	11/12/21 02:21	1
PCB-1262	ND		0.50	0.25	ug/L		11/10/21 14:19	11/12/21 02:21	1
PCB-1268	ND		0.50	0.25	ug/L		11/10/21 14:19	11/12/21 02:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	86		39 - 121	11/10/21 14:19	11/12/21 02:21	1
Tetrachloro-m-xylene	94		39 - 121	11/10/21 14:19	11/12/21 02:21	1
DCB Decachlorobiphenyl	57		19 - 120	11/10/21 14:19	11/12/21 02:21	1
DCB Decachlorobiphenyl	60		19 - 120	11/10/21 14:19	11/12/21 02:21	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/10/21 14:06	11/11/21 23:07	1
Antimony	ND		0.020	0.0068	mg/L		11/10/21 14:06	11/11/21 23:07	1
Arsenic	ND		0.015	0.0056	mg/L		11/10/21 14:06	11/11/21 23:07	1
Barium	0.35		0.0020	0.00070	mg/L		11/10/21 14:06	11/11/21 23:07	1
Beryllium	ND		0.0020	0.00030	mg/L		11/10/21 14:06	11/11/21 23:07	1
Cadmium	ND		0.0020	0.00050	mg/L		11/10/21 14:06	11/12/21 11:39	1
Calcium	203		0.50	0.10	mg/L		11/10/21 14:06	11/11/21 23:07	1
Chromium	ND		0.0040	0.0010	mg/L		11/10/21 14:06	11/11/21 23:07	1
Cobalt	0.0023	J	0.0040	0.00063	mg/L		11/10/21 14:06	11/11/21 23:07	1
Copper	ND		0.010	0.0016	mg/L		11/10/21 14:06	11/11/21 23:07	1
Iron	28.7		0.050	0.019	mg/L		11/10/21 14:06	11/11/21 23:07	1
Lead	ND		0.010	0.0030	mg/L		11/10/21 14:06	11/11/21 23:07	1
Magnesium	54.6		0.20	0.043	mg/L		11/10/21 14:06	11/11/21 23:07	1
Manganese	0.44		0.0030	0.00040	mg/L		11/10/21 14:06	11/11/21 23:07	1
Nickel	0.0026	J	0.010	0.0013	mg/L		11/10/21 14:06	11/11/21 23:07	1
Potassium	6.7		0.50	0.10	mg/L		11/10/21 14:06	11/11/21 23:07	1
Selenium	ND		0.025	0.0087	mg/L		11/10/21 14:06	11/11/21 23:07	1
Silver	ND		0.0060	0.0017	mg/L		11/10/21 14:06	11/11/21 23:07	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-192046-1

Client Sample ID: LPZ-15S

Lab Sample ID: 480-192046-2

Date Collected: 11/08/21 10:10

Matrix: Water

Date Received: 11/08/21 11:45

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	14.7		1.0	0.32	mg/L		11/10/21 14:06	11/11/21 23:07	1
Thallium	ND		0.020	0.010	mg/L		11/10/21 14:06	11/11/21 23:07	1
Vanadium	ND		0.0050	0.0015	mg/L		11/10/21 14:06	11/11/21 23:07	1
Zinc	ND		0.010	0.0015	mg/L		11/10/21 14:06	11/11/21 23:07	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		11/11/21 13:10	11/11/21 16:39	1

Well LDP-01

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: LDP-01

Lab Sample ID: 480-191852-1

Date Collected: 11/03/21 09:10

Matrix: Water

Date Received: 11/03/21 15:56

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/06/21 06:53	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/06/21 06:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/06/21 06:53	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/06/21 06:53	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/06/21 06:53	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/06/21 06:53	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/06/21 06:53	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/06/21 06:53	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/06/21 06:53	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/06/21 06:53	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/06/21 06:53	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/06/21 06:53	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/06/21 06:53	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/06/21 06:53	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/06/21 06:53	1
2-Hexanone	ND		5.0	1.2	ug/L			11/06/21 06:53	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/06/21 06:53	1
Acetone	ND		10	3.0	ug/L			11/06/21 06:53	1
Benzene	ND		1.0	0.41	ug/L			11/06/21 06:53	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/06/21 06:53	1
Bromoform	ND		1.0	0.26	ug/L			11/06/21 06:53	1
Bromomethane	ND		1.0	0.69	ug/L			11/06/21 06:53	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/06/21 06:53	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/06/21 06:53	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/06/21 06:53	1
Chloroethane	ND		1.0	0.32	ug/L			11/06/21 06:53	1
Chloroform	ND		1.0	0.34	ug/L			11/06/21 06:53	1
Chloromethane	ND		1.0	0.35	ug/L			11/06/21 06:53	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/06/21 06:53	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/06/21 06:53	1
Cyclohexane	ND		1.0	0.18	ug/L			11/06/21 06:53	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/06/21 06:53	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/06/21 06:53	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/06/21 06:53	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/06/21 06:53	1
Methyl acetate	ND		2.5	1.3	ug/L			11/06/21 06:53	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/06/21 06:53	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/06/21 06:53	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/06/21 06:53	1
Styrene	ND		1.0	0.73	ug/L			11/06/21 06:53	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/06/21 06:53	1
Toluene	ND		1.0	0.51	ug/L			11/06/21 06:53	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/06/21 06:53	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/06/21 06:53	1
Trichloroethene	ND		1.0	0.46	ug/L			11/06/21 06:53	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/06/21 06:53	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/06/21 06:53	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/06/21 06:53	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: LDP-01

Lab Sample ID: 480-191852-1

Date Collected: 11/03/21 09:10

Matrix: Water

Date Received: 11/03/21 15:56

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		11/06/21 06:53	1
4-Bromofluorobenzene (Surr)	100		73 - 120		11/06/21 06:53	1
Toluene-d8 (Surr)	95		80 - 120		11/06/21 06:53	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/04/21 14:59	11/05/21 17:47	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/04/21 14:59	11/05/21 17:47	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/04/21 14:59	11/05/21 17:47	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/04/21 14:59	11/05/21 17:47	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 17:47	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/04/21 14:59	11/05/21 17:47	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 17:47	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 17:47	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 17:47	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/04/21 14:59	11/05/21 17:47	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/04/21 14:59	11/05/21 17:47	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/04/21 14:59	11/05/21 17:47	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 17:47	1
2-Nitroaniline	ND		10	0.42	ug/L		11/04/21 14:59	11/05/21 17:47	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/04/21 14:59	11/05/21 17:47	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 17:47	1
3-Nitroaniline	ND		10	0.48	ug/L		11/04/21 14:59	11/05/21 17:47	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 17:47	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 17:47	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 17:47	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 17:47	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 17:47	1
4-Methylphenol	ND		10	0.36	ug/L		11/04/21 14:59	11/05/21 17:47	1
4-Nitroaniline	ND		10	0.25	ug/L		11/04/21 14:59	11/05/21 17:47	1
4-Nitrophenol	ND		10	1.5	ug/L		11/04/21 14:59	11/05/21 17:47	1
Acenaphthene	ND		5.0	0.41	ug/L		11/04/21 14:59	11/05/21 17:47	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/04/21 14:59	11/05/21 17:47	1
Acetophenone	ND		5.0	0.54	ug/L		11/04/21 14:59	11/05/21 17:47	1
Anthracene	ND		5.0	0.28	ug/L		11/04/21 14:59	11/05/21 17:47	1
Atrazine	ND		5.0	0.46	ug/L		11/04/21 14:59	11/05/21 17:47	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/04/21 14:59	11/05/21 17:47	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 17:47	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 17:47	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/04/21 14:59	11/05/21 17:47	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 17:47	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/04/21 14:59	11/05/21 17:47	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 17:47	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 17:47	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/04/21 14:59	11/05/21 17:47	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/04/21 14:59	11/05/21 17:47	1
Caprolactam	ND		5.0	2.2	ug/L		11/04/21 14:59	11/05/21 17:47	1
Carbazole	ND		5.0	0.30	ug/L		11/04/21 14:59	11/05/21 17:47	1
Chrysene	ND		5.0	0.33	ug/L		11/04/21 14:59	11/05/21 17:47	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/04/21 14:59	11/05/21 17:47	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: LDP-01

Lab Sample ID: 480-191852-1

Date Collected: 11/03/21 09:10

Matrix: Water

Date Received: 11/03/21 15:56

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 17:47	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/04/21 14:59	11/05/21 17:47	1
Dibenzofuran	ND		10	0.51	ug/L		11/04/21 14:59	11/05/21 17:47	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/04/21 14:59	11/05/21 17:47	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 17:47	1
Fluoranthene	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 17:47	1
Fluorene	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 17:47	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 17:47	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/04/21 14:59	11/05/21 17:47	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 17:47	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 17:47	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 17:47	1
Isophorone	ND		5.0	0.43	ug/L		11/04/21 14:59	11/05/21 17:47	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/04/21 14:59	11/05/21 17:47	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 17:47	1
Naphthalene	ND		5.0	0.76	ug/L		11/04/21 14:59	11/05/21 17:47	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/04/21 14:59	11/05/21 17:47	1
Pentachlorophenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 17:47	1
Phenanthrene	ND		5.0	0.44	ug/L		11/04/21 14:59	11/05/21 17:47	1
Phenol	ND		5.0	0.39	ug/L		11/04/21 14:59	11/05/21 17:47	1
Pyrene	ND		5.0	0.34	ug/L		11/04/21 14:59	11/05/21 17:47	1
Benzoic acid	ND		150	100	ug/L		11/04/21 14:59	11/05/21 17:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	97		41 - 120	11/04/21 14:59	11/05/21 17:47	1
2-Fluorobiphenyl	97		48 - 120	11/04/21 14:59	11/05/21 17:47	1
2-Fluorophenol	67		35 - 120	11/04/21 14:59	11/05/21 17:47	1
Nitrobenzene-d5	89		46 - 120	11/04/21 14:59	11/05/21 17:47	1
p-Terphenyl-d14	86		60 - 148	11/04/21 14:59	11/05/21 17:47	1
Phenol-d5	53		22 - 120	11/04/21 14:59	11/05/21 17:47	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/05/21 14:20	11/08/21 12:56	1
4,4'-DDE	ND		0.050	0.012	ug/L		11/05/21 14:20	11/08/21 12:56	1
4,4'-DDT	ND		0.050	0.011	ug/L		11/05/21 14:20	11/08/21 12:56	1
Aldrin	ND		0.050	0.0081	ug/L		11/05/21 14:20	11/08/21 12:56	1
alpha-BHC	ND		0.050	0.0077	ug/L		11/05/21 14:20	11/08/21 12:56	1
cis-Chlordane	ND		0.050	0.015	ug/L		11/05/21 14:20	11/08/21 12:56	1
beta-BHC	ND		0.050	0.025	ug/L		11/05/21 14:20	11/08/21 12:56	1
delta-BHC	ND		0.050	0.010	ug/L		11/05/21 14:20	11/08/21 12:56	1
Dieldrin	ND		0.050	0.0098	ug/L		11/05/21 14:20	11/08/21 12:56	1
Endosulfan I	ND		0.050	0.011	ug/L		11/05/21 14:20	11/08/21 12:56	1
Endosulfan II	0.019	J B	0.050	0.012	ug/L		11/05/21 14:20	11/08/21 12:56	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		11/05/21 14:20	11/08/21 12:56	1
Endrin	ND		0.050	0.014	ug/L		11/05/21 14:20	11/08/21 12:56	1
Endrin aldehyde	ND		0.050	0.016	ug/L		11/05/21 14:20	11/08/21 12:56	1
Endrin ketone	ND		0.050	0.012	ug/L		11/05/21 14:20	11/08/21 12:56	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		11/05/21 14:20	11/08/21 12:56	1
trans-Chlordane	ND		0.050	0.011	ug/L		11/05/21 14:20	11/08/21 12:56	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: LDP-01

Lab Sample ID: 480-191852-1

Date Collected: 11/03/21 09:10

Matrix: Water

Date Received: 11/03/21 15:56

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.050	0.0085	ug/L		11/05/21 14:20	11/08/21 12:56	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		11/05/21 14:20	11/08/21 12:56	1
Methoxychlor	ND		0.050	0.014	ug/L		11/05/21 14:20	11/08/21 12:56	1
Toxaphene	ND		0.50	0.12	ug/L		11/05/21 14:20	11/08/21 12:56	1
Mirex	ND		0.050	0.0096	ug/L		11/05/21 14:20	11/08/21 12:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	56		20 - 120	11/05/21 14:20	11/08/21 12:56	1
DCB Decachlorobiphenyl	64		20 - 120	11/05/21 14:20	11/08/21 12:56	1
Tetrachloro-m-xylene	73		44 - 120	11/05/21 14:20	11/08/21 12:56	1
Tetrachloro-m-xylene	74		44 - 120	11/05/21 14:20	11/08/21 12:56	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 21:19	1
PCB-1221	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 21:19	1
PCB-1232	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 21:19	1
PCB-1242	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 21:19	1
PCB-1248	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 21:19	1
PCB-1254	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 21:19	1
PCB-1260	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 21:19	1
PCB-1262	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 21:19	1
PCB-1268	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 21:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	75		39 - 121	11/08/21 10:26	11/08/21 21:19	1
Tetrachloro-m-xylene	81		39 - 121	11/08/21 10:26	11/08/21 21:19	1
DCB Decachlorobiphenyl	92		19 - 120	11/08/21 10:26	11/08/21 21:19	1
DCB Decachlorobiphenyl	53		19 - 120	11/08/21 10:26	11/08/21 21:19	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.21		0.20	0.060	mg/L		11/08/21 09:00	11/09/21 16:41	1
Antimony	ND		0.020	0.0068	mg/L		11/08/21 09:00	11/09/21 16:41	1
Arsenic	ND		0.015	0.0056	mg/L		11/08/21 09:00	11/09/21 16:41	1
Barium	0.039		0.0020	0.00070	mg/L		11/08/21 09:00	11/09/21 16:41	1
Beryllium	ND		0.0020	0.00030	mg/L		11/08/21 09:00	11/09/21 16:41	1
Cadmium	ND		0.0020	0.00050	mg/L		11/08/21 09:00	11/09/21 16:41	1
Calcium	177		0.50	0.10	mg/L		11/08/21 09:00	11/09/21 16:41	1
Chromium	ND		0.0040	0.0010	mg/L		11/08/21 09:00	11/09/21 16:41	1
Cobalt	ND		0.0040	0.00063	mg/L		11/08/21 09:00	11/09/21 16:41	1
Copper	0.0019	J	0.010	0.0016	mg/L		11/08/21 09:00	11/09/21 16:41	1
Iron	0.16		0.050	0.019	mg/L		11/08/21 09:00	11/09/21 16:41	1
Lead	ND		0.010	0.0030	mg/L		11/08/21 09:00	11/09/21 16:41	1
Magnesium	50.2		0.20	0.043	mg/L		11/08/21 09:00	11/09/21 16:41	1
Manganese	0.013		0.0030	0.00040	mg/L		11/08/21 09:00	11/09/21 16:41	1
Nickel	ND		0.010	0.0013	mg/L		11/08/21 09:00	11/09/21 16:41	1
Potassium	0.29	J B	0.50	0.10	mg/L		11/08/21 09:00	11/09/21 16:41	1
Selenium	ND		0.025	0.0087	mg/L		11/08/21 09:00	11/09/21 16:41	1
Silver	ND		0.0060	0.0017	mg/L		11/08/21 09:00	11/09/21 16:41	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: LDP-01

Lab Sample ID: 480-191852-1

Date Collected: 11/03/21 09:10

Matrix: Water

Date Received: 11/03/21 15:56

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	21.9		1.0	0.32	mg/L		11/08/21 09:00	11/09/21 16:41	1
Thallium	ND		0.020	0.010	mg/L		11/08/21 09:00	11/09/21 16:41	1
Vanadium	ND		0.0050	0.0015	mg/L		11/08/21 09:00	11/09/21 16:41	1
Zinc	ND		0.010	0.0015	mg/L		11/08/21 09:00	11/09/21 16:41	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		11/09/21 13:30	11/09/21 17:46	1

Well LDP-03

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: LDP-03

Lab Sample ID: 480-191852-2

Date Collected: 11/03/21 09:50

Matrix: Water

Date Received: 11/03/21 15:56

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/06/21 07:16	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/06/21 07:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/06/21 07:16	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/06/21 07:16	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/06/21 07:16	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/06/21 07:16	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/06/21 07:16	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/06/21 07:16	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/06/21 07:16	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/06/21 07:16	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/06/21 07:16	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/06/21 07:16	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/06/21 07:16	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/06/21 07:16	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/06/21 07:16	1
2-Hexanone	ND		5.0	1.2	ug/L			11/06/21 07:16	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/06/21 07:16	1
Acetone	ND		10	3.0	ug/L			11/06/21 07:16	1
Benzene	ND		1.0	0.41	ug/L			11/06/21 07:16	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/06/21 07:16	1
Bromoform	ND		1.0	0.26	ug/L			11/06/21 07:16	1
Bromomethane	ND		1.0	0.69	ug/L			11/06/21 07:16	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/06/21 07:16	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/06/21 07:16	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/06/21 07:16	1
Chloroethane	ND		1.0	0.32	ug/L			11/06/21 07:16	1
Chloroform	ND		1.0	0.34	ug/L			11/06/21 07:16	1
Chloromethane	ND		1.0	0.35	ug/L			11/06/21 07:16	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/06/21 07:16	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/06/21 07:16	1
Cyclohexane	ND		1.0	0.18	ug/L			11/06/21 07:16	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/06/21 07:16	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/06/21 07:16	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/06/21 07:16	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/06/21 07:16	1
Methyl acetate	ND		2.5	1.3	ug/L			11/06/21 07:16	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/06/21 07:16	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/06/21 07:16	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/06/21 07:16	1
Styrene	ND		1.0	0.73	ug/L			11/06/21 07:16	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/06/21 07:16	1
Toluene	ND		1.0	0.51	ug/L			11/06/21 07:16	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/06/21 07:16	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/06/21 07:16	1
Trichloroethene	ND		1.0	0.46	ug/L			11/06/21 07:16	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/06/21 07:16	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/06/21 07:16	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/06/21 07:16	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: LDP-03

Lab Sample ID: 480-191852-2

Date Collected: 11/03/21 09:50

Matrix: Water

Date Received: 11/03/21 15:56

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		11/06/21 07:16	1
4-Bromofluorobenzene (Surr)	101		73 - 120		11/06/21 07:16	1
Toluene-d8 (Surr)	96		80 - 120		11/06/21 07:16	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/04/21 14:59	11/05/21 18:14	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/04/21 14:59	11/05/21 18:14	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/04/21 14:59	11/05/21 18:14	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/04/21 14:59	11/05/21 18:14	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 18:14	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/04/21 14:59	11/05/21 18:14	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 18:14	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 18:14	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 18:14	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/04/21 14:59	11/05/21 18:14	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/04/21 14:59	11/05/21 18:14	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/04/21 14:59	11/05/21 18:14	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 18:14	1
2-Nitroaniline	ND		10	0.42	ug/L		11/04/21 14:59	11/05/21 18:14	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/04/21 14:59	11/05/21 18:14	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 18:14	1
3-Nitroaniline	ND		10	0.48	ug/L		11/04/21 14:59	11/05/21 18:14	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 18:14	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 18:14	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 18:14	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 18:14	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 18:14	1
4-Methylphenol	ND		10	0.36	ug/L		11/04/21 14:59	11/05/21 18:14	1
4-Nitroaniline	ND		10	0.25	ug/L		11/04/21 14:59	11/05/21 18:14	1
4-Nitrophenol	ND		10	1.5	ug/L		11/04/21 14:59	11/05/21 18:14	1
Acenaphthene	ND		5.0	0.41	ug/L		11/04/21 14:59	11/05/21 18:14	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/04/21 14:59	11/05/21 18:14	1
Acetophenone	ND		5.0	0.54	ug/L		11/04/21 14:59	11/05/21 18:14	1
Anthracene	ND		5.0	0.28	ug/L		11/04/21 14:59	11/05/21 18:14	1
Atrazine	ND		5.0	0.46	ug/L		11/04/21 14:59	11/05/21 18:14	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/04/21 14:59	11/05/21 18:14	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 18:14	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 18:14	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/04/21 14:59	11/05/21 18:14	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 18:14	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/04/21 14:59	11/05/21 18:14	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 18:14	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 18:14	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/04/21 14:59	11/05/21 18:14	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/04/21 14:59	11/05/21 18:14	1
Caprolactam	ND		5.0	2.2	ug/L		11/04/21 14:59	11/05/21 18:14	1
Carbazole	ND		5.0	0.30	ug/L		11/04/21 14:59	11/05/21 18:14	1
Chrysene	ND		5.0	0.33	ug/L		11/04/21 14:59	11/05/21 18:14	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/04/21 14:59	11/05/21 18:14	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: LDP-03

Lab Sample ID: 480-191852-2

Date Collected: 11/03/21 09:50

Matrix: Water

Date Received: 11/03/21 15:56

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 18:14	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/04/21 14:59	11/05/21 18:14	1
Dibenzofuran	ND		10	0.51	ug/L		11/04/21 14:59	11/05/21 18:14	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/04/21 14:59	11/05/21 18:14	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 18:14	1
Fluoranthene	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 18:14	1
Fluorene	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 18:14	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 18:14	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/04/21 14:59	11/05/21 18:14	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 18:14	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 18:14	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 18:14	1
Isophorone	ND		5.0	0.43	ug/L		11/04/21 14:59	11/05/21 18:14	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/04/21 14:59	11/05/21 18:14	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 18:14	1
Naphthalene	ND		5.0	0.76	ug/L		11/04/21 14:59	11/05/21 18:14	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/04/21 14:59	11/05/21 18:14	1
Pentachlorophenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 18:14	1
Phenanthrene	ND		5.0	0.44	ug/L		11/04/21 14:59	11/05/21 18:14	1
Phenol	ND		5.0	0.39	ug/L		11/04/21 14:59	11/05/21 18:14	1
Pyrene	ND		5.0	0.34	ug/L		11/04/21 14:59	11/05/21 18:14	1
Benzoic acid	ND		150	100	ug/L		11/04/21 14:59	11/05/21 18:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	90		41 - 120	11/04/21 14:59	11/05/21 18:14	1
2-Fluorobiphenyl	93		48 - 120	11/04/21 14:59	11/05/21 18:14	1
2-Fluorophenol	61		35 - 120	11/04/21 14:59	11/05/21 18:14	1
Nitrobenzene-d5	79		46 - 120	11/04/21 14:59	11/05/21 18:14	1
p-Terphenyl-d14	92		60 - 148	11/04/21 14:59	11/05/21 18:14	1
Phenol-d5	50		22 - 120	11/04/21 14:59	11/05/21 18:14	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/05/21 14:20	11/08/21 13:16	1
4,4'-DDE	ND		0.050	0.012	ug/L		11/05/21 14:20	11/08/21 13:16	1
4,4'-DDT	ND		0.050	0.011	ug/L		11/05/21 14:20	11/08/21 13:16	1
Aldrin	ND		0.050	0.0081	ug/L		11/05/21 14:20	11/08/21 13:16	1
alpha-BHC	ND		0.050	0.0077	ug/L		11/05/21 14:20	11/08/21 13:16	1
cis-Chlordane	ND		0.050	0.015	ug/L		11/05/21 14:20	11/08/21 13:16	1
beta-BHC	ND		0.050	0.025	ug/L		11/05/21 14:20	11/08/21 13:16	1
delta-BHC	ND		0.050	0.010	ug/L		11/05/21 14:20	11/08/21 13:16	1
Dieldrin	ND		0.050	0.0098	ug/L		11/05/21 14:20	11/08/21 13:16	1
Endosulfan I	ND		0.050	0.011	ug/L		11/05/21 14:20	11/08/21 13:16	1
Endosulfan II	ND		0.050	0.012	ug/L		11/05/21 14:20	11/08/21 13:16	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		11/05/21 14:20	11/08/21 13:16	1
Endrin	ND		0.050	0.014	ug/L		11/05/21 14:20	11/08/21 13:16	1
Endrin aldehyde	ND		0.050	0.016	ug/L		11/05/21 14:20	11/08/21 13:16	1
Endrin ketone	ND		0.050	0.012	ug/L		11/05/21 14:20	11/08/21 13:16	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		11/05/21 14:20	11/08/21 13:16	1
trans-Chlordane	ND		0.050	0.011	ug/L		11/05/21 14:20	11/08/21 13:16	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: LDP-03

Lab Sample ID: 480-191852-2

Date Collected: 11/03/21 09:50

Matrix: Water

Date Received: 11/03/21 15:56

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.050	0.0085	ug/L		11/05/21 14:20	11/08/21 13:16	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		11/05/21 14:20	11/08/21 13:16	1
Methoxychlor	ND		0.050	0.014	ug/L		11/05/21 14:20	11/08/21 13:16	1
Toxaphene	ND		0.50	0.12	ug/L		11/05/21 14:20	11/08/21 13:16	1
Mirex	ND		0.050	0.0096	ug/L		11/05/21 14:20	11/08/21 13:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	62		20 - 120	11/05/21 14:20	11/08/21 13:16	1
DCB Decachlorobiphenyl	57		20 - 120	11/05/21 14:20	11/08/21 13:16	1
Tetrachloro-m-xylene	63		44 - 120	11/05/21 14:20	11/08/21 13:16	1
Tetrachloro-m-xylene	64		44 - 120	11/05/21 14:20	11/08/21 13:16	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 21:32	1
PCB-1221	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 21:32	1
PCB-1232	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 21:32	1
PCB-1242	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 21:32	1
PCB-1248	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 21:32	1
PCB-1254	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 21:32	1
PCB-1260	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 21:32	1
PCB-1262	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 21:32	1
PCB-1268	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 21:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	83		39 - 121	11/08/21 10:26	11/08/21 21:32	1
Tetrachloro-m-xylene	85		39 - 121	11/08/21 10:26	11/08/21 21:32	1
DCB Decachlorobiphenyl	80		19 - 120	11/08/21 10:26	11/08/21 21:32	1
DCB Decachlorobiphenyl	46		19 - 120	11/08/21 10:26	11/08/21 21:32	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.60		0.20	0.060	mg/L		11/08/21 09:00	11/09/21 16:44	1
Antimony	ND		0.020	0.0068	mg/L		11/08/21 09:00	11/09/21 16:44	1
Arsenic	ND		0.015	0.0056	mg/L		11/08/21 09:00	11/09/21 16:44	1
Barium	0.043		0.0020	0.00070	mg/L		11/08/21 09:00	11/09/21 16:44	1
Beryllium	ND		0.0020	0.00030	mg/L		11/08/21 09:00	11/09/21 16:44	1
Cadmium	ND		0.0020	0.00050	mg/L		11/08/21 09:00	11/09/21 16:44	1
Calcium	179		0.50	0.10	mg/L		11/08/21 09:00	11/09/21 16:44	1
Chromium	0.0011	J	0.0040	0.0010	mg/L		11/08/21 09:00	11/09/21 16:44	1
Cobalt	ND		0.0040	0.00063	mg/L		11/08/21 09:00	11/09/21 16:44	1
Copper	0.0018	J	0.010	0.0016	mg/L		11/08/21 09:00	11/09/21 16:44	1
Iron	0.65		0.050	0.019	mg/L		11/08/21 09:00	11/09/21 16:44	1
Lead	ND		0.010	0.0030	mg/L		11/08/21 09:00	11/09/21 16:44	1
Magnesium	49.9		0.20	0.043	mg/L		11/08/21 09:00	11/09/21 16:44	1
Manganese	0.035		0.0030	0.00040	mg/L		11/08/21 09:00	11/09/21 16:44	1
Nickel	ND		0.010	0.0013	mg/L		11/08/21 09:00	11/09/21 16:44	1
Potassium	0.42	J B	0.50	0.10	mg/L		11/08/21 09:00	11/09/21 16:44	1
Selenium	ND		0.025	0.0087	mg/L		11/08/21 09:00	11/09/21 16:44	1
Silver	ND		0.0060	0.0017	mg/L		11/08/21 09:00	11/09/21 16:44	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: LDP-03

Lab Sample ID: 480-191852-2

Date Collected: 11/03/21 09:50

Matrix: Water

Date Received: 11/03/21 15:56

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	14.5		1.0	0.32	mg/L		11/08/21 09:00	11/09/21 16:44	1
Thallium	ND		0.020	0.010	mg/L		11/08/21 09:00	11/09/21 16:44	1
Vanadium	ND		0.0050	0.0015	mg/L		11/08/21 09:00	11/09/21 16:44	1
Zinc	0.0070	J	0.010	0.0015	mg/L		11/08/21 09:00	11/09/21 16:44	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		11/09/21 13:30	11/09/21 18:05	1

Well LDP-04

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: LDP-04

Lab Sample ID: 480-191852-3

Date Collected: 11/03/21 10:35

Matrix: Water

Date Received: 11/03/21 15:56

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/06/21 07:39	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/06/21 07:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/06/21 07:39	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/06/21 07:39	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/06/21 07:39	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/06/21 07:39	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/06/21 07:39	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/06/21 07:39	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/06/21 07:39	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/06/21 07:39	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/06/21 07:39	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/06/21 07:39	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/06/21 07:39	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/06/21 07:39	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/06/21 07:39	1
2-Hexanone	ND		5.0	1.2	ug/L			11/06/21 07:39	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/06/21 07:39	1
Acetone	ND		10	3.0	ug/L			11/06/21 07:39	1
Benzene	ND		1.0	0.41	ug/L			11/06/21 07:39	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/06/21 07:39	1
Bromoform	ND		1.0	0.26	ug/L			11/06/21 07:39	1
Bromomethane	ND		1.0	0.69	ug/L			11/06/21 07:39	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/06/21 07:39	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/06/21 07:39	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/06/21 07:39	1
Chloroethane	ND		1.0	0.32	ug/L			11/06/21 07:39	1
Chloroform	ND		1.0	0.34	ug/L			11/06/21 07:39	1
Chloromethane	ND		1.0	0.35	ug/L			11/06/21 07:39	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/06/21 07:39	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/06/21 07:39	1
Cyclohexane	ND		1.0	0.18	ug/L			11/06/21 07:39	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/06/21 07:39	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/06/21 07:39	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/06/21 07:39	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/06/21 07:39	1
Methyl acetate	ND		2.5	1.3	ug/L			11/06/21 07:39	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/06/21 07:39	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/06/21 07:39	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/06/21 07:39	1
Styrene	ND		1.0	0.73	ug/L			11/06/21 07:39	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/06/21 07:39	1
Toluene	ND		1.0	0.51	ug/L			11/06/21 07:39	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/06/21 07:39	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/06/21 07:39	1
Trichloroethene	ND		1.0	0.46	ug/L			11/06/21 07:39	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/06/21 07:39	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/06/21 07:39	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/06/21 07:39	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: LDP-04

Lab Sample ID: 480-191852-3

Date Collected: 11/03/21 10:35

Matrix: Water

Date Received: 11/03/21 15:56

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		11/06/21 07:39	1
4-Bromofluorobenzene (Surr)	101		73 - 120		11/06/21 07:39	1
Toluene-d8 (Surr)	98		80 - 120		11/06/21 07:39	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/04/21 14:59	11/05/21 18:41	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/04/21 14:59	11/05/21 18:41	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/04/21 14:59	11/05/21 18:41	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/04/21 14:59	11/05/21 18:41	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 18:41	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/04/21 14:59	11/05/21 18:41	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 18:41	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 18:41	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 18:41	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/04/21 14:59	11/05/21 18:41	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/04/21 14:59	11/05/21 18:41	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/04/21 14:59	11/05/21 18:41	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 18:41	1
2-Nitroaniline	ND		10	0.42	ug/L		11/04/21 14:59	11/05/21 18:41	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/04/21 14:59	11/05/21 18:41	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 18:41	1
3-Nitroaniline	ND		10	0.48	ug/L		11/04/21 14:59	11/05/21 18:41	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 18:41	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 18:41	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 18:41	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 18:41	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 18:41	1
4-Methylphenol	ND		10	0.36	ug/L		11/04/21 14:59	11/05/21 18:41	1
4-Nitroaniline	ND		10	0.25	ug/L		11/04/21 14:59	11/05/21 18:41	1
4-Nitrophenol	ND		10	1.5	ug/L		11/04/21 14:59	11/05/21 18:41	1
Acenaphthene	ND		5.0	0.41	ug/L		11/04/21 14:59	11/05/21 18:41	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/04/21 14:59	11/05/21 18:41	1
Acetophenone	ND		5.0	0.54	ug/L		11/04/21 14:59	11/05/21 18:41	1
Anthracene	ND		5.0	0.28	ug/L		11/04/21 14:59	11/05/21 18:41	1
Atrazine	ND		5.0	0.46	ug/L		11/04/21 14:59	11/05/21 18:41	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/04/21 14:59	11/05/21 18:41	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 18:41	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 18:41	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/04/21 14:59	11/05/21 18:41	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 18:41	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/04/21 14:59	11/05/21 18:41	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 18:41	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 18:41	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/04/21 14:59	11/05/21 18:41	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/04/21 14:59	11/05/21 18:41	1
Caprolactam	ND		5.0	2.2	ug/L		11/04/21 14:59	11/05/21 18:41	1
Carbazole	ND		5.0	0.30	ug/L		11/04/21 14:59	11/05/21 18:41	1
Chrysene	ND		5.0	0.33	ug/L		11/04/21 14:59	11/05/21 18:41	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/04/21 14:59	11/05/21 18:41	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: LDP-04

Lab Sample ID: 480-191852-3

Date Collected: 11/03/21 10:35

Matrix: Water

Date Received: 11/03/21 15:56

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 18:41	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/04/21 14:59	11/05/21 18:41	1
Dibenzofuran	ND		10	0.51	ug/L		11/04/21 14:59	11/05/21 18:41	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/04/21 14:59	11/05/21 18:41	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 18:41	1
Fluoranthene	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 18:41	1
Fluorene	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 18:41	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 18:41	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/04/21 14:59	11/05/21 18:41	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 18:41	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 18:41	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 18:41	1
Isophorone	ND		5.0	0.43	ug/L		11/04/21 14:59	11/05/21 18:41	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/04/21 14:59	11/05/21 18:41	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 18:41	1
Naphthalene	ND		5.0	0.76	ug/L		11/04/21 14:59	11/05/21 18:41	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/04/21 14:59	11/05/21 18:41	1
Pentachlorophenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 18:41	1
Phenanthrene	ND		5.0	0.44	ug/L		11/04/21 14:59	11/05/21 18:41	1
Phenol	ND		5.0	0.39	ug/L		11/04/21 14:59	11/05/21 18:41	1
Pyrene	ND		5.0	0.34	ug/L		11/04/21 14:59	11/05/21 18:41	1
Benzoic acid	ND		150	100	ug/L		11/04/21 14:59	11/05/21 18:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	100		41 - 120	11/04/21 14:59	11/05/21 18:41	1
2-Fluorobiphenyl	102		48 - 120	11/04/21 14:59	11/05/21 18:41	1
2-Fluorophenol	70		35 - 120	11/04/21 14:59	11/05/21 18:41	1
Nitrobenzene-d5	90		46 - 120	11/04/21 14:59	11/05/21 18:41	1
p-Terphenyl-d14	87		60 - 148	11/04/21 14:59	11/05/21 18:41	1
Phenol-d5	54		22 - 120	11/04/21 14:59	11/05/21 18:41	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/05/21 14:20	11/08/21 13:35	1
4,4'-DDE	ND		0.050	0.012	ug/L		11/05/21 14:20	11/08/21 13:35	1
4,4'-DDT	ND		0.050	0.011	ug/L		11/05/21 14:20	11/08/21 13:35	1
Aldrin	ND		0.050	0.0081	ug/L		11/05/21 14:20	11/08/21 13:35	1
alpha-BHC	ND		0.050	0.0077	ug/L		11/05/21 14:20	11/08/21 13:35	1
cis-Chlordane	ND		0.050	0.015	ug/L		11/05/21 14:20	11/08/21 13:35	1
beta-BHC	ND		0.050	0.025	ug/L		11/05/21 14:20	11/08/21 13:35	1
delta-BHC	ND		0.050	0.010	ug/L		11/05/21 14:20	11/08/21 13:35	1
Dieldrin	ND		0.050	0.0098	ug/L		11/05/21 14:20	11/08/21 13:35	1
Endosulfan I	ND		0.050	0.011	ug/L		11/05/21 14:20	11/08/21 13:35	1
Endosulfan II	ND		0.050	0.012	ug/L		11/05/21 14:20	11/08/21 13:35	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		11/05/21 14:20	11/08/21 13:35	1
Endrin	ND		0.050	0.014	ug/L		11/05/21 14:20	11/08/21 13:35	1
Endrin aldehyde	ND		0.050	0.016	ug/L		11/05/21 14:20	11/08/21 13:35	1
Endrin ketone	ND		0.050	0.012	ug/L		11/05/21 14:20	11/08/21 13:35	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		11/05/21 14:20	11/08/21 13:35	1
trans-Chlordane	ND		0.050	0.011	ug/L		11/05/21 14:20	11/08/21 13:35	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: LDP-04

Lab Sample ID: 480-191852-3

Date Collected: 11/03/21 10:35

Matrix: Water

Date Received: 11/03/21 15:56

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.050	0.0085	ug/L		11/05/21 14:20	11/08/21 13:35	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		11/05/21 14:20	11/08/21 13:35	1
Methoxychlor	ND		0.050	0.014	ug/L		11/05/21 14:20	11/08/21 13:35	1
Toxaphene	ND		0.50	0.12	ug/L		11/05/21 14:20	11/08/21 13:35	1
Mirex	ND		0.050	0.0096	ug/L		11/05/21 14:20	11/08/21 13:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	63		20 - 120	11/05/21 14:20	11/08/21 13:35	1
DCB Decachlorobiphenyl	60		20 - 120	11/05/21 14:20	11/08/21 13:35	1
Tetrachloro-m-xylene	80		44 - 120	11/05/21 14:20	11/08/21 13:35	1
Tetrachloro-m-xylene	80		44 - 120	11/05/21 14:20	11/08/21 13:35	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 21:45	1
PCB-1221	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 21:45	1
PCB-1232	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 21:45	1
PCB-1242	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 21:45	1
PCB-1248	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 21:45	1
PCB-1254	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 21:45	1
PCB-1260	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 21:45	1
PCB-1262	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 21:45	1
PCB-1268	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 21:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	69		39 - 121	11/08/21 10:26	11/08/21 21:45	1
Tetrachloro-m-xylene	69		39 - 121	11/08/21 10:26	11/08/21 21:45	1
DCB Decachlorobiphenyl	99		19 - 120	11/08/21 10:26	11/08/21 21:45	1
DCB Decachlorobiphenyl	61		19 - 120	11/08/21 10:26	11/08/21 21:45	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1.4		0.20	0.060	mg/L		11/08/21 09:00	11/09/21 16:48	1
Antimony	ND		0.020	0.0068	mg/L		11/08/21 09:00	11/09/21 16:48	1
Arsenic	ND		0.015	0.0056	mg/L		11/08/21 09:00	11/09/21 16:48	1
Barium	0.086		0.0020	0.00070	mg/L		11/08/21 09:00	11/09/21 16:48	1
Beryllium	ND		0.0020	0.00030	mg/L		11/08/21 09:00	11/09/21 16:48	1
Cadmium	0.00062	J	0.0020	0.00050	mg/L		11/08/21 09:00	11/09/21 16:48	1
Calcium	143		0.50	0.10	mg/L		11/08/21 09:00	11/09/21 16:48	1
Chromium	0.0022	J	0.0040	0.0010	mg/L		11/08/21 09:00	11/09/21 16:48	1
Cobalt	0.0010	J	0.0040	0.00063	mg/L		11/08/21 09:00	11/09/21 16:48	1
Copper	0.0051	J	0.010	0.0016	mg/L		11/08/21 09:00	11/09/21 16:48	1
Iron	2.3		0.050	0.019	mg/L		11/08/21 09:00	11/09/21 16:48	1
Lead	0.0030	J	0.010	0.0030	mg/L		11/08/21 09:00	11/09/21 16:48	1
Magnesium	78.2		0.20	0.043	mg/L		11/08/21 09:00	11/09/21 16:48	1
Manganese	0.17		0.0030	0.00040	mg/L		11/08/21 09:00	11/09/21 16:48	1
Nickel	0.0029	J	0.010	0.0013	mg/L		11/08/21 09:00	11/09/21 16:48	1
Potassium	10.3	B	0.50	0.10	mg/L		11/08/21 09:00	11/09/21 16:48	1
Selenium	ND		0.025	0.0087	mg/L		11/08/21 09:00	11/09/21 16:48	1
Silver	ND		0.0060	0.0017	mg/L		11/08/21 09:00	11/09/21 16:48	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: LDP-04

Lab Sample ID: 480-191852-3

Date Collected: 11/03/21 10:35

Matrix: Water

Date Received: 11/03/21 15:56

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	88.2		1.0	0.32	mg/L		11/08/21 09:00	11/09/21 16:48	1
Thallium	ND		0.020	0.010	mg/L		11/08/21 09:00	11/09/21 16:48	1
Vanadium	0.0018	J	0.0050	0.0015	mg/L		11/08/21 09:00	11/09/21 16:48	1
Zinc	0.028		0.010	0.0015	mg/L		11/08/21 09:00	11/09/21 16:48	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000050	J	0.00020	0.000043	mg/L		11/09/21 13:30	11/09/21 18:06	1

APPENDIX D

HISTORIC LAB REPORTS

Groundwater

Well OW-1

ANALYTICAL RESULTS

H2M
GAS CHROMATOGRAPHY/MASS SPECTROMETRY
PRIORITY POLLUTANT ANALYSES

Report Date: 8/24/84

VOLATILES

COMPOUND	DETECTION LIMIT ($\mu\text{g}/\text{l}$)	SAMPLE IDENTIFICATION		
		OW-1	OW-1B	OW-2
acrolein	400	ND	ND	ND
acrylonitrile	400	ND	ND	ND
benzene	4.4	ND	ND	ND
bromodichloromethane	2.2	ND	ND	ND
bromoform	4.7	ND	ND	ND
bromomethane	10	ND	ND	ND
carbon tetrachloride	2.8	ND	ND	ND
chlorobenzene	6.0	ND	ND	ND
chloroethane	10	ND	ND	ND
2-chloroethylvinyl ether	10	ND	ND	ND
chloroform	1.6	ND	ND	ND
chloromethane	10	ND	ND	ND
dibromochloromethane	3.1	ND	ND	ND
1,1-dichloroethane	4.7	ND	ND	ND
1,2-dichloroethane	2.8	ND	ND	ND
1,1-dichloroethylene	2.8	ND	ND	ND
trans-1,2-dichloroethylene	1.6	ND	ND	ND
1,2-dichloropropane	6.0	ND	ND	ND
1,3-dichloropropene	5.0	ND	ND	ND
ethylbenzene	7.2	ND	ND	ND
methylene chloride	2.8	ND	ND	ND
1,1,2,2-tetrachloroethane	6.9	ND	ND	ND
tetrachloroethylene	4.1	ND	ND	ND

(Continued)



ANALYTICAL RESULTS

H2M
GAS CHROMATOGRAPHY/MASS SPECTROMETRY
PRIORITY POLLUTANT ANALYSES

Report Date: 8/24/84

VOLATILES

COMPOUND	DETECTION LIMIT ($\mu\text{g}/\text{l}$)	SAMPLE IDENTIFICATION		
		OW-1	OW-1B	OW-2
toluene	6.0	ND	ND	ND
1,1,1-trichloroethane	3.8	ND	BDL	ND
1,1,2-trichloroethane	5.0	ND	ND	ND
trichloroethylene	1.9	ND	ND	ND
vinyl chloride	10	ND	ND	ND

ADDITIONAL SAMPLE INFORMATION

Sample Date	7/2/84	7/3/84	7/3/84
Analysis Date	8/13/84	8/13/84	8/13/84
Internal Standard - Level	40 $\mu\text{g}/\text{l}$	40 $\mu\text{g}/\text{l}$	40 $\mu\text{g}/\text{l}$
bromochloromethane - Recovery	99%	120%	96%
Internal Standard - Level	40 $\mu\text{g}/\text{l}$	40 $\mu\text{g}/\text{l}$	40 $\mu\text{g}/\text{l}$
2-bromo-1-chloropropane - Recovery	99%	110%	96%
Internal Standard - Level	40 $\mu\text{g}/\text{l}$	40 $\mu\text{g}/\text{l}$	40 $\mu\text{g}/\text{l}$
1,4-dichlorobutane - Recovery	99%	120%	100%

FOR RECRA ENVIRONMENTAL LABORATORIES

DATE

Barbara J. Kapinski
8/24/84



ANALYTICAL RESULTS

H2M

GAS CHROMATOGRAPHY/MASS SPECTROMETRY
PRIORITY POLLUTANT ANALYSES

Report Date: 8/24/84

BASE/NEUTRALS

COMPOUND	DETECTION LIMIT (ug/l)	SAMPLE IDENTIFICATION		
		OW-1	OW-1B	OW-2
acenaphthene	1.9	ND	ND	ND
acenaphthylene	3.5	ND	ND	ND
anthracene	1.9	ND	ND	ND
benzidine	44	ND	ND	ND
benzo(a)anthracene	7.8	ND	ND	ND
benzo(a)pyrene	2.5	ND	ND	ND
benzo(b)fluoranthene	4.8	ND	ND	ND
benzo(g,h,i)perylene	4.1	ND	ND	ND
benzo(k)fluoranthene	2.5	ND	ND	ND
bis(2-chloroethoxy)methane	5.3	ND	ND	ND
bis(2-chloroethyl)ether	5.7	ND	ND	ND
bis(2-chloroisopropyl)ether	5.7	ND	ND	ND
bis(2-ethylhexyl)phthalate	2.5	ND	ND	ND
4-bromophenylphenylether	1.9	ND	ND	ND
butylbenzylphthalate	2.5	ND	ND	ND
2-chloronaphthalene	1.9	ND	ND	ND
4-chlorophenylphenylether	4.2	ND	ND	ND
chrysene	2.5	ND	ND	ND
dibenzo(a,h)anthracene	2.5	ND	ND	ND
1,2-dichlorobenzene	1.9	ND	ND	ND
1,3-dichlorobenzene	1.9	ND	ND	ND
1,4-dichlorobenzene	4.4	ND	ND	ND
3,3'-dichlorobenzidine	16.5	ND	ND	ND
diethylphthalate	22	ND	ND	ND
dimethylphthalate	1.6	ND	ND	ND
di-n-butylphthalate	2.5	ND	ND	ND

(Continued)



ANALYTICAL RESULTS

H2M
GAS CHROMATOGRAPHY/MASS SPECTROMETRY
PRIORITY POLLUTANT ANALYSES

Report Date: 8/24/84

BASE/NEUTRALS

COMPOUND	DETECTION LIMIT (µg/l)	SAMPLE IDENTIFICATION		
		OW-1	OW-1B	OW-2
2,6-dinitrotoluene	1.9	ND	ND	ND
2,4-dinitrotoluene	5.7	ND	ND	ND
di-n-octylphthalate	2.5	ND	ND	ND
1,2-diphenylhydrazine	25	ND	ND	ND
fluoranthene	2.2	ND	ND	ND
fluorene	1.9	ND	ND	ND
hexachlorobenzene	1.9	ND	ND	ND
hexachlorobutadiene	0.9	ND	ND	ND
hexachlorocyclopentadiene	25	ND	ND	ND
hexachloroethane	1.6	ND	ND	ND
indeno(1,2,3-cd)pyrene	3.7	ND	ND	ND
isophorone	2.2	ND	ND	ND
naphthalene	1.6	ND	ND	ND
nitrobenzene	1.9	ND	ND	ND
N-nitrosodimethylamine	25	ND	ND	ND
N-nitrosodi-n-propylamine	25	ND	ND	ND
N-nitrosodiphenylamine	1.9	ND	ND	ND
phenanthrene	5.4	ND	ND	ND
pyrene	1.9	ND	ND	ND
1,2,4-trichlorobenzene	1.9	ND	ND	ND

ADDITIONAL SAMPLE INFORMATION

Sample Date	7/2/84	7/3/84	7/3/84
Extraction Date	7/31/84	8/22/84	7/31/84
Analysis Date	8/14/84	8/23/84	8/15/84
Internal Standard - Level	20 µg/l	20 µg/l	20 µg/l
deuterated phenanthrene - Recovery	102%	82%	130%
Surrogate Standard (SS3) - Level	120 µg/l	120 µg/l	120 µg/l
decafluorobiphenyl - Recovery	54%	62%	65%
Surrogate Standard (SS4) - Level	100 µg/l	100 µg/l	100 µg/l
2-fluorobiphenyl - Recovery	61%	70%	63%



FOR RECRA ENVIRONMENTAL LABORATORIES

DATE

Babara J. Kiepinski
8/24/84

ANALYTICAL RESULTS

H2M

Report Date: 8/24/84

SAMPLE IDENTIFICATION	SAMPLE DATE	PARAMETER (UNITS OF MEASURE)
		TOTAL ORGANIC HALIDE (mg/l)
OW-1	7/2/84	<0.02
OW-1B	7/3/84	<0.02
OW-2	7/3/84	0.04
OW-3	7/2/84	0.04
OW-4	7/3/84	0.09
OW-5	7/10/84	<0.02
OW-6	7/10/84	0.12
Osterman Well	7/11/84	0.04

FOR RECRA ENVIRONMENTAL LABORATORIES

DATE

Barbara J Krajewski
8/24/84



RECRA ENVIRONMENTAL LABORATORIES

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-1

Lab Sample ID: 480-43118-8

Date Sampled: 08/02/2013 1450

Client Matrix: Water

Date Received: 08/02/2013 1605

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-132975	Instrument ID:	HP5973P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P0712.D
Dilution:	4.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/08/2013 2020			Final Weight/Volume:	5 mL
Prep Date:	08/08/2013 2020				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		3.3	4.0
1,1,2,2-Tetrachloroethane	ND		0.84	4.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.2	4.0
1,1,2-Trichloroethane	ND		0.92	4.0
1,1-Dichloroethane	ND		1.5	4.0
1,1-Dichloroethene	ND		1.2	4.0
1,2,4-Trichlorobenzene	ND		1.6	4.0
1,2-Dibromo-3-Chloropropane	ND		1.6	4.0
1,2-Dibromoethane	ND		2.9	4.0
1,2-Dichlorobenzene	ND		3.2	4.0
1,2-Dichloroethane	ND		0.84	4.0
1,2-Dichloropropane	ND		2.9	4.0
1,3-Dichlorobenzene	ND		3.1	4.0
1,4-Dichlorobenzene	ND		3.4	4.0
2-Butanone (MEK)	ND		5.3	40
2-Hexanone	ND		5.0	20
4-Methyl-2-pentanone (MIBK)	ND		8.4	20
Acetone	ND		12	40
Benzene	ND		1.6	4.0
Bromodichloromethane	ND		1.6	4.0
Bromoform	ND		1.0	4.0
Bromomethane	ND		2.8	4.0
Carbon disulfide	ND		0.76	4.0
Carbon tetrachloride	ND		1.1	4.0
Chlorobenzene	ND		3.0	4.0
Chloroethane	ND		1.3	4.0
Chloroform	ND		1.4	4.0
Chloromethane	ND		1.4	4.0
cis-1,2-Dichloroethene	ND		3.2	4.0
cis-1,3-Dichloropropene	ND		1.4	4.0
Cyclohexane	ND		0.72	4.0
Dibromochloromethane	ND		1.3	4.0
Dichlorodifluoromethane	ND		2.7	4.0
Ethylbenzene	ND		3.0	4.0
Isopropylbenzene	ND		3.2	4.0
Methyl acetate	ND		2.0	4.0
Methyl tert-butyl ether	ND		0.64	4.0
Methylcyclohexane	ND		0.64	4.0
Methylene Chloride	ND		1.8	4.0
Styrene	ND		2.9	4.0
Tetrachloroethene	ND		1.4	4.0
Toluene	ND		2.0	4.0
trans-1,2-Dichloroethene	ND		3.6	4.0
trans-1,3-Dichloropropene	ND		1.5	4.0
Trichloroethene	ND		1.8	4.0
Trichlorofluoromethane	ND		3.5	4.0

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-1

Lab Sample ID: 480-43118-8

Date Sampled: 08/02/2013 1450

Client Matrix: Water

Date Received: 08/02/2013 1605

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-132975	Instrument ID:	HP5973P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P0712.D
Dilution:	4.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/08/2013 2020			Final Weight/Volume:	5 mL
Prep Date:	08/08/2013 2020				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		3.6	4.0
Xylenes, Total	ND		2.6	8.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	127		66 - 137
4-Bromofluorobenzene (Surr)	103		73 - 120
Toluene-d8 (Surr)	100		71 - 126

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-1

Lab Sample ID: 480-43118-8

Client Matrix: Water

Date Sampled: 08/02/2013 1450

Date Received: 08/02/2013 1605

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	480-133115	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-132301	Lab File ID:	W002997.D
Dilution:	1.0			Initial Weight/Volume:	258.5 mL
Analysis Date:	08/09/2013 1603			Final Weight/Volume:	1 mL
Prep Date:	08/05/2013 0723			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Biphenyl	ND		0.63	4.8
bis (2-chloroisopropyl) ether	ND		0.50	4.8
2,4,5-Trichlorophenol	ND		0.46	4.8
2,4,6-Trichlorophenol	ND		0.59	4.8
2,4-Dichlorophenol	ND		0.49	4.8
2,4-Dimethylphenol	ND		0.48	4.8
2,4-Dinitrophenol	ND		2.1	9.7
2,4-Dinitrotoluene	ND		0.43	4.8
2,6-Dinitrotoluene	ND		0.39	4.8
2-Chloronaphthalene	ND		0.44	4.8
2-Chlorophenol	ND		0.51	4.8
2-Methylnaphthalene	ND		0.58	4.8
2-Methylphenol	ND		0.39	4.8
2-Nitroaniline	ND		0.41	9.7
2-Nitrophenol	ND		0.46	4.8
3,3'-Dichlorobenzidine	ND		0.39	4.8
3-Nitroaniline	ND	*	0.46	9.7
4,6-Dinitro-2-methylphenol	ND		2.1	9.7
4-Bromophenyl phenyl ether	ND		0.44	4.8
4-Chloro-3-methylphenol	ND		0.44	4.8
4-Chloroaniline	ND	*	0.57	4.8
4-Chlorophenyl phenyl ether	ND		0.34	4.8
4-Methylphenol	ND		0.35	9.7
4-Nitroaniline	ND		0.24	9.7
4-Nitrophenol	ND		1.5	9.7
Acenaphthene	ND		0.40	4.8
Acenaphthylene	ND		0.37	4.8
Acetophenone	ND		0.52	4.8
Anthracene	ND		0.27	4.8
Atrazine	ND		0.44	4.8
Benzaldehyde	0.30	J B *	0.26	4.8
Benzo(a)anthracene	ND		0.35	4.8
Benzo(a)pyrene	ND		0.45	4.8
Benzo(b)fluoranthene	ND		0.33	4.8
Benzo(g,h,i)perylene	ND		0.34	4.8
Benzo(k)fluoranthene	ND		0.71	4.8
Bis(2-chloroethoxy)methane	ND		0.34	4.8
Bis(2-chloroethyl)ether	ND		0.39	4.8
Bis(2-ethylhexyl) phthalate	ND		1.7	4.8
Butyl benzyl phthalate	ND		0.41	4.8
Caprolactam	ND		2.1	4.8
Carbazole	ND		0.29	4.8
Chrysene	ND		0.32	4.8
Di-n-butyl phthalate	0.67	J B	0.30	4.8
Di-n-octyl phthalate	ND		0.45	4.8
Dibenz(a,h)anthracene	ND		0.41	4.8

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-1

Lab Sample ID: 480-43118-8

Client Matrix: Water

Date Sampled: 08/02/2013 1450

Date Received: 08/02/2013 1605

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	480-133115	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-132301	Lab File ID:	W002997.D
Dilution:	1.0			Initial Weight/Volume:	258.5 mL
Analysis Date:	08/09/2013 1603			Final Weight/Volume:	1 mL
Prep Date:	08/05/2013 0723			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dibenzofuran	ND		0.49	9.7
Diethyl phthalate	ND		0.21	4.8
Dimethyl phthalate	ND		0.35	4.8
Fluoranthene	ND		0.39	4.8
Fluorene	ND		0.35	4.8
Hexachlorobenzene	ND		0.49	4.8
Hexachlorobutadiene	ND		0.66	4.8
Hexachlorocyclopentadiene	ND		0.57	4.8
Hexachloroethane	ND		0.57	4.8
Indeno(1,2,3-cd)pyrene	ND		0.45	4.8
Isophorone	ND		0.42	4.8
N-Nitrosodi-n-propylamine	ND		0.52	4.8
N-Nitrosodiphenylamine	ND		0.49	4.8
Naphthalene	ND		0.74	4.8
Nitrobenzene	ND		0.28	4.8
Pentachlorophenol	ND		2.1	9.7
Phenanthrene	0.78	J B	0.43	4.8
Phenol	ND		0.38	4.8
Pyrene	ND		0.33	4.8

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	85		39 - 146
2-Fluorobiphenyl	82		37 - 120
2-Fluorophenol	57		18 - 120
Nitrobenzene-d5	84		34 - 132
p-Terphenyl-d14	95		58 - 147
Phenol-d5	40		11 - 120

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-1

Lab Sample ID: 480-43118-8

Date Sampled: 08/02/2013 1450

Client Matrix: Water

Date Received: 08/02/2013 1605

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	480-132512	Instrument ID:	HP6890-5
Prep Method:	3510C	Prep Batch:	480-132305	Initial Weight/Volume:	269.3 mL
Dilution:	5.0			Final Weight/Volume:	2 mL
Analysis Date:	08/06/2013 1543			Injection Volume:	1 uL
Prep Date:	08/05/2013 0739			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	ND		0.043	0.23
4,4'-DDE	ND		0.054	0.23
4,4'-DDT	ND		0.051	0.23
Aldrin	ND		0.031	0.23
alpha-BHC	ND		0.031	0.23
alpha-Chlordane	ND		0.069	0.23
beta-BHC	ND		0.12	0.23
delta-BHC	ND		0.046	0.23
Dieldrin	ND		0.045	0.23
Endosulfan I	ND		0.051	0.23
Endosulfan II	ND		0.056	0.23
Endosulfan sulfate	ND		0.073	0.23
Endrin	ND		0.064	0.23
Endrin aldehyde	ND		0.076	0.23
Endrin ketone	ND		0.056	0.23
gamma-BHC (Lindane)	0.095	J	0.028	0.23
gamma-Chlordane	ND		0.051	0.23
Heptachlor	ND		0.039	0.23
Heptachlor epoxide	ND		0.025	0.23
Methoxychlor	ND		0.065	0.23
Toxaphene	ND		0.56	2.3
Surrogate	%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl	44		20 - 120	
Tetrachloro-m-xylene	246	X	36 - 120	

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-1

Lab Sample ID: 480-43118-8

Date Sampled: 08/02/2013 1450

Client Matrix: Water

Date Received: 08/02/2013 1605

8151A Herbicidas (GC)

Analysis Method:	8151A	Analysis Batch:	480-132866	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-132602	Initial Weight/Volume:	1022 mL
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	08/09/2013 0954			Injection Volume:	1 uL
Prep Date:	08/06/2013 1500			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,5-T	ND		0.15	0.49
Silvex (2,4,5-TP)	ND		0.35	0.49
2,4-D	ND		0.39	0.49

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	122		40 - 135

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-1

Lab Sample ID: 480-43118-8

Client Matrix: Water

Date Sampled: 08/02/2013 1450

Date Received: 08/02/2013 1605

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	480-132492	Instrument ID:	ICAP1
Prep Method:	3005A	Prep Batch:	480-132263	Lab File ID:	I1080513B-6.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	08/06/2013 0004			Final Weight/Volume:	50 mL
Prep Date:	08/05/2013 0730				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Arsenic	0.0059	J	0.0056	0.010
Barium	0.065		0.00070	0.0020
Cadmium	0.0011		0.00050	0.0010
Chromium	0.0059		0.0010	0.0040
Lead	ND		0.0030	0.0050
Selenium	ND		0.0087	0.015
Silver	ND		0.0017	0.0030

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	480-132406	Instrument ID:	LEEMAN3
Prep Method:	7470A	Prep Batch:	480-132313	Lab File ID:	J08053W1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	08/05/2013 1334			Final Weight/Volume:	50 mL
Prep Date:	08/05/2013 0815				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	ND		0.00012	0.00020

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123304-1

Client Sample ID: NS-OW1-GW

Lab Sample ID: 480-123304-4

Date Collected: 08/28/17 12:40

Matrix: Water

Date Received: 08/28/17 15:43

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			08/30/17 16:50	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			08/30/17 16:50	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			08/30/17 16:50	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			08/30/17 16:50	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			08/30/17 16:50	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			08/30/17 16:50	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			08/30/17 16:50	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			08/30/17 16:50	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			08/30/17 16:50	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			08/30/17 16:50	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			08/30/17 16:50	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			08/30/17 16:50	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			08/30/17 16:50	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			08/30/17 16:50	4
2-Butanone (MEK)	ND		40	5.3	ug/L			08/30/17 16:50	4
2-Hexanone	ND		20	5.0	ug/L			08/30/17 16:50	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			08/30/17 16:50	4
Acetone	ND		40	12	ug/L			08/30/17 16:50	4
Benzene	ND		4.0	1.6	ug/L			08/30/17 16:50	4
Bromodichloromethane	ND		4.0	1.6	ug/L			08/30/17 16:50	4
Bromoform	ND		4.0	1.0	ug/L			08/30/17 16:50	4
Bromomethane	ND		4.0	2.8	ug/L			08/30/17 16:50	4
Carbon disulfide	ND		4.0	0.76	ug/L			08/30/17 16:50	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			08/30/17 16:50	4
Chlorobenzene	ND		4.0	3.0	ug/L			08/30/17 16:50	4
Chloroethane	ND		4.0	1.3	ug/L			08/30/17 16:50	4
Chloroform	ND		4.0	1.4	ug/L			08/30/17 16:50	4
Chloromethane	ND		4.0	1.4	ug/L			08/30/17 16:50	4
cis-1,2-Dichloroethene	ND		4.0	3.2	ug/L			08/30/17 16:50	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			08/30/17 16:50	4
Cyclohexane	ND		4.0	0.72	ug/L			08/30/17 16:50	4
Dibromochloromethane	ND		4.0	1.3	ug/L			08/30/17 16:50	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			08/30/17 16:50	4
Ethylbenzene	ND		4.0	3.0	ug/L			08/30/17 16:50	4
Isopropylbenzene	ND		4.0	3.2	ug/L			08/30/17 16:50	4
Methyl acetate	ND		10	5.2	ug/L			08/30/17 16:50	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			08/30/17 16:50	4
Methylcyclohexane	ND		4.0	0.64	ug/L			08/30/17 16:50	4
Methylene Chloride	ND		4.0	1.8	ug/L			08/30/17 16:50	4
Styrene	ND		4.0	2.9	ug/L			08/30/17 16:50	4
Tetrachloroethene	ND		4.0	1.4	ug/L			08/30/17 16:50	4
Toluene	ND		4.0	2.0	ug/L			08/30/17 16:50	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			08/30/17 16:50	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			08/30/17 16:50	4
Trichloroethene	ND		4.0	1.8	ug/L			08/30/17 16:50	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			08/30/17 16:50	4
Vinyl chloride	ND		4.0	3.6	ug/L			08/30/17 16:50	4
Xylenes, Total	ND		8.0	2.6	ug/L			08/30/17 16:50	4

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123304-1

Client Sample ID: NS-OW1-GW

Lab Sample ID: 480-123304-4

Date Collected: 08/28/17 12:40

Matrix: Water

Date Received: 08/28/17 15:43

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		08/30/17 16:50	4
4-Bromofluorobenzene (Surr)	99		73 - 120		08/30/17 16:50	4
Toluene-d8 (Surr)	98		80 - 120		08/30/17 16:50	4

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		08/29/17 14:19	08/30/17 16:31	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		08/29/17 14:19	08/30/17 16:31	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		08/29/17 14:19	08/30/17 16:31	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		08/29/17 14:19	08/30/17 16:31	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		08/29/17 14:19	08/30/17 16:31	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		08/29/17 14:19	08/30/17 16:31	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		08/29/17 14:19	08/30/17 16:31	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		08/29/17 14:19	08/30/17 16:31	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		08/29/17 14:19	08/30/17 16:31	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		08/29/17 14:19	08/30/17 16:31	1
2-Chlorophenol	ND		5.0	0.53	ug/L		08/29/17 14:19	08/30/17 16:31	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/29/17 14:19	08/30/17 16:31	1
2-Methylphenol	ND		5.0	0.40	ug/L		08/29/17 14:19	08/30/17 16:31	1
2-Nitroaniline	ND		10	0.42	ug/L		08/29/17 14:19	08/30/17 16:31	1
2-Nitrophenol	ND		5.0	0.48	ug/L		08/29/17 14:19	08/30/17 16:31	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		08/29/17 14:19	08/30/17 16:31	1
3-Nitroaniline	ND		10	0.48	ug/L		08/29/17 14:19	08/30/17 16:31	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		08/29/17 14:19	08/30/17 16:31	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		08/29/17 14:19	08/30/17 16:31	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		08/29/17 14:19	08/30/17 16:31	1
4-Chloroaniline	ND		5.0	0.59	ug/L		08/29/17 14:19	08/30/17 16:31	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		08/29/17 14:19	08/30/17 16:31	1
4-Methylphenol	ND		10	0.36	ug/L		08/29/17 14:19	08/30/17 16:31	1
4-Nitroaniline	ND		10	0.25	ug/L		08/29/17 14:19	08/30/17 16:31	1
4-Nitrophenol	ND		10	1.5	ug/L		08/29/17 14:19	08/30/17 16:31	1
Acenaphthene	ND		5.0	0.41	ug/L		08/29/17 14:19	08/30/17 16:31	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/29/17 14:19	08/30/17 16:31	1
Acetophenone	ND		5.0	0.54	ug/L		08/29/17 14:19	08/30/17 16:31	1
Anthracene	ND		5.0	0.28	ug/L		08/29/17 14:19	08/30/17 16:31	1
Atrazine	ND		5.0	0.46	ug/L		08/29/17 14:19	08/30/17 16:31	1
Benzaldehyde	ND		5.0	0.27	ug/L		08/29/17 14:19	08/30/17 16:31	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		08/29/17 14:19	08/30/17 16:31	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		08/29/17 14:19	08/30/17 16:31	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		08/29/17 14:19	08/30/17 16:31	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		08/29/17 14:19	08/30/17 16:31	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		08/29/17 14:19	08/30/17 16:31	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		08/29/17 14:19	08/30/17 16:31	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		08/29/17 14:19	08/30/17 16:31	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		08/29/17 14:19	08/30/17 16:31	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		08/29/17 14:19	08/30/17 16:31	1
Caprolactam	ND		5.0	2.2	ug/L		08/29/17 14:19	08/30/17 16:31	1
Carbazole	ND		5.0	0.30	ug/L		08/29/17 14:19	08/30/17 16:31	1
Chrysene	ND		5.0	0.33	ug/L		08/29/17 14:19	08/30/17 16:31	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		08/29/17 14:19	08/30/17 16:31	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123304-1

Client Sample ID: NS-OW1-GW

Lab Sample ID: 480-123304-4

Date Collected: 08/28/17 12:40

Matrix: Water

Date Received: 08/28/17 15:43

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		08/29/17 14:19	08/30/17 16:31	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/29/17 14:19	08/30/17 16:31	1
Dibenzofuran	ND		10	0.51	ug/L		08/29/17 14:19	08/30/17 16:31	1
Diethyl phthalate	ND		5.0	0.22	ug/L		08/29/17 14:19	08/30/17 16:31	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		08/29/17 14:19	08/30/17 16:31	1
Fluoranthene	ND		5.0	0.40	ug/L		08/29/17 14:19	08/30/17 16:31	1
Fluorene	ND		5.0	0.36	ug/L		08/29/17 14:19	08/30/17 16:31	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		08/29/17 14:19	08/30/17 16:31	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		08/29/17 14:19	08/30/17 16:31	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		08/29/17 14:19	08/30/17 16:31	1
Hexachloroethane	ND		5.0	0.59	ug/L		08/29/17 14:19	08/30/17 16:31	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		08/29/17 14:19	08/30/17 16:31	1
Isophorone	ND		5.0	0.43	ug/L		08/29/17 14:19	08/30/17 16:31	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		08/29/17 14:19	08/30/17 16:31	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		08/29/17 14:19	08/30/17 16:31	1
Naphthalene	ND		5.0	0.76	ug/L		08/29/17 14:19	08/30/17 16:31	1
Nitrobenzene	ND		5.0	0.29	ug/L		08/29/17 14:19	08/30/17 16:31	1
Pentachlorophenol	ND		10	2.2	ug/L		08/29/17 14:19	08/30/17 16:31	1
Phenanthrene	ND		5.0	0.44	ug/L		08/29/17 14:19	08/30/17 16:31	1
Phenol	ND		5.0	0.39	ug/L		08/29/17 14:19	08/30/17 16:31	1
Pyrene	ND		5.0	0.34	ug/L		08/29/17 14:19	08/30/17 16:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	92		41 - 120	08/29/17 14:19	08/30/17 16:31	1
2-Fluorobiphenyl	68		48 - 120	08/29/17 14:19	08/30/17 16:31	1
2-Fluorophenol	52		35 - 120	08/29/17 14:19	08/30/17 16:31	1
Nitrobenzene-d5	70		46 - 120	08/29/17 14:19	08/30/17 16:31	1
p-Terphenyl-d14	71		59 - 136	08/29/17 14:19	08/30/17 16:31	1
Phenol-d5	43		22 - 120	08/29/17 14:19	08/30/17 16:31	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		08/29/17 07:47	08/29/17 20:54	1
4,4'-DDE	ND		0.050	0.012	ug/L		08/29/17 07:47	08/29/17 20:54	1
4,4'-DDT	ND		0.050	0.011	ug/L		08/29/17 07:47	08/29/17 20:54	1
Aldrin	ND		0.050	0.0081	ug/L		08/29/17 07:47	08/29/17 20:54	1
alpha-BHC	ND		0.050	0.0077	ug/L		08/29/17 07:47	08/29/17 20:54	1
alpha-Chlordane	ND		0.050	0.015	ug/L		08/29/17 07:47	08/29/17 20:54	1
beta-BHC	ND		0.050	0.025	ug/L		08/29/17 07:47	08/29/17 20:54	1
delta-BHC	ND		0.050	0.010	ug/L		08/29/17 07:47	08/29/17 20:54	1
Dieldrin	ND		0.050	0.0098	ug/L		08/29/17 07:47	08/29/17 20:54	1
Endosulfan I	ND		0.050	0.011	ug/L		08/29/17 07:47	08/29/17 20:54	1
Endosulfan II	ND		0.050	0.012	ug/L		08/29/17 07:47	08/29/17 20:54	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		08/29/17 07:47	08/29/17 20:54	1
Endrin	ND		0.050	0.014	ug/L		08/29/17 07:47	08/29/17 20:54	1
Endrin aldehyde	ND		0.050	0.016	ug/L		08/29/17 07:47	08/29/17 20:54	1
Endrin ketone	ND		0.050	0.012	ug/L		08/29/17 07:47	08/29/17 20:54	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		08/29/17 07:47	08/29/17 20:54	1
gamma-Chlordane	ND		0.050	0.011	ug/L		08/29/17 07:47	08/29/17 20:54	1
Heptachlor	ND		0.050	0.0085	ug/L		08/29/17 07:47	08/29/17 20:54	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123304-1

Client Sample ID: NS-OW1-GW

Lab Sample ID: 480-123304-4

Date Collected: 08/28/17 12:40

Matrix: Water

Date Received: 08/28/17 15:43

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		0.050	0.0074	ug/L		08/29/17 07:47	08/29/17 20:54	1
Methoxychlor	ND		0.050	0.014	ug/L		08/29/17 07:47	08/29/17 20:54	1
Toxaphene	ND		0.50	0.12	ug/L		08/29/17 07:47	08/29/17 20:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	99		20 - 120				08/29/17 07:47	08/29/17 20:54	1
DCB Decachlorobiphenyl	81		20 - 120				08/29/17 07:47	08/29/17 20:54	1
Tetrachloro-m-xylene	158	X	44 - 120				08/29/17 07:47	08/29/17 20:54	1
Tetrachloro-m-xylene	144	X	44 - 120				08/29/17 07:47	08/29/17 20:54	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		08/29/17 14:46	08/30/17 22:22	1
PCB-1221	ND		0.50	0.18	ug/L		08/29/17 14:46	08/30/17 22:22	1
PCB-1232	ND		0.50	0.18	ug/L		08/29/17 14:46	08/30/17 22:22	1
PCB-1242	ND		0.50	0.18	ug/L		08/29/17 14:46	08/30/17 22:22	1
PCB-1248	ND		0.50	0.18	ug/L		08/29/17 14:46	08/30/17 22:22	1
PCB-1254	ND		0.50	0.25	ug/L		08/29/17 14:46	08/30/17 22:22	1
PCB-1260	ND		0.50	0.25	ug/L		08/29/17 14:46	08/30/17 22:22	1
PCB-1262	ND		0.50	0.25	ug/L		08/29/17 14:46	08/30/17 22:22	1
PCB-1268	ND		0.50	0.25	ug/L		08/29/17 14:46	08/30/17 22:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	92		39 - 121				08/29/17 14:46	08/30/17 22:22	1
Tetrachloro-m-xylene	79		39 - 121				08/29/17 14:46	08/30/17 22:22	1
DCB Decachlorobiphenyl	88		19 - 120				08/29/17 14:46	08/30/17 22:22	1
DCB Decachlorobiphenyl	75		19 - 120				08/29/17 14:46	08/30/17 22:22	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/29/17 07:44	08/29/17 22:51	1
Antimony	ND		0.020	0.0068	mg/L		08/29/17 07:44	08/29/17 18:16	1
Arsenic	ND		0.015	0.0056	mg/L		08/29/17 07:44	08/29/17 18:16	1
Barium	0.031		0.0020	0.00070	mg/L		08/29/17 07:44	08/29/17 18:16	1
Beryllium	ND		0.0020	0.00030	mg/L		08/29/17 07:44	08/29/17 18:16	1
Cadmium	ND		0.0020	0.00050	mg/L		08/29/17 07:44	08/29/17 18:16	1
Calcium	441		0.50	0.10	mg/L		08/29/17 07:44	08/29/17 18:16	1
Chromium	ND		0.0040	0.0010	mg/L		08/29/17 07:44	08/29/17 18:16	1
Cobalt	0.0023	J	0.0040	0.00063	mg/L		08/29/17 07:44	08/29/17 18:16	1
Copper	ND		0.010	0.0016	mg/L		08/29/17 07:44	08/29/17 18:16	1
Iron	2.9		0.050	0.019	mg/L		08/29/17 07:44	08/29/17 18:16	1
Lead	ND		0.010	0.0030	mg/L		08/29/17 07:44	08/29/17 18:16	1
Magnesium	102		0.20	0.043	mg/L		08/29/17 07:44	08/29/17 18:16	1
Manganese	1.6	B	0.0030	0.00040	mg/L		08/29/17 07:44	08/29/17 18:16	1
Nickel	0.0056	J	0.010	0.0013	mg/L		08/29/17 07:44	08/29/17 18:16	1
Potassium	14.3		0.50	0.10	mg/L		08/29/17 07:44	08/29/17 18:16	1
Selenium	ND		0.025	0.0087	mg/L		08/29/17 07:44	08/29/17 18:16	1
Silver	ND		0.0060	0.0017	mg/L		08/29/17 07:44	08/29/17 18:16	1
Sodium	66.1		1.0	0.32	mg/L		08/29/17 07:44	08/29/17 18:16	1
Thallium	ND		0.020	0.010	mg/L		08/29/17 07:44	08/29/17 18:16	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123304-1

Client Sample ID: NS-OW1-GW

Lab Sample ID: 480-123304-4

Date Collected: 08/28/17 12:40

Matrix: Water

Date Received: 08/28/17 15:43

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	ND		0.0050	0.0015	mg/L		08/29/17 07:44	08/29/17 18:16	1
Zinc	0.0020	J	0.010	0.0015	mg/L		08/29/17 07:44	08/29/17 18:16	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/30/17 08:43	08/30/17 19:38	1
Antimony	ND		0.020	0.0068	mg/L		08/30/17 08:43	08/30/17 19:38	1
Arsenic	ND		0.015	0.0056	mg/L		08/30/17 08:43	08/30/17 19:38	1
Barium	0.032		0.0020	0.00070	mg/L		08/30/17 08:43	08/30/17 19:38	1
Beryllium	ND		0.0020	0.00030	mg/L		08/30/17 08:43	08/30/17 19:38	1
Cadmium	ND		0.0020	0.00050	mg/L		08/30/17 08:43	08/30/17 19:38	1
Calcium	442		0.50	0.10	mg/L		08/30/17 08:43	08/30/17 19:38	1
Chromium	ND		0.0040	0.0010	mg/L		08/30/17 08:43	08/30/17 19:38	1
Cobalt	0.0030	J	0.0040	0.00063	mg/L		08/30/17 08:43	08/30/17 19:38	1
Copper	ND		0.010	0.0016	mg/L		08/30/17 08:43	08/30/17 19:38	1
Iron	2.3		0.050	0.019	mg/L		08/30/17 08:43	08/30/17 19:38	1
Lead	ND		0.010	0.0030	mg/L		08/30/17 08:43	08/30/17 19:38	1
Magnesium	109		0.20	0.043	mg/L		08/30/17 08:43	08/30/17 19:38	1
Manganese	1.6	B	0.0030	0.00040	mg/L		08/30/17 08:43	08/30/17 19:38	1
Nickel	0.0088	J	0.010	0.0013	mg/L		08/30/17 08:43	08/30/17 19:38	1
Potassium	14.3		0.50	0.10	mg/L		08/30/17 08:43	08/30/17 19:38	1
Selenium	ND		0.025	0.0087	mg/L		08/30/17 08:43	08/30/17 19:38	1
Silver	ND		0.0060	0.0017	mg/L		08/30/17 08:43	08/30/17 19:38	1
Sodium	68.2		1.0	0.32	mg/L		08/30/17 08:43	08/30/17 19:38	1
Thallium	ND		0.020	0.010	mg/L		08/30/17 08:43	08/30/17 19:38	1
Vanadium	ND		0.0050	0.0015	mg/L		08/30/17 08:43	08/30/17 19:38	1
Zinc	0.0088	J B	0.010	0.0015	mg/L		08/30/17 08:43	08/30/17 19:38	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/29/17 10:55	08/29/17 14:26	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/30/17 10:55	08/30/17 16:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	135		5.0	2.8	mg/L			08/29/17 17:22	10
Sulfate	648		20.0	3.5	mg/L			08/29/17 17:22	10
Alkalinity, Total	941		5.0	0.79	mg/L			08/29/17 18:30	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-165018-1

Client Sample ID: OW-01

Lab Sample ID: 480-165018-3

Date Collected: 01/09/20 12:30

Matrix: Water

Date Received: 01/09/20 14:10

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/13/20 13:09	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/13/20 13:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/13/20 13:09	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/13/20 13:09	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/13/20 13:09	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/13/20 13:09	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/13/20 13:09	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/13/20 13:09	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/13/20 13:09	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/13/20 13:09	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/13/20 13:09	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/13/20 13:09	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/13/20 13:09	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/13/20 13:09	1
2-Butanone (MEK)	3.1	J	10	1.3	ug/L			01/13/20 13:09	1
2-Hexanone	ND		5.0	1.2	ug/L			01/13/20 13:09	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/13/20 13:09	1
Acetone	ND		10	3.0	ug/L			01/13/20 13:09	1
Benzene	ND		1.0	0.41	ug/L			01/13/20 13:09	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/13/20 13:09	1
Bromoform	ND		1.0	0.26	ug/L			01/13/20 13:09	1
Bromomethane	ND		1.0	0.69	ug/L			01/13/20 13:09	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/13/20 13:09	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/13/20 13:09	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/13/20 13:09	1
Chloroethane	ND		1.0	0.32	ug/L			01/13/20 13:09	1
Chloroform	ND		1.0	0.34	ug/L			01/13/20 13:09	1
Chloromethane	ND		1.0	0.35	ug/L			01/13/20 13:09	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/13/20 13:09	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/13/20 13:09	1
Cyclohexane	ND		1.0	0.18	ug/L			01/13/20 13:09	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/13/20 13:09	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/13/20 13:09	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/13/20 13:09	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/13/20 13:09	1
Methyl acetate	ND		2.5	1.3	ug/L			01/13/20 13:09	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/13/20 13:09	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/13/20 13:09	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/13/20 13:09	1
Styrene	ND		1.0	0.73	ug/L			01/13/20 13:09	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/13/20 13:09	1
Toluene	ND		1.0	0.51	ug/L			01/13/20 13:09	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/13/20 13:09	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/13/20 13:09	1
Trichloroethene	ND		1.0	0.46	ug/L			01/13/20 13:09	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/13/20 13:09	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/13/20 13:09	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/13/20 13:09	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-165018-1

Client Sample ID: OW-01

Lab Sample ID: 480-165018-3

Date Collected: 01/09/20 12:30

Matrix: Water

Date Received: 01/09/20 14:10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		77 - 120		01/13/20 13:09	1
4-Bromofluorobenzene (Surr)	107		73 - 120		01/13/20 13:09	1
Toluene-d8 (Surr)	103		80 - 120		01/13/20 13:09	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		01/13/20 08:53	01/15/20 03:14	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		01/13/20 08:53	01/15/20 03:14	1
2,4,5-Trichlorophenol	ND	*	5.0	0.48	ug/L		01/13/20 08:53	01/15/20 03:14	1
2,4,6-Trichlorophenol	ND	*	5.0	0.61	ug/L		01/13/20 08:53	01/15/20 03:14	1
2,4-Dichlorophenol	ND	*	5.0	0.51	ug/L		01/13/20 08:53	01/15/20 03:14	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		01/13/20 08:53	01/15/20 03:14	1
2,4-Dinitrophenol	ND	*	10	2.2	ug/L		01/13/20 08:53	01/15/20 03:14	1
2,4-Dinitrotoluene	ND	*	5.0	0.45	ug/L		01/13/20 08:53	01/15/20 03:14	1
2,6-Dinitrotoluene	ND	*	5.0	0.40	ug/L		01/13/20 08:53	01/15/20 03:14	1
2-Chloronaphthalene	ND	*	5.0	0.46	ug/L		01/13/20 08:53	01/15/20 03:14	1
2-Chlorophenol	ND		5.0	0.53	ug/L		01/13/20 08:53	01/15/20 03:14	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		01/13/20 08:53	01/15/20 03:14	1
2-Methylphenol	ND		5.0	0.40	ug/L		01/13/20 08:53	01/15/20 03:14	1
2-Nitroaniline	ND	*	10	0.42	ug/L		01/13/20 08:53	01/15/20 03:14	1
2-Nitrophenol	ND	*	5.0	0.48	ug/L		01/13/20 08:53	01/15/20 03:14	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		01/13/20 08:53	01/15/20 03:14	1
3-Nitroaniline	ND	*	10	0.48	ug/L		01/13/20 08:53	01/15/20 03:14	1
4,6-Dinitro-2-methylphenol	ND	*	10	2.2	ug/L		01/13/20 08:53	01/15/20 03:14	1
4-Bromophenyl phenyl ether	ND	*	5.0	0.45	ug/L		01/13/20 08:53	01/15/20 03:14	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		01/13/20 08:53	01/15/20 03:14	1
4-Chloroaniline	ND	*	5.0	0.59	ug/L		01/13/20 08:53	01/15/20 03:14	1
4-Chlorophenyl phenyl ether	ND	*	5.0	0.35	ug/L		01/13/20 08:53	01/15/20 03:14	1
4-Methylphenol	ND		10	0.36	ug/L		01/13/20 08:53	01/15/20 03:14	1
4-Nitroaniline	ND	*	10	0.25	ug/L		01/13/20 08:53	01/15/20 03:14	1
4-Nitrophenol	ND		10	1.5	ug/L		01/13/20 08:53	01/15/20 03:14	1
Acenaphthene	ND		5.0	0.41	ug/L		01/13/20 08:53	01/15/20 03:14	1
Acenaphthylene	ND	*	5.0	0.38	ug/L		01/13/20 08:53	01/15/20 03:14	1
Acetophenone	ND		5.0	0.54	ug/L		01/13/20 08:53	01/15/20 03:14	1
Anthracene	ND	*	5.0	0.28	ug/L		01/13/20 08:53	01/15/20 03:14	1
Atrazine	ND		5.0	0.46	ug/L		01/13/20 08:53	01/15/20 03:14	1
Benzaldehyde	0.29	J B	5.0	0.27	ug/L		01/13/20 08:53	01/15/20 03:14	1
Benzo(a)anthracene	ND	*	5.0	0.36	ug/L		01/13/20 08:53	01/15/20 03:14	1
Benzo(a)pyrene	ND	*	5.0	0.47	ug/L		01/13/20 08:53	01/15/20 03:14	1
Benzo(b)fluoranthene	ND	*	5.0	0.34	ug/L		01/13/20 08:53	01/15/20 03:14	1
Benzo(g,h,i)perylene	ND	*	5.0	0.35	ug/L		01/13/20 08:53	01/15/20 03:14	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		01/13/20 08:53	01/15/20 03:14	1
Bis(2-chloroethoxy)methane	ND	*	5.0	0.35	ug/L		01/13/20 08:53	01/15/20 03:14	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		01/13/20 08:53	01/15/20 03:14	1
Bis(2-ethylhexyl) phthalate	ND	*	5.0	2.2	ug/L		01/13/20 08:53	01/15/20 03:14	1
Butyl benzyl phthalate	ND	*	5.0	1.0	ug/L		01/13/20 08:53	01/15/20 03:14	1
Caprolactam	ND		5.0	2.2	ug/L		01/13/20 08:53	01/15/20 03:14	1
Carbazole	ND	*	5.0	0.30	ug/L		01/13/20 08:53	01/15/20 03:14	1
Chrysene	ND	*	5.0	0.33	ug/L		01/13/20 08:53	01/15/20 03:14	1
Di-n-butyl phthalate	ND	*	5.0	0.31	ug/L		01/13/20 08:53	01/15/20 03:14	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-165018-1

Client Sample ID: OW-01

Lab Sample ID: 480-165018-3

Date Collected: 01/09/20 12:30

Matrix: Water

Date Received: 01/09/20 14:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		01/13/20 08:53	01/15/20 03:14	1
Dibenz(a,h)anthracene	ND	*	5.0	0.42	ug/L		01/13/20 08:53	01/15/20 03:14	1
Dibenzofuran	ND	*	10	0.51	ug/L		01/13/20 08:53	01/15/20 03:14	1
Diethyl phthalate	ND	*	5.0	0.22	ug/L		01/13/20 08:53	01/15/20 03:14	1
Dimethyl phthalate	ND	*	5.0	0.36	ug/L		01/13/20 08:53	01/15/20 03:14	1
Fluoranthene	ND	*	5.0	0.40	ug/L		01/13/20 08:53	01/15/20 03:14	1
Fluorene	ND	*	5.0	0.36	ug/L		01/13/20 08:53	01/15/20 03:14	1
Hexachlorobenzene	ND	*	5.0	0.51	ug/L		01/13/20 08:53	01/15/20 03:14	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		01/13/20 08:53	01/15/20 03:14	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		01/13/20 08:53	01/15/20 03:14	1
Hexachloroethane	ND		5.0	0.59	ug/L		01/13/20 08:53	01/15/20 03:14	1
Indeno(1,2,3-cd)pyrene	ND	*	5.0	0.47	ug/L		01/13/20 08:53	01/15/20 03:14	1
Isophorone	ND	*	5.0	0.43	ug/L		01/13/20 08:53	01/15/20 03:14	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		01/13/20 08:53	01/15/20 03:14	1
N-Nitrosodiphenylamine	ND	*	5.0	0.51	ug/L		01/13/20 08:53	01/15/20 03:14	1
Naphthalene	ND		5.0	0.76	ug/L		01/13/20 08:53	01/15/20 03:14	1
Nitrobenzene	ND		5.0	0.29	ug/L		01/13/20 08:53	01/15/20 03:14	1
Pentachlorophenol	ND		10	2.2	ug/L		01/13/20 08:53	01/15/20 03:14	1
Phenanthrene	ND	*	5.0	0.44	ug/L		01/13/20 08:53	01/15/20 03:14	1
Phenol	ND		5.0	0.39	ug/L		01/13/20 08:53	01/15/20 03:14	1
Pyrene	ND		5.0	0.34	ug/L		01/13/20 08:53	01/15/20 03:14	1
Benzoic acid	ND		150	100	ug/L		01/13/20 08:53	01/15/20 03:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	107		41 - 120	01/13/20 08:53	01/15/20 03:14	1
2-Fluorobiphenyl	95		48 - 120	01/13/20 08:53	01/15/20 03:14	1
2-Fluorophenol	76		35 - 120	01/13/20 08:53	01/15/20 03:14	1
Nitrobenzene-d5	90		46 - 120	01/13/20 08:53	01/15/20 03:14	1
p-Terphenyl-d14	75		60 - 148	01/13/20 08:53	01/15/20 03:14	1
Phenol-d5	57		22 - 120	01/13/20 08:53	01/15/20 03:14	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.077	J	0.25	0.046	ug/L		01/10/20 16:04	01/14/20 18:27	1
4,4'-DDE	ND		0.25	0.058	ug/L		01/10/20 16:04	01/14/20 18:27	1
4,4'-DDT	ND		0.25	0.055	ug/L		01/10/20 16:04	01/14/20 18:27	1
Aldrin	ND		0.25	0.041	ug/L		01/10/20 16:04	01/14/20 18:27	1
alpha-BHC	ND		0.25	0.039	ug/L		01/10/20 16:04	01/14/20 18:27	1
cis-Chlordane	ND		0.25	0.074	ug/L		01/10/20 16:04	01/14/20 18:27	1
beta-BHC	ND		0.25	0.12	ug/L		01/10/20 16:04	01/14/20 18:27	1
delta-BHC	ND		0.25	0.050	ug/L		01/10/20 16:04	01/14/20 18:27	1
Dieldrin	ND		0.25	0.049	ug/L		01/10/20 16:04	01/14/20 18:27	1
Endosulfan I	ND		0.25	0.055	ug/L		01/10/20 16:04	01/14/20 18:27	1
Endosulfan II	ND		0.25	0.060	ug/L		01/10/20 16:04	01/14/20 18:27	1
Endosulfan sulfate	ND		0.25	0.079	ug/L		01/10/20 16:04	01/14/20 18:27	1
Endrin	ND		0.25	0.069	ug/L		01/10/20 16:04	01/14/20 18:27	1
Endrin aldehyde	0.10	J B	0.25	0.082	ug/L		01/10/20 16:04	01/14/20 18:27	1
Endrin ketone	ND		0.25	0.060	ug/L		01/10/20 16:04	01/14/20 18:27	1
gamma-BHC (Lindane)	ND		0.25	0.040	ug/L		01/10/20 16:04	01/14/20 18:27	1
trans-Chlordane	ND		0.25	0.055	ug/L		01/10/20 16:04	01/14/20 18:27	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-165018-1

Client Sample ID: OW-01

Lab Sample ID: 480-165018-3

Date Collected: 01/09/20 12:30

Matrix: Water

Date Received: 01/09/20 14:10

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.25	0.043	ug/L		01/10/20 16:04	01/14/20 18:27	1
Heptachlor epoxide	ND		0.25	0.037	ug/L		01/10/20 16:04	01/14/20 18:27	1
Methoxychlor	ND		0.25	0.071	ug/L		01/10/20 16:04	01/14/20 18:27	1
Toxaphene	ND		2.5	0.60	ug/L		01/10/20 16:04	01/14/20 18:27	1
Mirex	ND		0.25	0.048	ug/L		01/10/20 16:04	01/14/20 18:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	85		20 - 120	01/10/20 16:04	01/14/20 18:27	1
DCB Decachlorobiphenyl	97		20 - 120	01/10/20 16:04	01/14/20 18:27	1
Tetrachloro-m-xylene	103		44 - 120	01/10/20 16:04	01/14/20 18:27	1
Tetrachloro-m-xylene	81		44 - 120	01/10/20 16:04	01/14/20 18:27	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		01/10/20 15:57	01/12/20 21:28	1
PCB-1221	ND		0.50	0.18	ug/L		01/10/20 15:57	01/12/20 21:28	1
PCB-1232	ND		0.50	0.18	ug/L		01/10/20 15:57	01/12/20 21:28	1
PCB-1242	ND		0.50	0.18	ug/L		01/10/20 15:57	01/12/20 21:28	1
PCB-1248	ND		0.50	0.18	ug/L		01/10/20 15:57	01/12/20 21:28	1
PCB-1254	ND		0.50	0.25	ug/L		01/10/20 15:57	01/12/20 21:28	1
PCB-1260	ND		0.50	0.25	ug/L		01/10/20 15:57	01/12/20 21:28	1
PCB-1262	ND		0.50	0.25	ug/L		01/10/20 15:57	01/12/20 21:28	1
PCB-1268	ND		0.50	0.25	ug/L		01/10/20 15:57	01/12/20 21:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	84		39 - 121	01/10/20 15:57	01/12/20 21:28	1
Tetrachloro-m-xylene	73		39 - 121	01/10/20 15:57	01/12/20 21:28	1
DCB Decachlorobiphenyl	68		19 - 120	01/10/20 15:57	01/12/20 21:28	1
DCB Decachlorobiphenyl	63		19 - 120	01/10/20 15:57	01/12/20 21:28	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		01/13/20 09:21	01/13/20 17:55	1
Antimony	ND		0.020	0.0068	mg/L		01/13/20 09:21	01/13/20 17:55	1
Arsenic	ND		0.015	0.0056	mg/L		01/13/20 09:21	01/13/20 17:55	1
Barium	0.031		0.0020	0.00070	mg/L		01/13/20 09:21	01/13/20 17:55	1
Beryllium	ND		0.0020	0.00030	mg/L		01/13/20 09:21	01/14/20 12:18	1
Cadmium	0.00059 J		0.0020	0.00050	mg/L		01/13/20 09:21	01/13/20 17:55	1
Calcium	364		0.50	0.10	mg/L		01/13/20 09:21	01/13/20 17:55	1
Chromium	ND		0.0040	0.0010	mg/L		01/13/20 09:21	01/13/20 17:55	1
Cobalt	0.0015 J		0.0040	0.00063	mg/L		01/13/20 09:21	01/13/20 17:55	1
Copper	0.0026 J		0.010	0.0016	mg/L		01/13/20 09:21	01/13/20 17:55	1
Iron	3.2		0.050	0.019	mg/L		01/13/20 09:21	01/13/20 17:55	1
Lead	ND		0.010	0.0030	mg/L		01/13/20 09:21	01/13/20 17:55	1
Magnesium	96.7		0.20	0.043	mg/L		01/13/20 09:21	01/13/20 17:55	1
Manganese	1.1		0.0030	0.00040	mg/L		01/13/20 09:21	01/13/20 17:55	1
Nickel	0.0047 J		0.010	0.0013	mg/L		01/13/20 09:21	01/13/20 17:55	1
Potassium	8.2		0.50	0.10	mg/L		01/13/20 09:21	01/13/20 17:55	1
Selenium	ND		0.025	0.0087	mg/L		01/13/20 09:21	01/14/20 12:18	1
Silver	ND		0.0060	0.0017	mg/L		01/13/20 09:21	01/13/20 17:55	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-165018-1

Client Sample ID: OW-01

Lab Sample ID: 480-165018-3

Date Collected: 01/09/20 12:30

Matrix: Water

Date Received: 01/09/20 14:10

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	39.7		1.0	0.32	mg/L		01/13/20 09:21	01/13/20 17:55	1
Thallium	ND		0.020	0.010	mg/L		01/13/20 09:21	01/13/20 17:55	1
Vanadium	ND		0.0050	0.0015	mg/L		01/13/20 09:21	01/13/20 17:55	1
Zinc	0.0027	J	0.010	0.0015	mg/L		01/13/20 09:21	01/13/20 17:55	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		01/14/20 11:33	01/14/20 14:10	1

Well OW-13

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-13

Lab Sample ID: 480-43118-3

Client Matrix: Water

Date Sampled: 08/02/2013 1400

Date Received: 08/02/2013 1605

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-132975	Instrument ID:	HP5973P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P0707.D
Dilution:	4.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/08/2013 1805			Final Weight/Volume:	5 mL
Prep Date:	08/08/2013 1805				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		3.3	4.0
1,1,2,2-Tetrachloroethane	ND		0.84	4.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.2	4.0
1,1,2-Trichloroethane	ND		0.92	4.0
1,1-Dichloroethane	ND		1.5	4.0
1,1-Dichloroethene	ND		1.2	4.0
1,2,4-Trichlorobenzene	ND		1.6	4.0
1,2-Dibromo-3-Chloropropane	ND		1.6	4.0
1,2-Dibromoethane	ND		2.9	4.0
1,2-Dichlorobenzene	ND		3.2	4.0
1,2-Dichloroethane	ND		0.84	4.0
1,2-Dichloropropane	ND		2.9	4.0
1,3-Dichlorobenzene	ND		3.1	4.0
1,4-Dichlorobenzene	ND		3.4	4.0
2-Butanone (MEK)	ND		5.3	40
2-Hexanone	ND		5.0	20
4-Methyl-2-pentanone (MIBK)	ND		8.4	20
Acetone	ND		12	40
Benzene	ND		1.6	4.0
Bromodichloromethane	ND		1.6	4.0
Bromoform	ND		1.0	4.0
Bromomethane	ND		2.8	4.0
Carbon disulfide	ND		0.76	4.0
Carbon tetrachloride	ND		1.1	4.0
Chlorobenzene	ND		3.0	4.0
Chloroethane	ND		1.3	4.0
Chloroform	ND		1.4	4.0
Chloromethane	ND		1.4	4.0
cis-1,2-Dichloroethene	ND		3.2	4.0
cis-1,3-Dichloropropene	ND		1.4	4.0
Cyclohexane	ND		0.72	4.0
Dibromochloromethane	ND		1.3	4.0
Dichlorodifluoromethane	ND		2.7	4.0
Ethylbenzene	ND		3.0	4.0
Isopropylbenzene	ND		3.2	4.0
Methyl acetate	ND		2.0	4.0
Methyl tert-butyl ether	ND		0.64	4.0
Methylcyclohexane	ND		0.64	4.0
Methylene Chloride	ND		1.8	4.0
Styrene	ND		2.9	4.0
Tetrachloroethene	ND		1.4	4.0
Toluene	ND		2.0	4.0
trans-1,2-Dichloroethene	ND		3.6	4.0
trans-1,3-Dichloropropene	ND		1.5	4.0
Trichloroethene	ND		1.8	4.0
Trichlorofluoromethane	ND		3.5	4.0

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-13

Lab Sample ID: 480-43118-3

Date Sampled: 08/02/2013 1400

Client Matrix: Water

Date Received: 08/02/2013 1605

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-132975	Instrument ID:	HP5973P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P0707.D
Dilution:	4.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/08/2013 1805			Final Weight/Volume:	5 mL
Prep Date:	08/08/2013 1805				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		3.6	4.0
Xylenes, Total	ND		2.6	8.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	122		66 - 137
4-Bromofluorobenzene (Surr)	100		73 - 120
Toluene-d8 (Surr)	97		71 - 126

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-13

Lab Sample ID: 480-43118-3

Client Matrix: Water

Date Sampled: 08/02/2013 1400

Date Received: 08/02/2013 1605

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	480-133115	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-132301	Lab File ID:	W002993.D
Dilution:	1.0			Initial Weight/Volume:	259.7 mL
Analysis Date:	08/09/2013 1412			Final Weight/Volume:	1 mL
Prep Date:	08/05/2013 0723			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Biphenyl	ND		0.63	4.8
bis (2-chloroisopropyl) ether	ND		0.50	4.8
2,4,5-Trichlorophenol	ND		0.46	4.8
2,4,6-Trichlorophenol	ND		0.59	4.8
2,4-Dichlorophenol	ND		0.49	4.8
2,4-Dimethylphenol	ND		0.48	4.8
2,4-Dinitrophenol	ND		2.1	9.6
2,4-Dinitrotoluene	ND		0.43	4.8
2,6-Dinitrotoluene	ND		0.39	4.8
2-Chloronaphthalene	ND		0.44	4.8
2-Chlorophenol	ND		0.51	4.8
2-Methylnaphthalene	ND		0.58	4.8
2-Methylphenol	ND		0.39	4.8
2-Nitroaniline	ND		0.40	9.6
2-Nitrophenol	ND		0.46	4.8
3,3'-Dichlorobenzidine	ND		0.39	4.8
3-Nitroaniline	ND	*	0.46	9.6
4,6-Dinitro-2-methylphenol	ND		2.1	9.6
4-Bromophenyl phenyl ether	ND		0.43	4.8
4-Chloro-3-methylphenol	ND		0.43	4.8
4-Chloroaniline	ND	*	0.57	4.8
4-Chlorophenyl phenyl ether	ND		0.34	4.8
4-Methylphenol	3.2	J	0.35	9.6
4-Nitroaniline	ND		0.24	9.6
4-Nitrophenol	ND		1.5	9.6
Acenaphthene	ND		0.39	4.8
Acenaphthylene	ND		0.37	4.8
Acetophenone	ND		0.52	4.8
Anthracene	0.82	J	0.27	4.8
Atrazine	ND		0.44	4.8
Benzaldehyde	0.86	J B *	0.26	4.8
Benzo(a)anthracene	ND		0.35	4.8
Benzo(a)pyrene	ND		0.45	4.8
Benzo(b)fluoranthene	ND		0.33	4.8
Benzo(g,h,i)perylene	ND		0.34	4.8
Benzo(k)fluoranthene	ND		0.70	4.8
Bis(2-chloroethoxy)methane	ND		0.34	4.8
Bis(2-chloroethyl)ether	ND		0.39	4.8
Bis(2-ethylhexyl) phthalate	ND		1.7	4.8
Butyl benzyl phthalate	ND		0.40	4.8
Caprolactam	ND		2.1	4.8
Carbazole	ND		0.29	4.8
Chrysene	ND		0.32	4.8
Di-n-butyl phthalate	0.48	J B	0.30	4.8
Di-n-octyl phthalate	ND		0.45	4.8
Dibenz(a,h)anthracene	ND		0.40	4.8

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-13

Lab Sample ID: 480-43118-3

Client Matrix: Water

Date Sampled: 08/02/2013 1400

Date Received: 08/02/2013 1605

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	480-133115	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-132301	Lab File ID:	W002993.D
Dilution:	1.0			Initial Weight/Volume:	259.7 mL
Analysis Date:	08/09/2013 1412			Final Weight/Volume:	1 mL
Prep Date:	08/05/2013 0723			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dibenzofuran	ND		0.49	9.6
Diethyl phthalate	ND		0.21	4.8
Dimethyl phthalate	ND		0.35	4.8
Fluoranthene	0.51	J B	0.39	4.8
Fluorene	ND		0.35	4.8
Hexachlorobenzene	ND		0.49	4.8
Hexachlorobutadiene	ND		0.65	4.8
Hexachlorocyclopentadiene	ND		0.57	4.8
Hexachloroethane	ND		0.57	4.8
Indeno(1,2,3-cd)pyrene	ND		0.45	4.8
Isophorone	ND		0.41	4.8
N-Nitrosodi-n-propylamine	ND		0.52	4.8
N-Nitrosodiphenylamine	ND		0.49	4.8
Naphthalene	ND		0.73	4.8
Nitrobenzene	ND		0.28	4.8
Pentachlorophenol	ND		2.1	9.6
Phenanthrene	0.84	J B	0.42	4.8
Phenol	ND		0.38	4.8
Pyrene	0.36	J	0.33	4.8

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	85		39 - 146
2-Fluorobiphenyl	84		37 - 120
2-Fluorophenol	62		18 - 120
Nitrobenzene-d5	88		34 - 132
p-Terphenyl-d14	85		58 - 147
Phenol-d5	46		11 - 120

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-13

Lab Sample ID: 480-43118-3

Client Matrix: Water

Date Sampled: 08/02/2013 1400

Date Received: 08/02/2013 1605

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	480-132512	Instrument ID:	HP6890-5
Prep Method:	3510C	Prep Batch:	480-132305	Initial Weight/Volume:	267.4 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	08/06/2013 1341			Injection Volume:	1 uL
Prep Date:	08/05/2013 0739			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	ND		0.0086	0.047
4,4'-DDE	ND		0.011	0.047
4,4'-DDT	0.039	J	0.010	0.047
Aldrin	0.018	J	0.0062	0.047
alpha-BHC	0.019	J	0.0062	0.047
alpha-Chlordane	ND		0.014	0.047
beta-BHC	ND		0.023	0.047
delta-BHC	ND		0.0093	0.047
Dieldrin	ND		0.0092	0.047
Endosulfan I	ND		0.010	0.047
Endosulfan II	ND		0.011	0.047
Endosulfan sulfate	ND		0.015	0.047
Endrin	ND		0.013	0.047
Endrin aldehyde	0.038	J	0.015	0.047
Endrin ketone	0.019	J	0.011	0.047
gamma-BHC (Lindane)	0.010	J	0.0056	0.047
gamma-Chlordane	0.072		0.010	0.047
Heptachlor	ND		0.0079	0.047
Heptachlor epoxide	ND		0.0050	0.047
Methoxychlor	0.050		0.013	0.047
Toxaphene	ND		0.11	0.47
Surrogate	%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl	37		20 - 120	
Tetrachloro-m-xylene	97		36 - 120	

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-13

Lab Sample ID: 480-43118-3

Date Sampled: 08/02/2013 1400

Client Matrix: Water

Date Received: 08/02/2013 1605

8151A Herbicidas (GC)

Analysis Method:	8151A	Analysis Batch:	480-132866	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-132602	Initial Weight/Volume:	957.3 mL
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	08/09/2013 0756			Injection Volume:	1 uL
Prep Date:	08/06/2013 1500			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,5-T	ND		0.16	0.52
Silvex (2,4,5-TP)	ND		0.38	0.52
2,4-D	ND		0.42	0.52

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	128		40 - 135

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-13

Lab Sample ID: 480-43118-3

Date Sampled: 08/02/2013 1400

Client Matrix: Water

Date Received: 08/02/2013 1605

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	480-132492	Instrument ID:	ICAP1
Prep Method:	3005A	Prep Batch:	480-132263	Lab File ID:	I1080513B-6.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	08/05/2013 2334			Final Weight/Volume:	50 mL
Prep Date:	08/05/2013 0730				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Arsenic	0.012		0.0056	0.010
Barium	0.044		0.00070	0.0020
Cadmium	0.00057	J	0.00050	0.0010
Chromium	0.0094		0.0010	0.0040
Lead	0.022		0.0030	0.0050
Selenium	ND		0.0087	0.015
Silver	ND		0.0017	0.0030

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	480-132406	Instrument ID:	LEEMAN3
Prep Method:	7470A	Prep Batch:	480-132313	Lab File ID:	J08053W1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	08/05/2013 1322			Final Weight/Volume:	50 mL
Prep Date:	08/05/2013 0815				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	ND		0.00012	0.00020

Well OW-14B

ORGANICS ANALYSIS DATA SHEET

(PAGE 1)

SAMPLE NUMBER
OW-14B.19 2/17

Laboratory Name: NAMCO LABORATORY INC.

Lab File ID No: H0193

Sample Matrix: WATER

Data Release Authorized By: *P. J. Hunsch*

SYO12.19/NASH RD

Case No: ENG. SCI.

QC Report No: N/A

Contract No: N/A

Date Sample Received: 02/19/88

VOLATILE COMPOUNDS

Concentration: Low Medium (Circle One)
 Date Extracted/Prepared: 02/22/88
 Date Analyzed: 02/22/88
 Conc/Dil Factor: 1 pH: 6.9
 Percent Moisture: N/A

AS Number	ug/l or ug/Kg (Circle One)	CAS Number	ug/l or ug/Kg (Circle One)		
4-87-3	Chloromethane	10.0 U	79-34-5	1,1,2,2-Tetrachloroethane	5.0 U
4-83-9	Bromomethane	10.0 U	78-87-5	1,2-Dichloropropane	5.0 U
4-01-4	Vinyl Chloride	10.0 U	10061-02-6	Trans-1,3-Dichloropropene	5.0 U
4-10-3	Chloroethane	10.0 U	79-01-6	Trichloroethene	5.0 U
5-09-2	Methylene Chloride	8.2	124-48-1	Dibromochloromethane	5.0 U
6-64-1	Acetone	10.0 U	79-00-5	1,1,2-Trichloroethane	5.0 U
1-15-0	Carbon Disulfide	5.0 U	71-43-2	Benzene	5.0 U
5-35-4	1,1-Dichloroethene	5.0 U	10061-01-5	cis-1,3-Dichloropropene	5.0 U
5-34-3	1,1-Dichloroethane	5.0 U	110-75-8	2-Chloroethylvinylether	10.0 U
6-60-5	Trans-1,2-Dichloroethene	5.0 U	75-25-2	Bromoform	5.0 U
2-66-3	Chloroform	5.0 U	591-78-6	2-Hexanone	10.0 U
07-06-2	1,2-Dichloroethane	5.0 U	108-10-1	4-Methyl-2-Pentanone	10.0 U
8-93-3	2-Butanone	10.0 U	127-18-4	Tetrachloroethene	5.0 U
1-55-6	1,1,1-Trichloroethane	5.0 U	108-88-3	Toluene	5.0 U
6-23-5	Carbon Tetrachloride	5.0 U	108-90-7	Chlorobenzene	5.0 U
108-05-4	Vinyl Acetate	10.0 U	100-41-4	Ethylbenzene	5.0 U
6-27-4	Bromodichloromethane	5.0 U	100-42-5	Styrene	5.0 U
				Total Xylenes	5.0 U

Data Reporting Qualifiers

For reporting results to EPA, the following results qualifiers are used.
 Additional flags or footnotes explaining results are encouraged. However, the
 definition of each flag must be explicit.

BLUE

the result is a value greater than or equal to the detection
 limit, report the value.

indicates compound was analyzed for but not detected. Report
 minimum detection limit for the sample with the U(e.g. 10U
 used on necessary concentration dilution actions. (This is not
 necessarily the instrument detection limit.) The footnote should
 read U-Compound was analyzed for but not detected. The number is
 a minimum attainable detection limit for the sample.

indicates an estimated value. This flag is used either when
 estimating a concentration for tentatively identified compounds
 where a 1:1 response is assumed or when the mass spectral data
 indicates the presence of a compound that meets the identification
 criteria but the result is less than the specified detection limit
 but greater than zero (e.g. 10J).

C

This flag applies to pesticide parameters where the identification
 has been confirmed by GC/MS. Single component pesticides greater
 than or equal to 10 ng/ul in the final extract should be confirmed
 by GC/MS.

B

This flag is used when the analyte is found in the blank as well
 as a sample. It indicates possible/probable blank contamination
 and warns the data user to take appropriate action.

OTHER

Other specific flags and footnotes may be required to properly
 define the results. If used, they must be fully described
 and such description attached to the data summary report.

ORGANIC ANALYSIS DATA SHEET

(PAGE 2)

LABORATORY NAME: NANCO LABS. INC.

CASE NO: ENG. SCI.

SYO12.19/NASH RD

SAMPLE NO.

OW-14B.19 2/17

SEMIVOLATILE COMPOUNDS

Concentration: Low Medium (Circle One)

Date Extracted/Prepared: 02/19/88

Date Analyzed: 02/26/88

Conc/Dil Factor:-----> 1

Percent Moisture: N/A

GPC Cleanup: Yes ___ No X ___Separatory Funnel Extraction: Yes X ___

Continuous Liquid - Liquid Extraction: Yes ___

CAS Number		ug/l or ug/Kg (Circle One)	CAS Number		ug/l or ug/Kg (Circle One)
108-95-2	Phenol	10.0 U	83-32-9	Acenaphthene	10.0 U
111-44-4	bis(-2-Chloroethyl)Ether	10.0 U	51-28-5	2,4-Dinitrophenol	50.0 U
95-57-8	2-Chlorophenol	10.0 U	100-02-7	4-Nitrophenol	50.0 U
541-73-1	1,3-Dichlorobenzene	10.0 U	132-64-9	Dibenzofuran	10.0 U
106-46-7	1,4-Dichlorobenzene	10.0 U	121-14-2	2,4-Dinitrotoluene	10.0 U
100-51-6	Benzyl Alcohol	10.0 U	606-20-2	2,6-Dinitrotoluene	10.0 U
95-50-1	1,2-Dichlorobenzene	10.0 U	84-66-2	Diethylphthalate	10.0 U
95-48-7	2-Methylphenol	10.0 U	7005-72-3	4-Chlorophenyl-phenylether	10.0 U
39638-32-9	bis(2-chloroisopropyl)Ether	10.0 U	86-73-7	Fluorene	10.0 U
106-44-5	4-Methylphenol	10.0 U	100-01-6	4-Nitroaniline	50.0 U
621-64-7	N-Nitroso-Di-n-Propylamine	10.0 U	534-52-1	4,6-Dinitro-2-Methylphenol	50.0 U
67-72-1	Hexachloroethane	10.0 U	86-30-6	N-Nitrosodiphenylamine (1)	10.0 U
98-95-3	Nitrobenzene	10.0 U	101-55-3	4-Bromophenyl-phenylether	10.0 U
78-59-1	Isophorone	10.0 U	118-74-1	Hexachlorobenzene	10.0 U
88-75-5	2-Nitrophenol	10.0 U	87-86-5	Pentachlorophenol	50.0 U
105-67-9	2,4-Dimethylphenol	10.0 U	85-01-8	Phenanthrene	10.0 U
65-85-0	Benzoic Acid	50.0 U	120-12-7	Anthracene	10.0 U
111-91-1	bis(-2-Chloroethoxy)Methane	10.0 U	84-74-2	Di-n-Butylphthalate	10.0 U
120-83-2	2,4-Dichlorophenol	10.0 U	206-44-0	Fluoranthene	10.0 U
120-82-1	1,2,4-Trichlorobenzene	10.0 U	129-00-0	Pyrene	10.0 U
91-20-3	Naphthalene	10.0 U	85-68-7	Butylbenzylphthalate	10.0 U
106-47-8	4-Chloroaniline	10.0 U	91-94-1	3,3'-Dichlorobenzidine	20.0 U
87-68-3	Hexachlorobutadiene	10.0 U	56-55-3	Benzo(a)Anthracene	10.0 U
59-50-7	4-Chloro-3-Methylphenol	10.0 U	117-81-7	bis(2-Ethylhexyl)Phthalate	720.0 B
91-57-6	2-Methylnaphthalene	10.0 U	218-01-9	Chrysene	10.0 U
77-47-4	Hexachlorocyclopentadiene	10.0 U	117-84-0	Di-n-Octyl Phthalate	10.0 U
88-06-2	2,4,6-Trichlorophenol	10.0 U	205-99-2	Benzo(b)Fluoranthene	10.0 U
95-95-4	2,4,5-Trichlorophenol	50.0 U	207-08-9	Benzo(k)Fluoranthene	10.0 U
91-58-7	2-Chloronaphthalene	10.0 U	50-32-8	Benzo(a)Pyrene	10.0 U
88-74-4	2-Nitroaniline	50.0 U	193-39-5	Indeno(1,2,3-cd)Pyrene	10.0 U
131-11-3	Dimethyl Phthalate	10.0 U	53-70-3	Dibenz(a,h)Anthracene	10.0 U
208-96-8	Acenaphthylene	10.0 U	191-24-2	Benzo(g,h,i)Perylene	10.0 U
99-09-2	3-Nitroaniline	50.0 U			

(1) - Cannot be separated from diphenylamine

ORGANICS ANALYSIS DATA SHEET
(PAGE 4)

LABORATORY NAME :NANCO LABS.INC.
CASE NO: ENG. SCI.
SYO12.19/NASH RD

SAMPLE NUMBER
OW-148.19 2/17

Tentatively Identified Compounds

CAS Number	Compound Name	Fraction	RT or Scan Number	Estimated Concentration (ug/l or ug/Kg)
1 ----	NONE FOUND	VOA	----	----
2				
3 ----	UNKNOWN SUBSTITUTE OF TETRACHLORO ETHENE	BNA	5.94	120.0 J
4 ----	UNKNOWN ISOMER OF DIMETHYL BENZENE	BNA	7.75	19.0 J
5 ----	UNKNOWN	BNA	8.24	25.0 J
6 ----	UNKNOWN	BNA	8.40	24.0 J
7 ----	UNKNOWN	BNA	9.07	32.0 J
8 ----	UNKNOWN	BNA	9.44	44.0 J
9 ----	UNKNOWN	BNA	36.28	38.0 J
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				

0000005

INORGANIC ANALYSIS DATA SHEET
FORM 1

SMPL NO.: OW-148.19

2/17

Lab Name : NANCO LABORATORIES, INC.

Customer Name: ENGINEERING SCIENCE

SOW NO. : N/A

Lab Receipt Date : 2/19/88

Lab Sample ID: 88-EW 5652

Date Reported:

Location ID: SYO 12.19/NASH RD.

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION : LOW X MEDIUM
MATRIX : WATER X SOIL SLUDGE OTHER

 UG/L OR MG/KG DRY WEIGHT (CIRCLE ONE)

1. ALUMINUM	4900.0 PE	13. MAGNESIUM	33300.0 PE
2. ANTIMONY	50.0 UP	14. MANGANESE	1200.0 PE
3. ARSENIC	6.3 F	15. MERCURY	0.2 U C.V.
4. BARIUM	(76.0)P	16. NICKEL	25.0 UP
5. BERYLLIUM	1.0 UP	17. POTASSIUM	1500.0 UP
6. CADMIUM	5.0 UP	18. SELENIUM	4.0 UF N
7. CALCIUM	100000.0 P	19. SILVER	10.0 UP
8. CHROMIUM	8.0 UP	20. SODIUM	21900.0 PE
9. COBALT	15.0 UP	21. THALLIUM	4.0 UF N
10. COPPER	(24.0)P	22. VANADIUM	25.0 UP
11. IRON	9800.0 PE	23. ZINC	140.0 PNE
12. LEAD	28.4 SF	(1:2) PERCENT SOLIDS (%)	NA
CYANIDE	NR		
PHENOL	NR		

FOOTNOTES : FOR REPORTING RESULTS STANDARD RESULT QUALIFIERS ARE USED AS DEFINED ON PAGE 2.

COMMENTS : This sample was a tan liquid that became colorless after ICP and
and furnace digestion procedures. Pb was analyzed at a 1:10 dilution.

2



LAB MANAGER

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-14B

Lab Sample ID: 480-43118-10

Date Sampled: 08/02/2013 1515

Client Matrix: Water

Date Received: 08/02/2013 1605

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-132975	Instrument ID:	HP5973P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P0714.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/08/2013 2109			Final Weight/Volume:	5 mL
Prep Date:	08/08/2013 2109				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1-Dichloroethane	ND		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Butanone (MEK)	ND		1.3	10
2-Hexanone	ND		1.2	5.0
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Chloroethane	ND		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	ND		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dibromochloromethane	ND		0.32	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	ND		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	ND		0.51	1.0
trans-1,2-Dichloroethene	ND		0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	ND		0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-14B

Lab Sample ID: 480-43118-10

Date Sampled: 08/02/2013 1515

Client Matrix: Water

Date Received: 08/02/2013 1605

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-132975	Instrument ID:	HP5973P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P0714.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/08/2013 2109			Final Weight/Volume:	5 mL
Prep Date:	08/08/2013 2109				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	126		66 - 137
4-Bromofluorobenzene (Surr)	104		73 - 120
Toluene-d8 (Surr)	100		71 - 126

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-14B

Lab Sample ID: 480-43118-10

Client Matrix: Water

Date Sampled: 08/02/2013 1515

Date Received: 08/02/2013 1605

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	480-133115	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-132301	Lab File ID:	W002999.D
Dilution:	1.0			Initial Weight/Volume:	265 mL
Analysis Date:	08/09/2013 1657			Final Weight/Volume:	1 mL
Prep Date:	08/05/2013 0723			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Biphenyl	ND		0.62	4.7
bis (2-chloroisopropyl) ether	ND		0.49	4.7
2,4,5-Trichlorophenol	ND		0.45	4.7
2,4,6-Trichlorophenol	ND		0.58	4.7
2,4-Dichlorophenol	ND		0.48	4.7
2,4-Dimethylphenol	ND		0.47	4.7
2,4-Dinitrophenol	ND		2.1	9.4
2,4-Dinitrotoluene	ND		0.42	4.7
2,6-Dinitrotoluene	ND		0.38	4.7
2-Chloronaphthalene	ND		0.43	4.7
2-Chlorophenol	ND		0.50	4.7
2-Methylnaphthalene	ND		0.57	4.7
2-Methylphenol	ND		0.38	4.7
2-Nitroaniline	ND		0.40	9.4
2-Nitrophenol	ND		0.45	4.7
3,3'-Dichlorobenzidine	ND		0.38	4.7
3-Nitroaniline	ND	*	0.45	9.4
4,6-Dinitro-2-methylphenol	ND		2.1	9.4
4-Bromophenyl phenyl ether	ND		0.42	4.7
4-Chloro-3-methylphenol	ND		0.42	4.7
4-Chloroaniline	ND	*	0.56	4.7
4-Chlorophenyl phenyl ether	ND		0.33	4.7
4-Methylphenol	ND		0.34	9.4
4-Nitroaniline	ND		0.24	9.4
4-Nitrophenol	ND		1.4	9.4
Acenaphthene	ND		0.39	4.7
Acenaphthylene	ND		0.36	4.7
Acetophenone	ND		0.51	4.7
Anthracene	ND		0.26	4.7
Atrazine	ND		0.43	4.7
Benzaldehyde	ND	*	0.25	4.7
Benzo(a)anthracene	ND		0.34	4.7
Benzo(a)pyrene	ND		0.44	4.7
Benzo(b)fluoranthene	ND		0.32	4.7
Benzo(g,h,i)perylene	ND		0.33	4.7
Benzo(k)fluoranthene	ND		0.69	4.7
Bis(2-chloroethoxy)methane	ND		0.33	4.7
Bis(2-chloroethyl)ether	ND		0.38	4.7
Bis(2-ethylhexyl) phthalate	ND		1.7	4.7
Butyl benzyl phthalate	ND		0.40	4.7
Caprolactam	ND		2.1	4.7
Carbazole	ND		0.28	4.7
Chrysene	ND		0.31	4.7
Di-n-butyl phthalate	0.75	J B	0.29	4.7
Di-n-octyl phthalate	ND		0.44	4.7
Dibenz(a,h)anthracene	ND		0.40	4.7

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-14B

Lab Sample ID: 480-43118-10

Client Matrix: Water

Date Sampled: 08/02/2013 1515

Date Received: 08/02/2013 1605

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	480-133115	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-132301	Lab File ID:	W002999.D
Dilution:	1.0			Initial Weight/Volume:	265 mL
Analysis Date:	08/09/2013 1657			Final Weight/Volume:	1 mL
Prep Date:	08/05/2013 0723			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dibenzofuran	ND		0.48	9.4
Diethyl phthalate	ND		0.21	4.7
Dimethyl phthalate	ND		0.34	4.7
Fluoranthene	ND		0.38	4.7
Fluorene	ND		0.34	4.7
Hexachlorobenzene	ND		0.48	4.7
Hexachlorobutadiene	ND		0.64	4.7
Hexachlorocyclopentadiene	ND		0.56	4.7
Hexachloroethane	ND		0.56	4.7
Indeno(1,2,3-cd)pyrene	ND		0.44	4.7
Isophorone	ND		0.41	4.7
N-Nitrosodi-n-propylamine	ND		0.51	4.7
N-Nitrosodiphenylamine	ND		0.48	4.7
Naphthalene	ND		0.72	4.7
Nitrobenzene	ND		0.27	4.7
Pentachlorophenol	ND		2.1	9.4
Phenanthrene	ND		0.42	4.7
Phenol	ND		0.37	4.7
Pyrene	ND		0.32	4.7

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	72		39 - 146
2-Fluorobiphenyl	85		37 - 120
2-Fluorophenol	61		18 - 120
Nitrobenzene-d5	90		34 - 132
p-Terphenyl-d14	103		58 - 147
Phenol-d5	41		11 - 120

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-14B

Lab Sample ID: 480-43118-10

Client Matrix: Water

Date Sampled: 08/02/2013 1515

Date Received: 08/02/2013 1605

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	480-132512	Instrument ID:	HP6890-5
Prep Method:	3510C	Prep Batch:	480-132305	Initial Weight/Volume:	249.5 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	08/06/2013 1618			Injection Volume:	1 uL
Prep Date:	08/05/2013 0739			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	ND		0.0092	0.050
4,4'-DDE	ND		0.012	0.050
4,4'-DDT	ND		0.011	0.050
Aldrin	ND		0.0066	0.050
alpha-BHC	0.0075	J	0.0066	0.050
alpha-Chlordane	ND		0.015	0.050
beta-BHC	ND		0.025	0.050
delta-BHC	ND		0.010	0.050
Dieldrin	ND		0.0098	0.050
Endosulfan I	ND		0.011	0.050
Endosulfan II	ND		0.012	0.050
Endosulfan sulfate	ND		0.016	0.050
Endrin	ND		0.014	0.050
Endrin aldehyde	ND		0.016	0.050
Endrin ketone	ND		0.012	0.050
gamma-BHC (Lindane)	ND		0.0060	0.050
gamma-Chlordane	ND		0.011	0.050
Heptachlor	ND		0.0085	0.050
Heptachlor epoxide	ND		0.0053	0.050
Methoxychlor	ND		0.014	0.050
Toxaphene	ND		0.12	0.50
Surrogate	%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl	43		20 - 120	
Tetrachloro-m-xylene	82		36 - 120	

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-14B

Lab Sample ID: 480-43118-10

Date Sampled: 08/02/2013 1515

Client Matrix: Water

Date Received: 08/02/2013 1605

8151A Herbicidas (GC)

Analysis Method:	8151A	Analysis Batch:	480-132866	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-132602	Initial Weight/Volume:	952.2 mL
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	08/09/2013 1123			Injection Volume:	1 uL
Prep Date:	08/06/2013 1500			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,5-T	ND		0.16	0.53
Silvex (2,4,5-TP)	ND		0.38	0.53
2,4-D	ND		0.42	0.53

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	117		40 - 135

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-14B

Lab Sample ID: 480-43118-10

Date Sampled: 08/02/2013 1515

Client Matrix: Water

Date Received: 08/02/2013 1605

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	480-132492	Instrument ID:	ICAP1
Prep Method:	3005A	Prep Batch:	480-132263	Lab File ID:	I1080513B-6.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	08/06/2013 0014			Final Weight/Volume:	50 mL
Prep Date:	08/05/2013 0730				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Arsenic	0.0059	J	0.0056	0.010
Barium	0.070		0.00070	0.0020
Cadmium	ND		0.00050	0.0010
Chromium	0.0083		0.0010	0.0040
Lead	0.0040	J	0.0030	0.0050
Selenium	ND		0.0087	0.015
Silver	ND		0.0017	0.0030

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	480-132406	Instrument ID:	LEEMAN3
Prep Method:	7470A	Prep Batch:	480-132313	Lab File ID:	J08053W1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	08/05/2013 1338			Final Weight/Volume:	50 mL
Prep Date:	08/05/2013 0815				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	ND		0.00012	0.00020

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161451-1

Client Sample ID: OW-14B

Lab Sample ID: 480-161451-3

Date Collected: 10/23/19 14:20

Matrix: Water

Date Received: 10/23/19 17:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/30/19 02:15	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/30/19 02:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/30/19 02:15	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/30/19 02:15	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/30/19 02:15	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/30/19 02:15	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/30/19 02:15	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/30/19 02:15	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/30/19 02:15	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/30/19 02:15	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/30/19 02:15	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/30/19 02:15	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/30/19 02:15	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/30/19 02:15	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/30/19 02:15	1
2-Hexanone	ND		5.0	1.2	ug/L			10/30/19 02:15	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/30/19 02:15	1
Acetone	ND		10	3.0	ug/L			10/30/19 02:15	1
Benzene	ND		1.0	0.41	ug/L			10/30/19 02:15	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/30/19 02:15	1
Bromoform	ND		1.0	0.26	ug/L			10/30/19 02:15	1
Bromomethane	ND		1.0	0.69	ug/L			10/30/19 02:15	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/30/19 02:15	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/30/19 02:15	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/30/19 02:15	1
Chloroethane	ND		1.0	0.32	ug/L			10/30/19 02:15	1
Chloroform	ND		1.0	0.34	ug/L			10/30/19 02:15	1
Chloromethane	ND		1.0	0.35	ug/L			10/30/19 02:15	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/30/19 02:15	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/30/19 02:15	1
Cyclohexane	ND		1.0	0.18	ug/L			10/30/19 02:15	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/30/19 02:15	1
Dichlorodifluoromethane	ND *		1.0	0.68	ug/L			10/30/19 02:15	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/30/19 02:15	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/30/19 02:15	1
Methyl acetate	ND		2.5	1.3	ug/L			10/30/19 02:15	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/30/19 02:15	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/30/19 02:15	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/30/19 02:15	1
Styrene	ND		1.0	0.73	ug/L			10/30/19 02:15	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/30/19 02:15	1
Toluene	ND		1.0	0.51	ug/L			10/30/19 02:15	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/30/19 02:15	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/30/19 02:15	1
Trichloroethene	ND		1.0	0.46	ug/L			10/30/19 02:15	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/30/19 02:15	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/30/19 02:15	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/30/19 02:15	1
t-Butyl alcohol	ND		10	3.3	ug/L			10/30/19 02:15	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161451-1

Client Sample ID: OW-14B

Lab Sample ID: 480-161451-3

Date Collected: 10/23/19 14:20

Matrix: Water

Date Received: 10/23/19 17:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		10/30/19 02:15	1
4-Bromofluorobenzene (Surr)	106		73 - 120		10/30/19 02:15	1
Dibromofluoromethane (Surr)	102		75 - 123		10/30/19 02:15	1
Toluene-d8 (Surr)	94		80 - 120		10/30/19 02:15	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		10/25/19 14:25	10/29/19 01:36	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		10/25/19 14:25	10/29/19 01:36	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		10/25/19 14:25	10/29/19 01:36	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		10/25/19 14:25	10/29/19 01:36	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		10/25/19 14:25	10/29/19 01:36	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		10/25/19 14:25	10/29/19 01:36	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		10/25/19 14:25	10/29/19 01:36	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		10/25/19 14:25	10/29/19 01:36	1
2-Chlorophenol	ND		5.0	0.53	ug/L		10/25/19 14:25	10/29/19 01:36	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		10/25/19 14:25	10/29/19 01:36	1
2-Methylphenol	ND		5.0	0.40	ug/L		10/25/19 14:25	10/29/19 01:36	1
2-Nitroaniline	ND		10	0.42	ug/L		10/25/19 14:25	10/29/19 01:36	1
2-Nitrophenol	ND		5.0	0.48	ug/L		10/25/19 14:25	10/29/19 01:36	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		10/25/19 14:25	10/29/19 01:36	1
3-Nitroaniline	ND		10	0.48	ug/L		10/25/19 14:25	10/29/19 01:36	1
4,6-Dinitro-2-methylphenol	ND *		10	2.2	ug/L		10/25/19 14:25	10/29/19 01:36	1
4-Bromophenyl phenyl ether	ND *		5.0	0.45	ug/L		10/25/19 14:25	10/29/19 01:36	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		10/25/19 14:25	10/29/19 01:36	1
4-Chloroaniline	ND		5.0	0.59	ug/L		10/25/19 14:25	10/29/19 01:36	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		10/25/19 14:25	10/29/19 01:36	1
4-Methylphenol	ND		10	0.36	ug/L		10/25/19 14:25	10/29/19 01:36	1
4-Nitroaniline	ND		10	0.25	ug/L		10/25/19 14:25	10/29/19 01:36	1
4-Nitrophenol	ND		10	1.5	ug/L		10/25/19 14:25	10/29/19 01:36	1
Acenaphthene	ND		5.0	0.41	ug/L		10/25/19 14:25	10/29/19 01:36	1
Acenaphthylene	ND		5.0	0.38	ug/L		10/25/19 14:25	10/29/19 01:36	1
Acetophenone	ND		5.0	0.54	ug/L		10/25/19 14:25	10/29/19 01:36	1
Anthracene	ND		5.0	0.28	ug/L		10/25/19 14:25	10/29/19 01:36	1
Atrazine	ND		5.0	0.46	ug/L		10/25/19 14:25	10/29/19 01:36	1
Benzaldehyde	ND		5.0	0.27	ug/L		10/25/19 14:25	10/29/19 01:36	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		10/25/19 14:25	10/29/19 01:36	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		10/25/19 14:25	10/29/19 01:36	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		10/25/19 14:25	10/29/19 01:36	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		10/25/19 14:25	10/29/19 01:36	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		10/25/19 14:25	10/29/19 01:36	1
Biphenyl	ND		5.0	0.65	ug/L		10/25/19 14:25	10/29/19 01:36	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		10/25/19 14:25	10/29/19 01:36	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		10/25/19 14:25	10/29/19 01:36	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		10/25/19 14:25	10/29/19 01:36	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		10/25/19 14:25	10/29/19 01:36	1
Butyl benzyl phthalate	ND *		5.0	1.0	ug/L		10/25/19 14:25	10/29/19 01:36	1
Caprolactam	ND		5.0	2.2	ug/L		10/25/19 14:25	10/29/19 01:36	1
Carbazole	ND		5.0	0.30	ug/L		10/25/19 14:25	10/29/19 01:36	1
Chrysene	ND		5.0	0.33	ug/L		10/25/19 14:25	10/29/19 01:36	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161451-1

Client Sample ID: OW-14B

Lab Sample ID: 480-161451-3

Date Collected: 10/23/19 14:20

Matrix: Water

Date Received: 10/23/19 17:30

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		10/25/19 14:25	10/29/19 01:36	1
Dibenzofuran	ND		10	0.51	ug/L		10/25/19 14:25	10/29/19 01:36	1
Diethyl phthalate	ND		5.0	0.22	ug/L		10/25/19 14:25	10/29/19 01:36	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		10/25/19 14:25	10/29/19 01:36	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		10/25/19 14:25	10/29/19 01:36	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		10/25/19 14:25	10/29/19 01:36	1
Fluoranthene	ND *		5.0	0.40	ug/L		10/25/19 14:25	10/29/19 01:36	1
Fluorene	ND		5.0	0.36	ug/L		10/25/19 14:25	10/29/19 01:36	1
Hexachlorobenzene	ND *		5.0	0.51	ug/L		10/25/19 14:25	10/29/19 01:36	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		10/25/19 14:25	10/29/19 01:36	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		10/25/19 14:25	10/29/19 01:36	1
Hexachloroethane	ND		5.0	0.59	ug/L		10/25/19 14:25	10/29/19 01:36	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		10/25/19 14:25	10/29/19 01:36	1
Isophorone	ND		5.0	0.43	ug/L		10/25/19 14:25	10/29/19 01:36	1
Naphthalene	ND		5.0	0.76	ug/L		10/25/19 14:25	10/29/19 01:36	1
Nitrobenzene	ND		5.0	0.29	ug/L		10/25/19 14:25	10/29/19 01:36	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		10/25/19 14:25	10/29/19 01:36	1
N-Nitrosodiphenylamine	ND *		5.0	0.51	ug/L		10/25/19 14:25	10/29/19 01:36	1
Pentachlorophenol	ND		10	2.2	ug/L		10/25/19 14:25	10/29/19 01:36	1
Phenanthrene	ND *		5.0	0.44	ug/L		10/25/19 14:25	10/29/19 01:36	1
Phenol	ND		5.0	0.39	ug/L		10/25/19 14:25	10/29/19 01:36	1
Pyrene	ND		5.0	0.34	ug/L		10/25/19 14:25	10/29/19 01:36	1
Benzoic acid	ND		150	100	ug/L		10/25/19 14:25	10/29/19 01:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	89		41 - 120	10/25/19 14:25	10/29/19 01:36	1
2-Fluorobiphenyl	96		48 - 120	10/25/19 14:25	10/29/19 01:36	1
2-Fluorophenol	57		35 - 120	10/25/19 14:25	10/29/19 01:36	1
Nitrobenzene-d5	79		46 - 120	10/25/19 14:25	10/29/19 01:36	1
Phenol-d5	43		22 - 120	10/25/19 14:25	10/29/19 01:36	1
p-Terphenyl-d14	83		60 - 148	10/25/19 14:25	10/29/19 01:36	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		10/28/19 08:07	10/29/19 14:09	1
4,4'-DDE	ND		0.050	0.012	ug/L		10/28/19 08:07	10/29/19 14:09	1
4,4'-DDT	0.019	J *	0.050	0.011	ug/L		10/28/19 08:07	10/29/19 14:09	1
Aldrin	ND		0.050	0.0081	ug/L		10/28/19 08:07	10/29/19 14:09	1
alpha-BHC	0.011	J B *	0.050	0.0077	ug/L		10/28/19 08:07	10/29/19 14:09	1
cis-Chlordane	ND		0.050	0.015	ug/L		10/28/19 08:07	10/29/19 14:09	1
beta-BHC	ND		0.050	0.025	ug/L		10/28/19 08:07	10/29/19 14:09	1
delta-BHC	ND		0.050	0.010	ug/L		10/28/19 08:07	10/29/19 14:09	1
Dieldrin	ND		0.050	0.0098	ug/L		10/28/19 08:07	10/29/19 14:09	1
Endosulfan I	ND		0.050	0.011	ug/L		10/28/19 08:07	10/29/19 14:09	1
Endosulfan II	ND *		0.050	0.012	ug/L		10/28/19 08:07	10/29/19 14:09	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		10/28/19 08:07	10/29/19 14:09	1
Endrin	ND		0.050	0.014	ug/L		10/28/19 08:07	10/29/19 14:09	1
Endrin aldehyde	ND *		0.050	0.016	ug/L		10/28/19 08:07	10/29/19 14:09	1
Endrin ketone	ND		0.050	0.012	ug/L		10/28/19 08:07	10/29/19 14:09	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		10/28/19 08:07	10/29/19 14:09	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161451-1

Client Sample ID: OW-14B

Lab Sample ID: 480-161451-3

Date Collected: 10/23/19 14:20

Matrix: Water

Date Received: 10/23/19 17:30

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-Chlordane	ND		0.050	0.011	ug/L		10/28/19 08:07	10/29/19 14:09	1
Heptachlor	ND		0.050	0.0085	ug/L		10/28/19 08:07	10/29/19 14:09	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		10/28/19 08:07	10/29/19 14:09	1
Methoxychlor	ND		0.050	0.014	ug/L		10/28/19 08:07	10/29/19 14:09	1
Toxaphene	ND		0.50	0.12	ug/L		10/28/19 08:07	10/29/19 14:09	1
Mirex	ND		0.050	0.0096	ug/L		10/28/19 08:07	10/29/19 14:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	66		20 - 120	10/28/19 08:07	10/29/19 14:09	1
DCB Decachlorobiphenyl	75		20 - 120	10/28/19 08:07	10/29/19 14:09	1
Tetrachloro-m-xylene	86		44 - 120	10/28/19 08:07	10/29/19 14:09	1
Tetrachloro-m-xylene	71		44 - 120	10/28/19 08:07	10/29/19 14:09	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		10/28/19 15:12	10/29/19 21:02	1
PCB-1221	ND		0.50	0.18	ug/L		10/28/19 15:12	10/29/19 21:02	1
PCB-1232	ND		0.50	0.18	ug/L		10/28/19 15:12	10/29/19 21:02	1
PCB-1242	ND		0.50	0.18	ug/L		10/28/19 15:12	10/29/19 21:02	1
PCB-1248	ND		0.50	0.18	ug/L		10/28/19 15:12	10/29/19 21:02	1
PCB-1254	ND		0.50	0.25	ug/L		10/28/19 15:12	10/29/19 21:02	1
PCB-1260	ND		0.50	0.25	ug/L		10/28/19 15:12	10/29/19 21:02	1
PCB-1262	ND		0.50	0.25	ug/L		10/28/19 15:12	10/29/19 21:02	1
PCB-1268	ND		0.50	0.25	ug/L		10/28/19 15:12	10/29/19 21:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	82		39 - 121	10/28/19 15:12	10/29/19 21:02	1
Tetrachloro-m-xylene	80		39 - 121	10/28/19 15:12	10/29/19 21:02	1
DCB Decachlorobiphenyl	55		19 - 120	10/28/19 15:12	10/29/19 21:02	1
DCB Decachlorobiphenyl	41		19 - 120	10/28/19 15:12	10/29/19 21:02	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		10/25/19 07:35	10/27/19 19:12	1
Antimony	ND		0.020	0.0068	mg/L		10/25/19 07:35	10/27/19 19:12	1
Arsenic	ND		0.015	0.0056	mg/L		10/25/19 07:35	10/27/19 19:12	1
Barium	0.021		0.0020	0.00070	mg/L		10/25/19 07:35	10/27/19 19:12	1
Beryllium	ND		0.0020	0.00030	mg/L		10/25/19 07:35	10/27/19 19:12	1
Cadmium	ND		0.0020	0.00050	mg/L		10/25/19 07:35	10/27/19 19:12	1
Calcium	491		0.50	0.10	mg/L		10/25/19 07:35	10/27/19 19:12	1
Chromium	ND		0.0040	0.0010	mg/L		10/25/19 07:35	10/27/19 19:12	1
Cobalt	0.0013	J	0.0040	0.00063	mg/L		10/25/19 07:35	10/27/19 19:12	1
Copper	ND		0.010	0.0016	mg/L		10/25/19 07:35	10/27/19 19:12	1
Iron	3.2	B	0.050	0.019	mg/L		10/25/19 07:35	10/27/19 19:12	1
Lead	ND		0.010	0.0030	mg/L		10/25/19 07:35	10/27/19 19:12	1
Magnesium	88.7		0.20	0.043	mg/L		10/25/19 07:35	10/27/19 19:12	1
Manganese	1.6	B	0.0030	0.00040	mg/L		10/25/19 07:35	10/27/19 19:12	1
Nickel	0.0045	J	0.010	0.0013	mg/L		10/25/19 07:35	10/27/19 19:12	1
Potassium	2.9		0.50	0.10	mg/L		10/25/19 07:35	10/27/19 19:12	1
Selenium	ND		0.025	0.0087	mg/L		10/25/19 07:35	10/27/19 19:12	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161451-1

Client Sample ID: OW-14B

Lab Sample ID: 480-161451-3

Date Collected: 10/23/19 14:20

Matrix: Water

Date Received: 10/23/19 17:30

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		10/25/19 07:35	10/27/19 19:12	1
Sodium	48.2		1.0	0.32	mg/L		10/25/19 07:35	10/27/19 19:12	1
Thallium	ND		0.020	0.010	mg/L		10/25/19 07:35	10/27/19 19:12	1
Vanadium	ND		0.0050	0.0015	mg/L		10/25/19 07:35	10/27/19 19:12	1
Zinc	0.0043	J B	0.010	0.0015	mg/L		10/25/19 07:35	10/27/19 19:12	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/04/19 11:22	11/04/19 14:30	1

Well OW-14BR

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123304-1

Client Sample ID: NS-OW14BR-GW

Lab Sample ID: 480-123304-5

Date Collected: 08/28/17 14:25

Matrix: Water

Date Received: 08/28/17 15:43

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/30/17 17:13	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/30/17 17:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/30/17 17:13	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/30/17 17:13	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/30/17 17:13	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/30/17 17:13	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/30/17 17:13	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/30/17 17:13	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/30/17 17:13	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/30/17 17:13	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/30/17 17:13	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/30/17 17:13	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/30/17 17:13	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/30/17 17:13	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/30/17 17:13	1
2-Hexanone	ND		5.0	1.2	ug/L			08/30/17 17:13	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/30/17 17:13	1
Acetone	5.6	J	10	3.0	ug/L			08/30/17 17:13	1
Benzene	ND		1.0	0.41	ug/L			08/30/17 17:13	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/30/17 17:13	1
Bromoform	ND		1.0	0.26	ug/L			08/30/17 17:13	1
Bromomethane	ND		1.0	0.69	ug/L			08/30/17 17:13	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/30/17 17:13	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/30/17 17:13	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/30/17 17:13	1
Chloroethane	ND		1.0	0.32	ug/L			08/30/17 17:13	1
Chloroform	ND		1.0	0.34	ug/L			08/30/17 17:13	1
Chloromethane	ND		1.0	0.35	ug/L			08/30/17 17:13	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/30/17 17:13	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/30/17 17:13	1
Cyclohexane	ND		1.0	0.18	ug/L			08/30/17 17:13	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/30/17 17:13	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/30/17 17:13	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/30/17 17:13	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/30/17 17:13	1
Methyl acetate	ND		2.5	1.3	ug/L			08/30/17 17:13	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/30/17 17:13	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/30/17 17:13	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/30/17 17:13	1
Styrene	ND		1.0	0.73	ug/L			08/30/17 17:13	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/30/17 17:13	1
Toluene	ND		1.0	0.51	ug/L			08/30/17 17:13	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/30/17 17:13	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/30/17 17:13	1
Trichloroethene	ND		1.0	0.46	ug/L			08/30/17 17:13	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/30/17 17:13	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/30/17 17:13	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/30/17 17:13	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123304-1

Client Sample ID: NS-OW14BR-GW

Lab Sample ID: 480-123304-5

Date Collected: 08/28/17 14:25

Matrix: Water

Date Received: 08/28/17 15:43

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		77 - 120		08/30/17 17:13	1
4-Bromofluorobenzene (Surr)	98		73 - 120		08/30/17 17:13	1
Toluene-d8 (Surr)	97		80 - 120		08/30/17 17:13	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		08/29/17 14:19	08/30/17 17:01	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		08/29/17 14:19	08/30/17 17:01	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		08/29/17 14:19	08/30/17 17:01	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		08/29/17 14:19	08/30/17 17:01	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		08/29/17 14:19	08/30/17 17:01	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		08/29/17 14:19	08/30/17 17:01	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		08/29/17 14:19	08/30/17 17:01	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		08/29/17 14:19	08/30/17 17:01	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		08/29/17 14:19	08/30/17 17:01	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		08/29/17 14:19	08/30/17 17:01	1
2-Chlorophenol	ND		5.0	0.53	ug/L		08/29/17 14:19	08/30/17 17:01	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/29/17 14:19	08/30/17 17:01	1
2-Methylphenol	ND		5.0	0.40	ug/L		08/29/17 14:19	08/30/17 17:01	1
2-Nitroaniline	ND		10	0.42	ug/L		08/29/17 14:19	08/30/17 17:01	1
2-Nitrophenol	ND		5.0	0.48	ug/L		08/29/17 14:19	08/30/17 17:01	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		08/29/17 14:19	08/30/17 17:01	1
3-Nitroaniline	ND		10	0.48	ug/L		08/29/17 14:19	08/30/17 17:01	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		08/29/17 14:19	08/30/17 17:01	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		08/29/17 14:19	08/30/17 17:01	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		08/29/17 14:19	08/30/17 17:01	1
4-Chloroaniline	ND		5.0	0.59	ug/L		08/29/17 14:19	08/30/17 17:01	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		08/29/17 14:19	08/30/17 17:01	1
4-Methylphenol	4.4 J		10	0.36	ug/L		08/29/17 14:19	08/30/17 17:01	1
4-Nitroaniline	ND		10	0.25	ug/L		08/29/17 14:19	08/30/17 17:01	1
4-Nitrophenol	ND		10	1.5	ug/L		08/29/17 14:19	08/30/17 17:01	1
Acenaphthene	ND		5.0	0.41	ug/L		08/29/17 14:19	08/30/17 17:01	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/29/17 14:19	08/30/17 17:01	1
Acetophenone	ND		5.0	0.54	ug/L		08/29/17 14:19	08/30/17 17:01	1
Anthracene	ND		5.0	0.28	ug/L		08/29/17 14:19	08/30/17 17:01	1
Atrazine	ND		5.0	0.46	ug/L		08/29/17 14:19	08/30/17 17:01	1
Benzaldehyde	ND		5.0	0.27	ug/L		08/29/17 14:19	08/30/17 17:01	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		08/29/17 14:19	08/30/17 17:01	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		08/29/17 14:19	08/30/17 17:01	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		08/29/17 14:19	08/30/17 17:01	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		08/29/17 14:19	08/30/17 17:01	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		08/29/17 14:19	08/30/17 17:01	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		08/29/17 14:19	08/30/17 17:01	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		08/29/17 14:19	08/30/17 17:01	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		08/29/17 14:19	08/30/17 17:01	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		08/29/17 14:19	08/30/17 17:01	1
Caprolactam	ND		5.0	2.2	ug/L		08/29/17 14:19	08/30/17 17:01	1
Carbazole	ND		5.0	0.30	ug/L		08/29/17 14:19	08/30/17 17:01	1
Chrysene	ND		5.0	0.33	ug/L		08/29/17 14:19	08/30/17 17:01	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		08/29/17 14:19	08/30/17 17:01	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123304-1

Client Sample ID: NS-OW14BR-GW

Lab Sample ID: 480-123304-5

Date Collected: 08/28/17 14:25

Matrix: Water

Date Received: 08/28/17 15:43

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		08/29/17 14:19	08/30/17 17:01	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/29/17 14:19	08/30/17 17:01	1
Dibenzofuran	ND		10	0.51	ug/L		08/29/17 14:19	08/30/17 17:01	1
Diethyl phthalate	ND		5.0	0.22	ug/L		08/29/17 14:19	08/30/17 17:01	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		08/29/17 14:19	08/30/17 17:01	1
Fluoranthene	ND		5.0	0.40	ug/L		08/29/17 14:19	08/30/17 17:01	1
Fluorene	ND		5.0	0.36	ug/L		08/29/17 14:19	08/30/17 17:01	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		08/29/17 14:19	08/30/17 17:01	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		08/29/17 14:19	08/30/17 17:01	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		08/29/17 14:19	08/30/17 17:01	1
Hexachloroethane	ND		5.0	0.59	ug/L		08/29/17 14:19	08/30/17 17:01	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		08/29/17 14:19	08/30/17 17:01	1
Isophorone	ND		5.0	0.43	ug/L		08/29/17 14:19	08/30/17 17:01	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		08/29/17 14:19	08/30/17 17:01	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		08/29/17 14:19	08/30/17 17:01	1
Naphthalene	ND		5.0	0.76	ug/L		08/29/17 14:19	08/30/17 17:01	1
Nitrobenzene	ND		5.0	0.29	ug/L		08/29/17 14:19	08/30/17 17:01	1
Pentachlorophenol	ND		10	2.2	ug/L		08/29/17 14:19	08/30/17 17:01	1
Phenanthrene	ND		5.0	0.44	ug/L		08/29/17 14:19	08/30/17 17:01	1
Phenol	ND		5.0	0.39	ug/L		08/29/17 14:19	08/30/17 17:01	1
Pyrene	ND		5.0	0.34	ug/L		08/29/17 14:19	08/30/17 17:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	99		41 - 120	08/29/17 14:19	08/30/17 17:01	1
2-Fluorobiphenyl	76		48 - 120	08/29/17 14:19	08/30/17 17:01	1
2-Fluorophenol	58		35 - 120	08/29/17 14:19	08/30/17 17:01	1
Nitrobenzene-d5	80		46 - 120	08/29/17 14:19	08/30/17 17:01	1
p-Terphenyl-d14	75		59 - 136	08/29/17 14:19	08/30/17 17:01	1
Phenol-d5	46		22 - 120	08/29/17 14:19	08/30/17 17:01	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		08/29/17 07:47	08/29/17 21:14	1
4,4'-DDE	ND		0.050	0.012	ug/L		08/29/17 07:47	08/29/17 21:14	1
4,4'-DDT	ND		0.050	0.011	ug/L		08/29/17 07:47	08/29/17 21:14	1
Aldrin	ND		0.050	0.0081	ug/L		08/29/17 07:47	08/29/17 21:14	1
alpha-BHC	ND		0.050	0.0077	ug/L		08/29/17 07:47	08/29/17 21:14	1
alpha-Chlordane	ND		0.050	0.015	ug/L		08/29/17 07:47	08/29/17 21:14	1
beta-BHC	ND		0.050	0.025	ug/L		08/29/17 07:47	08/29/17 21:14	1
delta-BHC	ND		0.050	0.010	ug/L		08/29/17 07:47	08/29/17 21:14	1
Dieldrin	ND		0.050	0.0098	ug/L		08/29/17 07:47	08/29/17 21:14	1
Endosulfan I	ND		0.050	0.011	ug/L		08/29/17 07:47	08/29/17 21:14	1
Endosulfan II	ND		0.050	0.012	ug/L		08/29/17 07:47	08/29/17 21:14	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		08/29/17 07:47	08/29/17 21:14	1
Endrin	ND		0.050	0.014	ug/L		08/29/17 07:47	08/29/17 21:14	1
Endrin aldehyde	ND		0.050	0.016	ug/L		08/29/17 07:47	08/29/17 21:14	1
Endrin ketone	ND		0.050	0.012	ug/L		08/29/17 07:47	08/29/17 21:14	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		08/29/17 07:47	08/29/17 21:14	1
gamma-Chlordane	ND		0.050	0.011	ug/L		08/29/17 07:47	08/29/17 21:14	1
Heptachlor	ND		0.050	0.0085	ug/L		08/29/17 07:47	08/29/17 21:14	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123304-1

Client Sample ID: NS-OW14BR-GW

Lab Sample ID: 480-123304-5

Date Collected: 08/28/17 14:25

Matrix: Water

Date Received: 08/28/17 15:43

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		0.050	0.0074	ug/L		08/29/17 07:47	08/29/17 21:14	1
Methoxychlor	ND		0.050	0.014	ug/L		08/29/17 07:47	08/29/17 21:14	1
Toxaphene	ND		0.50	0.12	ug/L		08/29/17 07:47	08/29/17 21:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	77		20 - 120				08/29/17 07:47	08/29/17 21:14	1
DCB Decachlorobiphenyl	73		20 - 120				08/29/17 07:47	08/29/17 21:14	1
Tetrachloro-m-xylene	92		44 - 120				08/29/17 07:47	08/29/17 21:14	1
Tetrachloro-m-xylene	80		44 - 120				08/29/17 07:47	08/29/17 21:14	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		08/29/17 14:46	08/30/17 22:38	1
PCB-1221	ND		0.50	0.18	ug/L		08/29/17 14:46	08/30/17 22:38	1
PCB-1232	ND		0.50	0.18	ug/L		08/29/17 14:46	08/30/17 22:38	1
PCB-1242	ND		0.50	0.18	ug/L		08/29/17 14:46	08/30/17 22:38	1
PCB-1248	ND		0.50	0.18	ug/L		08/29/17 14:46	08/30/17 22:38	1
PCB-1254	ND		0.50	0.25	ug/L		08/29/17 14:46	08/30/17 22:38	1
PCB-1260	ND		0.50	0.25	ug/L		08/29/17 14:46	08/30/17 22:38	1
PCB-1262	ND		0.50	0.25	ug/L		08/29/17 14:46	08/30/17 22:38	1
PCB-1268	ND		0.50	0.25	ug/L		08/29/17 14:46	08/30/17 22:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	89		39 - 121				08/29/17 14:46	08/30/17 22:38	1
Tetrachloro-m-xylene	74		39 - 121				08/29/17 14:46	08/30/17 22:38	1
DCB Decachlorobiphenyl	75		19 - 120				08/29/17 14:46	08/30/17 22:38	1
DCB Decachlorobiphenyl	65		19 - 120				08/29/17 14:46	08/30/17 22:38	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/29/17 07:44	08/29/17 22:55	1
Antimony	ND		0.020	0.0068	mg/L		08/29/17 07:44	08/29/17 18:19	1
Arsenic	ND		0.015	0.0056	mg/L		08/29/17 07:44	08/29/17 18:19	1
Barium	0.057		0.0020	0.00070	mg/L		08/29/17 07:44	08/29/17 18:19	1
Beryllium	ND		0.0020	0.00030	mg/L		08/29/17 07:44	08/29/17 18:19	1
Cadmium	ND		0.0020	0.00050	mg/L		08/29/17 07:44	08/29/17 18:19	1
Calcium	238		0.50	0.10	mg/L		08/29/17 07:44	08/29/17 18:19	1
Chromium	ND		0.0040	0.0010	mg/L		08/29/17 07:44	08/29/17 18:19	1
Cobalt	0.0026	J	0.0040	0.00063	mg/L		08/29/17 07:44	08/29/17 18:19	1
Copper	ND		0.010	0.0016	mg/L		08/29/17 07:44	08/29/17 18:19	1
Iron	0.77		0.050	0.019	mg/L		08/29/17 07:44	08/29/17 18:19	1
Lead	ND		0.010	0.0030	mg/L		08/29/17 07:44	08/29/17 18:19	1
Magnesium	54.2		0.20	0.043	mg/L		08/29/17 07:44	08/29/17 18:19	1
Manganese	1.6	B	0.0030	0.00040	mg/L		08/29/17 07:44	08/29/17 18:19	1
Nickel	0.0040	J	0.010	0.0013	mg/L		08/29/17 07:44	08/29/17 18:19	1
Potassium	11.5		0.50	0.10	mg/L		08/29/17 07:44	08/29/17 18:19	1
Selenium	ND		0.025	0.0087	mg/L		08/29/17 07:44	08/29/17 18:19	1
Silver	ND		0.0060	0.0017	mg/L		08/29/17 07:44	08/29/17 18:19	1
Sodium	27.1		1.0	0.32	mg/L		08/29/17 07:44	08/29/17 18:19	1
Thallium	ND		0.020	0.010	mg/L		08/29/17 07:44	08/29/17 18:19	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123304-1

Client Sample ID: NS-OW14BR-GW

Lab Sample ID: 480-123304-5

Date Collected: 08/28/17 14:25

Matrix: Water

Date Received: 08/28/17 15:43

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	ND		0.0050	0.0015	mg/L		08/29/17 07:44	08/29/17 18:19	1
Zinc	0.0029	J	0.010	0.0015	mg/L		08/29/17 07:44	08/29/17 18:19	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/30/17 08:43	08/30/17 19:42	1
Antimony	ND		0.020	0.0068	mg/L		08/30/17 08:43	08/30/17 19:42	1
Arsenic	ND		0.015	0.0056	mg/L		08/30/17 08:43	08/30/17 19:42	1
Barium	0.056		0.0020	0.00070	mg/L		08/30/17 08:43	08/30/17 19:42	1
Beryllium	ND		0.0020	0.00030	mg/L		08/30/17 08:43	08/30/17 19:42	1
Cadmium	ND		0.0020	0.00050	mg/L		08/30/17 08:43	08/30/17 19:42	1
Calcium	235		0.50	0.10	mg/L		08/30/17 08:43	08/30/17 19:42	1
Chromium	ND		0.0040	0.0010	mg/L		08/30/17 08:43	08/30/17 19:42	1
Cobalt	0.0027	J	0.0040	0.00063	mg/L		08/30/17 08:43	08/30/17 19:42	1
Copper	ND		0.010	0.0016	mg/L		08/30/17 08:43	08/30/17 19:42	1
Iron	0.097		0.050	0.019	mg/L		08/30/17 08:43	08/30/17 19:42	1
Lead	ND		0.010	0.0030	mg/L		08/30/17 08:43	08/30/17 19:42	1
Magnesium	52.9		0.20	0.043	mg/L		08/30/17 08:43	08/30/17 19:42	1
Manganese	1.5	B	0.0030	0.00040	mg/L		08/30/17 08:43	08/30/17 19:42	1
Nickel	0.0050	J	0.010	0.0013	mg/L		08/30/17 08:43	08/30/17 19:42	1
Potassium	11.5		0.50	0.10	mg/L		08/30/17 08:43	08/30/17 19:42	1
Selenium	ND		0.025	0.0087	mg/L		08/30/17 08:43	08/30/17 19:42	1
Silver	ND		0.0060	0.0017	mg/L		08/30/17 08:43	08/30/17 19:42	1
Sodium	26.4		1.0	0.32	mg/L		08/30/17 08:43	08/30/17 19:42	1
Thallium	ND		0.020	0.010	mg/L		08/30/17 08:43	08/30/17 19:42	1
Vanadium	ND		0.0050	0.0015	mg/L		08/30/17 08:43	08/30/17 19:42	1
Zinc	0.011	B	0.010	0.0015	mg/L		08/30/17 08:43	08/30/17 19:42	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/29/17 10:55	08/29/17 14:28	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/30/17 10:55	08/30/17 16:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	34.2		2.5	1.4	mg/L			08/29/17 17:30	5
Sulfate	378		10.0	1.7	mg/L			08/29/17 17:30	5
Alkalinity, Total	446		5.0	0.79	mg/L			08/29/17 18:38	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161695-1

Client Sample ID: OW-14BR

Lab Sample ID: 480-161695-4

Date Collected: 10/25/19 10:45

Matrix: Water

Date Received: 10/25/19 13:33

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			11/06/19 06:58	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			11/06/19 06:58	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			11/06/19 06:58	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			11/06/19 06:58	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			11/06/19 06:58	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			11/06/19 06:58	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			11/06/19 06:58	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			11/06/19 06:58	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			11/06/19 06:58	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			11/06/19 06:58	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			11/06/19 06:58	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			11/06/19 06:58	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			11/06/19 06:58	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			11/06/19 06:58	4
2-Butanone (MEK)	ND		40	5.3	ug/L			11/06/19 06:58	4
2-Hexanone	ND		20	5.0	ug/L			11/06/19 06:58	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			11/06/19 06:58	4
Acetone	ND		40	12	ug/L			11/06/19 06:58	4
Benzene	ND		4.0	1.6	ug/L			11/06/19 06:58	4
Bromodichloromethane	ND		4.0	1.6	ug/L			11/06/19 06:58	4
Bromoform	ND		4.0	1.0	ug/L			11/06/19 06:58	4
Bromomethane	ND		4.0	2.8	ug/L			11/06/19 06:58	4
Carbon disulfide	ND		4.0	0.76	ug/L			11/06/19 06:58	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			11/06/19 06:58	4
Chlorobenzene	ND		4.0	3.0	ug/L			11/06/19 06:58	4
Chloroethane	ND		4.0	1.3	ug/L			11/06/19 06:58	4
Chloroform	ND		4.0	1.4	ug/L			11/06/19 06:58	4
Chloromethane	ND		4.0	1.4	ug/L			11/06/19 06:58	4
cis-1,2-Dichloroethene	ND		4.0	3.2	ug/L			11/06/19 06:58	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			11/06/19 06:58	4
Cyclohexane	ND		4.0	0.72	ug/L			11/06/19 06:58	4
Dibromochloromethane	ND		4.0	1.3	ug/L			11/06/19 06:58	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			11/06/19 06:58	4
Ethylbenzene	ND		4.0	3.0	ug/L			11/06/19 06:58	4
Isopropylbenzene	ND		4.0	3.2	ug/L			11/06/19 06:58	4
Methyl acetate	ND		10	5.2	ug/L			11/06/19 06:58	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			11/06/19 06:58	4
Methylcyclohexane	ND		4.0	0.64	ug/L			11/06/19 06:58	4
Methylene Chloride	ND		4.0	1.8	ug/L			11/06/19 06:58	4
Styrene	ND		4.0	2.9	ug/L			11/06/19 06:58	4
Tetrachloroethene	ND		4.0	1.4	ug/L			11/06/19 06:58	4
Toluene	ND		4.0	2.0	ug/L			11/06/19 06:58	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			11/06/19 06:58	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			11/06/19 06:58	4
Trichloroethene	ND		4.0	1.8	ug/L			11/06/19 06:58	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			11/06/19 06:58	4
Vinyl chloride	ND		4.0	3.6	ug/L			11/06/19 06:58	4
Xylenes, Total	ND		8.0	2.6	ug/L			11/06/19 06:58	4

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161695-1

Client Sample ID: OW-14BR

Lab Sample ID: 480-161695-4

Date Collected: 10/25/19 10:45

Matrix: Water

Date Received: 10/25/19 13:33

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		11/06/19 06:58	4
4-Bromofluorobenzene (Surr)	101		73 - 120		11/06/19 06:58	4
Toluene-d8 (Surr)	103		80 - 120		11/06/19 06:58	4

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		10/31/19 08:19	10/31/19 20:37	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		10/31/19 08:19	10/31/19 20:37	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		10/31/19 08:19	10/31/19 20:37	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		10/31/19 08:19	10/31/19 20:37	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		10/31/19 08:19	10/31/19 20:37	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		10/31/19 08:19	10/31/19 20:37	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		10/31/19 08:19	10/31/19 20:37	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		10/31/19 08:19	10/31/19 20:37	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		10/31/19 08:19	10/31/19 20:37	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		10/31/19 08:19	10/31/19 20:37	1
2-Chlorophenol	ND		5.0	0.53	ug/L		10/31/19 08:19	10/31/19 20:37	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		10/31/19 08:19	10/31/19 20:37	1
2-Methylphenol	ND		5.0	0.40	ug/L		10/31/19 08:19	10/31/19 20:37	1
2-Nitroaniline	ND		10	0.42	ug/L		10/31/19 08:19	10/31/19 20:37	1
2-Nitrophenol	ND		5.0	0.48	ug/L		10/31/19 08:19	10/31/19 20:37	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		10/31/19 08:19	10/31/19 20:37	1
3-Nitroaniline	ND		10	0.48	ug/L		10/31/19 08:19	10/31/19 20:37	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		10/31/19 08:19	10/31/19 20:37	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		10/31/19 08:19	10/31/19 20:37	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		10/31/19 08:19	10/31/19 20:37	1
4-Chloroaniline	ND		5.0	0.59	ug/L		10/31/19 08:19	10/31/19 20:37	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		10/31/19 08:19	10/31/19 20:37	1
4-Methylphenol	ND		10	0.36	ug/L		10/31/19 08:19	10/31/19 20:37	1
4-Nitroaniline	ND		10	0.25	ug/L		10/31/19 08:19	10/31/19 20:37	1
4-Nitrophenol	ND		10	1.5	ug/L		10/31/19 08:19	10/31/19 20:37	1
Acenaphthene	ND		5.0	0.41	ug/L		10/31/19 08:19	10/31/19 20:37	1
Acenaphthylene	ND		5.0	0.38	ug/L		10/31/19 08:19	10/31/19 20:37	1
Acetophenone	ND		5.0	0.54	ug/L		10/31/19 08:19	10/31/19 20:37	1
Anthracene	ND		5.0	0.28	ug/L		10/31/19 08:19	10/31/19 20:37	1
Atrazine	ND		5.0	0.46	ug/L		10/31/19 08:19	10/31/19 20:37	1
Benzaldehyde	ND		5.0	0.27	ug/L		10/31/19 08:19	10/31/19 20:37	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		10/31/19 08:19	10/31/19 20:37	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		10/31/19 08:19	10/31/19 20:37	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		10/31/19 08:19	10/31/19 20:37	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		10/31/19 08:19	10/31/19 20:37	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		10/31/19 08:19	10/31/19 20:37	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		10/31/19 08:19	10/31/19 20:37	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		10/31/19 08:19	10/31/19 20:37	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		10/31/19 08:19	10/31/19 20:37	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		10/31/19 08:19	10/31/19 20:37	1
Caprolactam	ND		5.0	2.2	ug/L		10/31/19 08:19	10/31/19 20:37	1
Carbazole	ND		5.0	0.30	ug/L		10/31/19 08:19	10/31/19 20:37	1
Chrysene	ND		5.0	0.33	ug/L		10/31/19 08:19	10/31/19 20:37	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		10/31/19 08:19	10/31/19 20:37	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161695-1

Client Sample ID: OW-14BR

Lab Sample ID: 480-161695-4

Date Collected: 10/25/19 10:45

Matrix: Water

Date Received: 10/25/19 13:33

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		10/31/19 08:19	10/31/19 20:37	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		10/31/19 08:19	10/31/19 20:37	1
Dibenzofuran	ND		10	0.51	ug/L		10/31/19 08:19	10/31/19 20:37	1
Diethyl phthalate	ND		5.0	0.22	ug/L		10/31/19 08:19	10/31/19 20:37	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		10/31/19 08:19	10/31/19 20:37	1
Fluoranthene	ND		5.0	0.40	ug/L		10/31/19 08:19	10/31/19 20:37	1
Fluorene	ND		5.0	0.36	ug/L		10/31/19 08:19	10/31/19 20:37	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		10/31/19 08:19	10/31/19 20:37	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		10/31/19 08:19	10/31/19 20:37	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		10/31/19 08:19	10/31/19 20:37	1
Hexachloroethane	ND		5.0	0.59	ug/L		10/31/19 08:19	10/31/19 20:37	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		10/31/19 08:19	10/31/19 20:37	1
Isophorone	ND		5.0	0.43	ug/L		10/31/19 08:19	10/31/19 20:37	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		10/31/19 08:19	10/31/19 20:37	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		10/31/19 08:19	10/31/19 20:37	1
Naphthalene	ND		5.0	0.76	ug/L		10/31/19 08:19	10/31/19 20:37	1
Nitrobenzene	ND		5.0	0.29	ug/L		10/31/19 08:19	10/31/19 20:37	1
Pentachlorophenol	ND		10	2.2	ug/L		10/31/19 08:19	10/31/19 20:37	1
Phenanthrene	ND		5.0	0.44	ug/L		10/31/19 08:19	10/31/19 20:37	1
Phenol	ND		5.0	0.39	ug/L		10/31/19 08:19	10/31/19 20:37	1
Pyrene	ND		5.0	0.34	ug/L		10/31/19 08:19	10/31/19 20:37	1
Benzoic acid	ND		150	100	ug/L		10/31/19 08:19	10/31/19 20:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	92		41 - 120	10/31/19 08:19	10/31/19 20:37	1
2-Fluorobiphenyl	108		48 - 120	10/31/19 08:19	10/31/19 20:37	1
2-Fluorophenol	68		35 - 120	10/31/19 08:19	10/31/19 20:37	1
Nitrobenzene-d5	94		46 - 120	10/31/19 08:19	10/31/19 20:37	1
p-Terphenyl-d14	85		60 - 148	10/31/19 08:19	10/31/19 20:37	1
Phenol-d5	50		22 - 120	10/31/19 08:19	10/31/19 20:37	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		10/30/19 15:04	10/31/19 17:36	1
4,4'-DDE	ND		0.050	0.012	ug/L		10/30/19 15:04	10/31/19 17:36	1
4,4'-DDT	0.012	J	0.050	0.011	ug/L		10/30/19 15:04	10/31/19 17:36	1
Aldrin	ND		0.050	0.0081	ug/L		10/30/19 15:04	10/31/19 17:36	1
alpha-BHC	ND		0.050	0.0077	ug/L		10/30/19 15:04	10/31/19 17:36	1
cis-Chlordane	ND		0.050	0.015	ug/L		10/30/19 15:04	10/31/19 17:36	1
beta-BHC	ND		0.050	0.025	ug/L		10/30/19 15:04	10/31/19 17:36	1
delta-BHC	ND		0.050	0.010	ug/L		10/30/19 15:04	10/31/19 17:36	1
Dieldrin	ND		0.050	0.0098	ug/L		10/30/19 15:04	10/31/19 17:36	1
Endosulfan I	ND		0.050	0.011	ug/L		10/30/19 15:04	10/31/19 17:36	1
Endosulfan II	ND		0.050	0.012	ug/L		10/30/19 15:04	10/31/19 17:36	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		10/30/19 15:04	10/31/19 17:36	1
Endrin	ND		0.050	0.014	ug/L		10/30/19 15:04	10/31/19 17:36	1
Endrin aldehyde	ND		0.050	0.016	ug/L		10/30/19 15:04	10/31/19 17:36	1
Endrin ketone	ND		0.050	0.012	ug/L		10/30/19 15:04	10/31/19 17:36	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		10/30/19 15:04	10/31/19 17:36	1
trans-Chlordane	ND		0.050	0.011	ug/L		10/30/19 15:04	10/31/19 17:36	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161695-1

Client Sample ID: OW-14BR

Lab Sample ID: 480-161695-4

Date Collected: 10/25/19 10:45

Matrix: Water

Date Received: 10/25/19 13:33

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.050	0.0085	ug/L		10/30/19 15:04	10/31/19 17:36	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		10/30/19 15:04	10/31/19 17:36	1
Methoxychlor	ND		0.050	0.014	ug/L		10/30/19 15:04	10/31/19 17:36	1
Toxaphene	ND		0.50	0.12	ug/L		10/30/19 15:04	10/31/19 17:36	1
Mirex	ND		0.050	0.0096	ug/L		10/30/19 15:04	10/31/19 17:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	94		20 - 120	10/30/19 15:04	10/31/19 17:36	1
DCB Decachlorobiphenyl	87		20 - 120	10/30/19 15:04	10/31/19 17:36	1
Tetrachloro-m-xylene	100		44 - 120	10/30/19 15:04	10/31/19 17:36	1
Tetrachloro-m-xylene	85		44 - 120	10/30/19 15:04	10/31/19 17:36	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/07/19 15:22	11/08/19 11:42	1
PCB-1221	ND		0.50	0.18	ug/L		11/07/19 15:22	11/08/19 11:42	1
PCB-1232	ND		0.50	0.18	ug/L		11/07/19 15:22	11/08/19 11:42	1
PCB-1242	ND		0.50	0.18	ug/L		11/07/19 15:22	11/08/19 11:42	1
PCB-1248	ND		0.50	0.18	ug/L		11/07/19 15:22	11/08/19 11:42	1
PCB-1254	ND		0.50	0.25	ug/L		11/07/19 15:22	11/08/19 11:42	1
PCB-1260	ND		0.50	0.25	ug/L		11/07/19 15:22	11/08/19 11:42	1
PCB-1262	ND		0.50	0.25	ug/L		11/07/19 15:22	11/08/19 11:42	1
PCB-1268	ND		0.50	0.25	ug/L		11/07/19 15:22	11/08/19 11:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	74		39 - 121	11/07/19 15:22	11/08/19 11:42	1
Tetrachloro-m-xylene	61		39 - 121	11/07/19 15:22	11/08/19 11:42	1
DCB Decachlorobiphenyl	66		19 - 120	11/07/19 15:22	11/08/19 11:42	1
DCB Decachlorobiphenyl	50		19 - 120	11/07/19 15:22	11/08/19 11:42	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		10/30/19 08:47	10/30/19 22:12	1
Antimony	ND		0.020	0.0068	mg/L		10/30/19 08:47	10/30/19 22:12	1
Arsenic	ND		0.015	0.0056	mg/L		10/30/19 08:47	10/30/19 22:12	1
Barium	0.068		0.0020	0.00070	mg/L		10/30/19 08:47	10/30/19 22:12	1
Beryllium	ND		0.0020	0.00030	mg/L		10/30/19 08:47	10/30/19 22:12	1
Cadmium	ND		0.0020	0.00050	mg/L		10/30/19 08:47	10/30/19 22:12	1
Calcium	298		0.50	0.10	mg/L		10/30/19 08:47	10/30/19 22:12	1
Chromium	ND		0.0040	0.0010	mg/L		10/30/19 08:47	10/30/19 22:12	1
Cobalt	0.0016	J	0.0040	0.00063	mg/L		10/30/19 08:47	10/30/19 22:12	1
Copper	0.0043	J	0.010	0.0016	mg/L		10/30/19 08:47	10/30/19 22:12	1
Iron	0.63		0.050	0.019	mg/L		10/30/19 08:47	10/30/19 22:12	1
Lead	0.0049	J	0.010	0.0030	mg/L		10/30/19 08:47	10/30/19 22:12	1
Magnesium	62.0		0.20	0.043	mg/L		10/30/19 08:47	10/30/19 22:12	1
Manganese	1.1		0.0030	0.00040	mg/L		10/30/19 08:47	10/30/19 22:12	1
Nickel	0.0037	J	0.010	0.0013	mg/L		10/30/19 08:47	10/30/19 22:12	1
Potassium	10.3		0.50	0.10	mg/L		10/30/19 08:47	10/30/19 22:12	1
Selenium	ND		0.025	0.0087	mg/L		10/30/19 08:47	10/30/19 22:12	1
Silver	ND		0.0060	0.0017	mg/L		10/30/19 08:47	10/30/19 22:12	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161695-1

Client Sample ID: OW-14BR

Lab Sample ID: 480-161695-4

Date Collected: 10/25/19 10:45

Matrix: Water

Date Received: 10/25/19 13:33

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	33.9		1.0	0.32	mg/L		10/30/19 08:47	10/30/19 22:12	1
Thallium	ND		0.020	0.010	mg/L		10/30/19 08:47	10/30/19 22:12	1
Vanadium	ND		0.0050	0.0015	mg/L		10/30/19 08:47	10/30/19 22:12	1
Zinc	0.0047	J B	0.010	0.0015	mg/L		10/30/19 08:47	10/30/19 22:12	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/07/19 11:15	11/07/19 16:01	1

Well OW-16

ORGANICS ANALYSIS DATA SHEET

(PAGE 1)

SAMPLE NUMBER
OW-16.19 2/18

Laboratory Name: NANCO LABORATORY INC.

Lab File ID No: H0231

Sample Matrix: WATER

Data Release Authorized By: *P. J. Kurnach*

SYO12.19/NASH RD

Case No: ENG. SCI.

QC Report No: N/A

Contract No: N/A

Date Sample Received: 02/19/88

VOLATILE COMPOUNDS

Concentrations: Low Medium (Circle One)
 Date Extracted/Prepared: 02/24/88
 Date Analyzed: 02/24/88
 Conc/Dil Factor: 1 pH: 6.4
 Percent Moisture: N/A

CAS Number		ug/l or ug/Kg (Circle One)	CAS Number		ug/l or ug/Kg (Circle One)
74-87-3	Chloromethane	10.0 U	79-34-5	1,1,2,2-Tetrachloroethane	5.0 U
74-83-9	Bromomethane	10.0 U	78-87-5	1,2-Dichloropropane	5.0 U
75-01-4	Vinyl Chloride	10.0 U	10061-02-6	Trans-1,3-Dichloropropene	5.0 U
75-00-3	Chloroethane	10.0 U	79-01-6	Trichloroethene	5.0 U
75-09-2	Methylene Chloride	11.0	124-48-1	Dibromochloromethane	5.0 U
67-64-1	Acetone	24.0	79-00-5	1,1,2-Trichloroethane	5.0 U
75-15-0	Carbon Disulfide	5.0 U	71-43-2	Benzene	12.0
75-35-4	1,1-Dichloroethene	5.0 U	10061-01-5	cis-1,3-Dichloropropene	5.0 U
75-34-3	1,1-Dichloroethane	5.0 U	110-75-8	2-Chloroethylvinylether	10.0 U
156-60-5	Trans-1,2-Dichloroethene	5.0 U	75-25-2	Bromoform	5.0 U
67-66-3	Chloroform	5.0 U	591-78-6	2-Hexanone	10.0 U
107-06-2	1,2-Dichloroethane	5.0 U	108-10-1	4-Methyl-2-Pentanone	3.1 J
78-93-3	2-Butanone	9.8 J	127-18-4	Tetrachloroethene	5.0 U
71-55-6	1,1,1-Trichloroethane	5.5	108-88-3	Toluene	5.2
56-23-5	Carbon Tetrachloride	5.0 U	108-90-7	Chlorobenzene	25.0
108-05-4	Vinyl Acetate	10.0 U	100-41-4	Ethylbenzene	55.0
75-27-4	Bromodichloromethane	5.0 U	100-42-5	Styrene	5.0 U
				Total Xylenes	30.0

Data Reporting Qualifiers

For reporting results to EPA, the following results qualifiers are used.
 Additional flags or footnotes explaining results are encouraged. However, the
 definition of each flag must be explicit.

VALUE

If the result is a value greater than or equal to the detection limit, report the value.

U

Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U based on necessary concentration dilution actions. (This is not necessarily the instrument detection limit.) The footnote should read U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

J

Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicates the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero (e.g. 10J).

C

This flag applies to pesticide parameters where the identification has been confirmed by GC/MS Single component pesticides greater than or equal to 10 ng/ul in the final extract should be confirmed by GC/MS

B

This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

OTHER

Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report.

ORGANIC ANALYSIS DATA SHEET

(PAGE 2)

LABORATORY NAME: NANCO LABS. INC.

SAMPLE NO.

CASE NO: ENG. SCI.

SYQ12.19/NASH RD

OW-16.19 2/19

SEMIVOLATILE COMPOUNDS

Concentrations: Low Medium (Circle One)

GPC Cleanup: Yes ___ No X

Date Extracted/Prepared: 02/19/88

Separatory Funnel Extraction: Yes X

Date Analyzed: 02/25/88

Continuous Liquid - Liquid Extraction: Yes ___

Conc/Dil Factor:-----> 1

Percent Moisture: N/A

CAS Number		ug/l or ug/Kg (Circle One)	CAS Number		ug/l or ug/Kg (Circle One)
108-95-2	Phenol	10.0 U	83-32-9	Acenaphthene	10.0 U
111-44-4	bis(-2-Chloroethyl)Ether	10.0 U	51-28-5	2,4-Dinitrophenol	50.0 U
95-57-8	2-Chlorophenol	10.0 U	100-02-7	4-Nitrophenol	50.0 U
541-73-1	1,3-Dichlorobenzene	10.0 U	132-64-9	Dibenzofuran	10.0 U
106-46-7	1,4-Dichlorobenzene	10.0 U	121-14-2	2,4-Dinitrotoluene	10.0 U
100-51-6	Benzyl Alcohol	10.0 U	606-20-2	2,6-Dinitrotoluene	10.0 U
95-50-1	1,2-Dichlorobenzene	10.0 U	84-66-2	Diethylphthalate	10.0 U
95-48-7	2-Methylphenol	10.0 U	7005-72-3	4-Chlorophenyl-phenylether	10.0 U
39638-32-9	bis(2-chloroisopropyl)Ether	10.0 U	86-73-7	Fluorene	10.0 U
106-44-5	4-Methylphenol	25.0	100-01-6	4-Nitroaniline	50.0 U
621-64-7	N-Nitroso-Di-n-Propylamine	10.0 U	534-52-1	4,6-Dinitro-2-Methylphenol	50.0 U
67-72-1	Hexachloroethane	10.0 U	86-30-6	N-Nitrosodiphenylamine (1)	10.0 U
98-95-3	Nitrobenzene	10.0 U	101-55-3	4-Bromophenyl-phenylether	10.0 U
78-59-1	Isophorone	10.0 U	118-74-1	Hexachlorobenzene	10.0 U
88-75-5	2-Nitrophenol	10.0 U	87-86-5	Pentachlorophenol	50.0 U
105-67-9	2,4-Dimethylphenol	19.0	85-01-8	Phenanthrene	10.0 U
65-85-0	Benzoic Acid	26.0 J	120-12-7	Anthracene	10.0 U
111-91-1	bis(-2-Chloroethoxy)Methane	10.0 U	84-74-2	Di-n-Butylphthalate	10.0 U
120-83-2	2,4-Dichlorophenol	10.0 U	206-44-0	Fluoranthene	10.0 U
120-82-1	1,2,4-Trichlorobenzene	10.0 U	129-00-0	Pyrene	10.0 U
91-20-3	Naphthalene	8.3 J	85-68-7	Butylbenzylphthalate	10.0 U
106-47-8	4-Chloroaniline	10.0 U	91-94-1	3,3'-Dichlorobenzidine	20.0 U
87-68-3	Hexachlorobutadiene	10.0 U	56-55-3	Benzo(a)Anthracene	10.0 U
59-50-7	4-Chloro-3-Methylphenol	10.0 U	117-81-7	bis(2-Ethylhexyl)Phthalate	57.0 B
91-57-6	2-Methylnaphthalene	10.0 U	218-01-9	Chrysene	10.0 U
77-47-4	Hexachlorocyclopentadiene	10.0 U	117-84-0	Di-n-Octyl Phthalate	10.0 U
88-06-2	2,4,6-Trichlorophenol	10.0 U	205-99-2	Benzo(b)Fluoranthene	10.0 U
95-95-4	2,4,5-Trichlorophenol	50.0 U	207-08-9	Benzo(k)Fluoranthene	10.0 U
91-58-7	2-Chloronaphthalene	10.0 U	50-32-8	Benzo(a)Pyrene	10.0 U
88-74-4	2-Nitroaniline	50.0 U	193-39-5	Indeno(1,2,3-cd)Pyrene	10.0 U
131-11-3	Dimethyl Phthalate	10.0 U	53-70-3	Dibenz(a,h)Anthracene	10.0 U
208-96-8	Acenaphthylene	10.0 U	191-24-2	Benzo(g,h,i)Perylene	10.0 U
99-09-2	3-Nitroaniline	50.0 U			

(1) - Cannot be separated from diphenylamine

ORGANICS ANALYSIS DATA SHEET
(PAGE 4)

LABORATORY NAME :NANCO LABS,INC.
CASE NO: ENG. SCI.
SY012.19/NASH RD

SAMPLE NUMBER
OW-16.19 2/18

Tentatively Identified Compounds

CAS Number	Compound Name	Fraction	RT or Scan Number	Estimated Concentration (ug/l or ug/Kg)
1 1066406	SILANOL TRIMETHYL	VOA	14.43	17.0 J
2 ----	2,4-DIMETHYL-3-PENTANONE	VOA	23.10	7.0 J
3 470826	CINEOLE	VOA	28.59	6.6 J
4 ----	UNKNOWN BICYCLIC COMPOUND	VOA	30.83	76.0 J
5 ----	7-OXABICYCLO[2.2.1]HEPTANE, 1-METHYL-4(1-METHYLETHYL)-	VOA	33.22	31.0 J
6 ----	UNKNOWN	VOA	36.93	29.0 J
7 ----	SUBSTITUTED METHYL, ETHYL BENZENE	VOA	38.24	5.7 J
8				
9 127184	ETHENE, TETRACHLORO	BNA	6.05	67.0 J
10 100414	BENZENE, ETHYL	BNA	7.63	22.0 J
11 ----	DIMETHYL BENZENE ISOMER	BNA	7.87	53.0 JB
12 ----	UNKNOWN CYCLIC COMPOUND	BNA	8.50	16.0 J
13 930687	2-CYCLOHEXEN-1-ONE	BNA	9.52	21.0 J
14 98828	BENZENE,(1-METHYLETHYL)	BNA	11.21	16.0 J
15 620144	BENZENE,1-ETHYL-3-METHYL	BNA	11.78	15.0 J
16 ----	BENZENE ISOMER, ETHYL-METHYL	BNA	11.90	13.0 J
17 ----	UNKNOWN	BNA	12.81	27.0 J
18 4695629	BICYCLO[2.2.1]HEPTAN-2-ONE,1,3,3-TRIMETHYL (1R)	BNA	13.46	69.0 J
19 21368683	BICYCLO[2.2.1]HEPTAN-2-ONE,1,7,7-TRIMETHYL-(.t-.)	BNA	14.72	370.0 J
20 ----	UNKNOWN	BNA	14.79	31.0 J
21 ----	UNKNOWN	BNA	17.55	14.0 J
22 134623	BENZEMIDE, N,N-DIETHYL-3-METHYL	BNA	22.51	27.0 J
23 ----	UNKNOWN	BNA	24.28	32.0 J
24 ----	UNKNOWN	BNA	24.52	21.0 J
25				
26				

INORGANIC ANALYSIS DATA SHEET
FORM I

0000007

SMPL NO.: OW-16.19 2/18

Lab Name : NANCO LABORATORIES, INC.

Customer Name: ENGINEERING SCIENCE

SOW NO. : N/A

Lab Receipt Date : 2/19/88

Lab Sample ID: 88-EW 5656

Date Reported:

Location ID: SYO 12.19/NASH RD.

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION : LOW ☒ MEDIUM ☐

MATRIX : WATER ☒ SOIL ☐ SLUDGE ☐ OTHER ☐

UG/L OR MG/KG DRY WEIGHT (CIRCLE ONE)

1. ALUMINUM	37300.0 PE	13. MAGNESIUM	165000.0 PE
2. ANTIMONY	150.0 P	14. MANGANESE	1600.0 PE
3. ARSENIC	11.4 F	15. MERCURY	0.8 C.V.
4. BARIUM	740.0 P	16. NICKEL	110.0 P
5. BERYLLIUM	[4.0] P	17. POTASSIUM	141000.0 P
6. CADMIUM	5.0 UP	18. SELENIUM	40.0 UFN (1:10)
7. CALCIUM	183000.0 P	19. SILVER	10.0 UP
8. CHROMIUM	90.0 P	20. SODIUM	361000.0 PE
9. COBALT	50.0 P	21. THALLIUM	4.0 UFN
10. COPPER	160.0 P	22. VANADIUM	66.0 P
11. IRON	131000.0 PE	23. ZINC	1800.0 PNE
12. LEAD	600.0 F	(1:100) PERCENT SOLIDS (%)	NA
CYANIDE	NR		
PHENOL	NR		

FOOTNOTES : FOR REPORTING RESULTS STANDARD RESULT QUALIFIERS ARE USED AS DEFINED ON PAGE 2.

COMMENTS : This sample was a grey/brown liquid that became light yellow after ICP and furnace digestion procedures. Se was analyzed at a 1:10 dilution and Pb was analyzed at a 1:100 dilution.

DeWitt R
LAB MANAGER

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-16

Lab Sample ID: 480-43118-1

Client Matrix: Water

Date Sampled: 08/02/2013 1315

Date Received: 08/02/2013 1605

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-132975	Instrument ID:	HP5973P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P0705.D
Dilution:	4.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/08/2013 1715			Final Weight/Volume:	5 mL
Prep Date:	08/08/2013 1715				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		3.3	4.0
1,1,2,2-Tetrachloroethane	ND		0.84	4.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.2	4.0
1,1,2-Trichloroethane	ND		0.92	4.0
1,1-Dichloroethane	ND		1.5	4.0
1,1-Dichloroethene	ND		1.2	4.0
1,2,4-Trichlorobenzene	ND		1.6	4.0
1,2-Dibromo-3-Chloropropane	ND		1.6	4.0
1,2-Dibromoethane	ND		2.9	4.0
1,2-Dichlorobenzene	ND		3.2	4.0
1,2-Dichloroethane	ND		0.84	4.0
1,2-Dichloropropane	ND		2.9	4.0
1,3-Dichlorobenzene	ND		3.1	4.0
1,4-Dichlorobenzene	ND		3.4	4.0
2-Butanone (MEK)	ND		5.3	40
2-Hexanone	ND		5.0	20
4-Methyl-2-pentanone (MIBK)	ND		8.4	20
Acetone	ND		12	40
Benzene	2.9	J	1.6	4.0
Bromodichloromethane	ND		1.6	4.0
Bromoform	ND		1.0	4.0
Bromomethane	ND		2.8	4.0
Carbon disulfide	ND		0.76	4.0
Carbon tetrachloride	ND		1.1	4.0
Chlorobenzene	15		3.0	4.0
Chloroethane	ND		1.3	4.0
Chloroform	ND		1.4	4.0
Chloromethane	ND		1.4	4.0
cis-1,2-Dichloroethene	ND		3.2	4.0
cis-1,3-Dichloropropene	ND		1.4	4.0
Cyclohexane	ND		0.72	4.0
Dibromochloromethane	ND		1.3	4.0
Dichlorodifluoromethane	ND		2.7	4.0
Ethylbenzene	ND		3.0	4.0
Isopropylbenzene	ND		3.2	4.0
Methyl acetate	ND		2.0	4.0
Methyl tert-butyl ether	ND		0.64	4.0
Methylcyclohexane	ND		0.64	4.0
Methylene Chloride	ND		1.8	4.0
Styrene	ND		2.9	4.0
Tetrachloroethene	ND		1.4	4.0
Toluene	ND		2.0	4.0
trans-1,2-Dichloroethene	ND		3.6	4.0
trans-1,3-Dichloropropene	ND		1.5	4.0
Trichloroethene	ND		1.8	4.0
Trichlorofluoromethane	ND		3.5	4.0

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-16

Lab Sample ID: 480-43118-1

Date Sampled: 08/02/2013 1315

Client Matrix: Water

Date Received: 08/02/2013 1605

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-132975	Instrument ID:	HP5973P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P0705.D
Dilution:	4.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/08/2013 1715			Final Weight/Volume:	5 mL
Prep Date:	08/08/2013 1715				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		3.6	4.0
Xylenes, Total	ND		2.6	8.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	126		66 - 137
4-Bromofluorobenzene (Surr)	105		73 - 120
Toluene-d8 (Surr)	99		71 - 126

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-16

Lab Sample ID: 480-43118-1

Client Matrix: Water

Date Sampled: 08/02/2013 1315

Date Received: 08/02/2013 1605

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	480-133115	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-132301	Lab File ID:	W002991.D
Dilution:	1.0			Initial Weight/Volume:	271.7 mL
Analysis Date:	08/09/2013 1317			Final Weight/Volume:	1 mL
Prep Date:	08/05/2013 0723			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Biphenyl	ND		0.60	4.6
bis (2-chloroisopropyl) ether	ND		0.48	4.6
2,4,5-Trichlorophenol	ND		0.44	4.6
2,4,6-Trichlorophenol	ND		0.56	4.6
2,4-Dichlorophenol	ND		0.47	4.6
2,4-Dimethylphenol	ND		0.46	4.6
2,4-Dinitrophenol	ND		2.0	9.2
2,4-Dinitrotoluene	ND		0.41	4.6
2,6-Dinitrotoluene	ND		0.37	4.6
2-Chloronaphthalene	ND		0.42	4.6
2-Chlorophenol	ND		0.49	4.6
2-Methylnaphthalene	ND		0.55	4.6
2-Methylphenol	ND		0.37	4.6
2-Nitroaniline	ND		0.39	9.2
2-Nitrophenol	ND		0.44	4.6
3,3'-Dichlorobenzidine	ND		0.37	4.6
3-Nitroaniline	ND	*	0.44	9.2
4,6-Dinitro-2-methylphenol	ND		2.0	9.2
4-Bromophenyl phenyl ether	ND		0.41	4.6
4-Chloro-3-methylphenol	ND		0.41	4.6
4-Chloroaniline	ND	*	0.54	4.6
4-Chlorophenyl phenyl ether	ND		0.32	4.6
4-Methylphenol	ND		0.33	9.2
4-Nitroaniline	ND		0.23	9.2
4-Nitrophenol	ND		1.4	9.2
Acenaphthene	ND		0.38	4.6
Acenaphthylene	ND		0.35	4.6
Acetophenone	1.5	J	0.50	4.6
Anthracene	ND		0.26	4.6
Atrazine	ND		0.42	4.6
Benzaldehyde	0.36	J B *	0.25	4.6
Benzo(a)anthracene	ND		0.33	4.6
Benzo(a)pyrene	ND		0.43	4.6
Benzo(b)fluoranthene	ND		0.31	4.6
Benzo(g,h,i)perylene	ND		0.32	4.6
Benzo(k)fluoranthene	ND		0.67	4.6
Bis(2-chloroethoxy)methane	ND		0.32	4.6
Bis(2-chloroethyl)ether	ND		0.37	4.6
Bis(2-ethylhexyl) phthalate	ND		1.7	4.6
Butyl benzyl phthalate	ND		0.39	4.6
Caprolactam	ND		2.0	4.6
Carbazole	ND		0.28	4.6
Chrysene	ND		0.30	4.6
Di-n-butyl phthalate	1.0	J B	0.29	4.6
Di-n-octyl phthalate	ND		0.43	4.6
Dibenz(a,h)anthracene	ND		0.39	4.6

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-16

Lab Sample ID: 480-43118-1

Client Matrix: Water

Date Sampled: 08/02/2013 1315

Date Received: 08/02/2013 1605

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	480-133115	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-132301	Lab File ID:	W002991.D
Dilution:	1.0			Initial Weight/Volume:	271.7 mL
Analysis Date:	08/09/2013 1317			Final Weight/Volume:	1 mL
Prep Date:	08/05/2013 0723			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dibenzofuran	ND		0.47	9.2
Diethyl phthalate	0.49	J	0.20	4.6
Dimethyl phthalate	ND		0.33	4.6
Fluoranthene	0.41	J B	0.37	4.6
Fluorene	ND		0.33	4.6
Hexachlorobenzene	ND		0.47	4.6
Hexachlorobutadiene	ND		0.63	4.6
Hexachlorocyclopentadiene	ND		0.54	4.6
Hexachloroethane	ND		0.54	4.6
Indeno(1,2,3-cd)pyrene	ND		0.43	4.6
Isophorone	0.43	J	0.40	4.6
N-Nitrosodi-n-propylamine	ND		0.50	4.6
N-Nitrosodiphenylamine	ND		0.47	4.6
Naphthalene	ND		0.70	4.6
Nitrobenzene	ND		0.27	4.6
Pentachlorophenol	ND		2.0	9.2
Phenanthrene	0.83	J B	0.40	4.6
Phenol	ND		0.36	4.6
Pyrene	ND		0.31	4.6

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	84		39 - 146
2-Fluorobiphenyl	80		37 - 120
2-Fluorophenol	57		18 - 120
Nitrobenzene-d5	87		34 - 132
p-Terphenyl-d14	58		58 - 147
Phenol-d5	39		11 - 120

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-16

Lab Sample ID: 480-43118-1

Client Matrix: Water

Date Sampled: 08/02/2013 1315

Date Received: 08/02/2013 1605

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	480-132512	Instrument ID:	HP6890-5
Prep Method:	3510C	Prep Batch:	480-132305	Initial Weight/Volume:	269.7 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	08/06/2013 1306			Injection Volume:	1 uL
Prep Date:	08/05/2013 0739			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	0.087		0.0085	0.046
4,4'-DDE	ND		0.011	0.046
4,4'-DDT	0.16		0.010	0.046
Aldrin	0.085		0.0061	0.046
alpha-BHC	ND		0.0061	0.046
alpha-Chlordane	0.10		0.014	0.046
beta-BHC	0.084		0.023	0.046
delta-BHC	0.096		0.0093	0.046
Dieldrin	0.089		0.0091	0.046
Endosulfan I	0.10		0.010	0.046
Endosulfan II	0.18		0.011	0.046
Endosulfan sulfate	0.050		0.015	0.046
Endrin	ND		0.013	0.046
Endrin aldehyde	0.13		0.015	0.046
Endrin ketone	ND		0.011	0.046
gamma-BHC (Lindane)	0.058		0.0056	0.046
gamma-Chlordane	0.011	J	0.010	0.046
Heptachlor	ND		0.0079	0.046
Heptachlor epoxide	ND		0.0049	0.046
Methoxychlor	0.027	J	0.013	0.046
Toxaphene	ND		0.11	0.46
Surrogate	%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl	38		20 - 120	
Tetrachloro-m-xylene	143	X	36 - 120	

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-16

Lab Sample ID: 480-43118-1

Date Sampled: 08/02/2013 1315

Client Matrix: Water

Date Received: 08/02/2013 1605

8151A Herbicidas (GC)

Analysis Method:	8151A	Analysis Batch:	480-132866	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-132602	Initial Weight/Volume:	936.4 mL
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	08/09/2013 0726			Injection Volume:	1 uL
Prep Date:	08/06/2013 1500			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,5-T	ND		0.16	0.53
Silvex (2,4,5-TP)	ND		0.38	0.53
2,4-D	ND		0.43	0.53

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	133		40 - 135

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-16

Lab Sample ID: 480-43118-1

Date Sampled: 08/02/2013 1315

Client Matrix: Water

Date Received: 08/02/2013 1605

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	480-132492	Instrument ID:	ICAP1
Prep Method:	3005A	Prep Batch:	480-132263	Lab File ID:	I1080513B-6.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	08/05/2013 2329			Final Weight/Volume:	50 mL
Prep Date:	08/05/2013 0730				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Arsenic	ND		0.0056	0.010
Barium	0.25		0.00070	0.0020
Cadmium	ND		0.00050	0.0010
Chromium	0.0035	J	0.0010	0.0040
Lead	0.017		0.0030	0.0050
Selenium	ND		0.0087	0.015
Silver	ND		0.0017	0.0030

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	480-132406	Instrument ID:	LEEMAN3
Prep Method:	7470A	Prep Batch:	480-132313	Lab File ID:	J08053W1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	08/05/2013 1313			Final Weight/Volume:	50 mL
Prep Date:	08/05/2013 0815				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	ND		0.00012	0.00020

Client Sample Results

Client: New York State D.E.C.
Project/Site: NYSDEC - Nash Rd. LF: Site# 932054

TestAmerica Job ID: 480-60169-1

Client Sample ID: OW-16

Lab Sample ID: 480-60169-4

Date Collected: 05/19/14 16:05

Matrix: Water

Date Received: 05/19/14 18:45

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			05/21/14 20:20	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			05/21/14 20:20	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			05/21/14 20:20	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			05/21/14 20:20	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			05/21/14 20:20	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			05/21/14 20:20	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			05/21/14 20:20	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			05/21/14 20:20	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			05/21/14 20:20	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			05/21/14 20:20	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			05/21/14 20:20	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			05/21/14 20:20	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			05/21/14 20:20	4
1,4-Dichlorobenzene	3.4	J	4.0	3.4	ug/L			05/21/14 20:20	4
2-Butanone (MEK)	ND		40	5.3	ug/L			05/21/14 20:20	4
2-Hexanone	ND		20	5.0	ug/L			05/21/14 20:20	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			05/21/14 20:20	4
Acetone	ND		40	12	ug/L			05/21/14 20:20	4
Benzene	3.2	J	4.0	1.6	ug/L			05/21/14 20:20	4
Bromodichloromethane	ND	*	4.0	1.6	ug/L			05/21/14 20:20	4
Bromoform	ND		4.0	1.0	ug/L			05/21/14 20:20	4
Bromomethane	ND		4.0	2.8	ug/L			05/21/14 20:20	4
Carbon disulfide	ND		4.0	0.76	ug/L			05/21/14 20:20	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			05/21/14 20:20	4
Chlorobenzene	16		4.0	3.0	ug/L			05/21/14 20:20	4
Chloroethane	ND		4.0	1.3	ug/L			05/21/14 20:20	4
Chloroform	ND		4.0	1.4	ug/L			05/21/14 20:20	4
Chloromethane	ND		4.0	1.4	ug/L			05/21/14 20:20	4
cis-1,2-Dichloroethene	ND		4.0	3.2	ug/L			05/21/14 20:20	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			05/21/14 20:20	4
Cyclohexane	ND		4.0	0.72	ug/L			05/21/14 20:20	4
Dibromochloromethane	ND		4.0	1.3	ug/L			05/21/14 20:20	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			05/21/14 20:20	4
Ethylbenzene	ND		4.0	3.0	ug/L			05/21/14 20:20	4
Isopropylbenzene	ND		4.0	3.2	ug/L			05/21/14 20:20	4
Methyl acetate	ND		10	2.0	ug/L			05/21/14 20:20	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			05/21/14 20:20	4
Methylcyclohexane	ND		4.0	0.64	ug/L			05/21/14 20:20	4
Methylene Chloride	ND		4.0	1.8	ug/L			05/21/14 20:20	4
Styrene	ND		4.0	2.9	ug/L			05/21/14 20:20	4
Tetrachloroethene	ND		4.0	1.4	ug/L			05/21/14 20:20	4
Toluene	ND		4.0	2.0	ug/L			05/21/14 20:20	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			05/21/14 20:20	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			05/21/14 20:20	4
Trichloroethene	ND		4.0	1.8	ug/L			05/21/14 20:20	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			05/21/14 20:20	4
Vinyl chloride	ND		4.0	3.6	ug/L			05/21/14 20:20	4
Xylenes, Total	ND		8.0	2.6	ug/L			05/21/14 20:20	4

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: NYSDEC - Nash Rd. LF: Site# 932054

TestAmerica Job ID: 480-60169-1

Client Sample ID: OW-16

Lab Sample ID: 480-60169-4

Date Collected: 05/19/14 16:05

Matrix: Water

Date Received: 05/19/14 18:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	116		66 - 137		05/21/14 20:20	4
4-Bromofluorobenzene (Surr)	94		73 - 120		05/21/14 20:20	4
Toluene-d8 (Surr)	97		71 - 126		05/21/14 20:20	4

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.66	ug/L		05/21/14 11:27	05/31/14 04:47	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		05/21/14 11:27	05/31/14 04:47	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		05/21/14 11:27	05/31/14 04:47	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		05/21/14 11:27	05/31/14 04:47	1
2,4-Dichlorophenol	ND	*	5.0	0.51	ug/L		05/21/14 11:27	05/31/14 04:47	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		05/21/14 11:27	05/31/14 04:47	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		05/21/14 11:27	05/31/14 04:47	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		05/21/14 11:27	05/31/14 04:47	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		05/21/14 11:27	05/31/14 04:47	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		05/21/14 11:27	05/31/14 04:47	1
2-Chlorophenol	ND		5.0	0.53	ug/L		05/21/14 11:27	05/31/14 04:47	1
2-Methylnaphthalene	0.92	J	5.0	0.60	ug/L		05/21/14 11:27	05/31/14 04:47	1
2-Methylphenol	ND		5.0	0.40	ug/L		05/21/14 11:27	05/31/14 04:47	1
2-Nitroaniline	ND		10	0.42	ug/L		05/21/14 11:27	05/31/14 04:47	1
2-Nitrophenol	ND		5.0	0.48	ug/L		05/21/14 11:27	05/31/14 04:47	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		05/21/14 11:27	05/31/14 04:47	1
3-Nitroaniline	ND	*	10	0.48	ug/L		05/21/14 11:27	05/31/14 04:47	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		05/21/14 11:27	05/31/14 04:47	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		05/21/14 11:27	05/31/14 04:47	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		05/21/14 11:27	05/31/14 04:47	1
4-Chloroaniline	ND		5.0	0.59	ug/L		05/21/14 11:27	05/31/14 04:47	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		05/21/14 11:27	05/31/14 04:47	1
4-Methylphenol	2.1	J * B	10	0.36	ug/L		05/21/14 11:27	05/31/14 04:47	1
4-Nitroaniline	ND		10	0.25	ug/L		05/21/14 11:27	05/31/14 04:47	1
4-Nitrophenol	ND		10	1.5	ug/L		05/21/14 11:27	05/31/14 04:47	1
Acenaphthene	ND		5.0	0.41	ug/L		05/21/14 11:27	05/31/14 04:47	1
Acenaphthylene	ND		5.0	0.38	ug/L		05/21/14 11:27	05/31/14 04:47	1
Acetophenone	1.5	J	5.0	0.54	ug/L		05/21/14 11:27	05/31/14 04:47	1
Anthracene	ND		5.0	0.28	ug/L		05/21/14 11:27	05/31/14 04:47	1
Atrazine	ND		5.0	0.46	ug/L		05/21/14 11:27	05/31/14 04:47	1
Benzaldehyde	0.45	J B	5.0	0.27	ug/L		05/21/14 11:27	05/31/14 04:47	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		05/21/14 11:27	05/31/14 04:47	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		05/21/14 11:27	05/31/14 04:47	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		05/21/14 11:27	05/31/14 04:47	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		05/21/14 11:27	05/31/14 04:47	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		05/21/14 11:27	05/31/14 04:47	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		05/21/14 11:27	05/31/14 04:47	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		05/21/14 11:27	05/31/14 04:47	1
Bis(2-ethylhexyl) phthalate	3.6	J	5.0	1.8	ug/L		05/21/14 11:27	05/31/14 04:47	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		05/21/14 11:27	05/31/14 04:47	1
Caprolactam	ND		5.0	2.2	ug/L		05/21/14 11:27	05/31/14 04:47	1
Carbazole	ND		5.0	0.30	ug/L		05/21/14 11:27	05/31/14 04:47	1
Chrysene	ND		5.0	0.33	ug/L		05/21/14 11:27	05/31/14 04:47	1
Di-n-butyl phthalate	0.48	J B	5.0	0.31	ug/L		05/21/14 11:27	05/31/14 04:47	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: NYSDEC - Nash Rd. LF: Site# 932054

TestAmerica Job ID: 480-60169-1

Client Sample ID: OW-16

Lab Sample ID: 480-60169-4

Date Collected: 05/19/14 16:05

Matrix: Water

Date Received: 05/19/14 18:45

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		05/21/14 11:27	05/31/14 04:47	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		05/21/14 11:27	05/31/14 04:47	1
Dibenzofuran	ND		10	0.51	ug/L		05/21/14 11:27	05/31/14 04:47	1
Diethyl phthalate	0.70	J B	5.0	0.22	ug/L		05/21/14 11:27	05/31/14 04:47	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		05/21/14 11:27	05/31/14 04:47	1
Fluoranthene	ND		5.0	0.40	ug/L		05/21/14 11:27	05/31/14 04:47	1
Fluorene	ND		5.0	0.36	ug/L		05/21/14 11:27	05/31/14 04:47	1
Hexachlorobenzene	ND	*	5.0	0.51	ug/L		05/21/14 11:27	05/31/14 04:47	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		05/21/14 11:27	05/31/14 04:47	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		05/21/14 11:27	05/31/14 04:47	1
Hexachloroethane	ND		5.0	0.59	ug/L		05/21/14 11:27	05/31/14 04:47	1
Indeno(1,2,3-cd)pyrene	ND	*	5.0	0.47	ug/L		05/21/14 11:27	05/31/14 04:47	1
Isophorone	ND		5.0	0.43	ug/L		05/21/14 11:27	05/31/14 04:47	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		05/21/14 11:27	05/31/14 04:47	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		05/21/14 11:27	05/31/14 04:47	1
Naphthalene	0.82	J	5.0	0.76	ug/L		05/21/14 11:27	05/31/14 04:47	1
Nitrobenzene	ND		5.0	0.29	ug/L		05/21/14 11:27	05/31/14 04:47	1
Pentachlorophenol	ND		10	2.2	ug/L		05/21/14 11:27	05/31/14 04:47	1
Phenanthrene	0.45	J	5.0	0.44	ug/L		05/21/14 11:27	05/31/14 04:47	1
Phenol	ND		5.0	0.39	ug/L		05/21/14 11:27	05/31/14 04:47	1
Pyrene	ND		5.0	0.34	ug/L		05/21/14 11:27	05/31/14 04:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	84		52 - 132	05/21/14 11:27	05/31/14 04:47	1
2-Fluorobiphenyl	68		48 - 120	05/21/14 11:27	05/31/14 04:47	1
2-Fluorophenol	37		20 - 120	05/21/14 11:27	05/31/14 04:47	1
Nitrobenzene-d5	60		46 - 120	05/21/14 11:27	05/31/14 04:47	1
p-Terphenyl-d14	85		67 - 150	05/21/14 11:27	05/31/14 04:47	1
Phenol-d5	37		16 - 120	05/21/14 11:27	05/31/14 04:47	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.24	0.045	ug/L		05/21/14 06:23	05/23/14 16:20	5
4,4'-DDE	ND		0.24	0.057	ug/L		05/21/14 06:23	05/23/14 16:20	5
4,4'-DDT	ND		0.24	0.054	ug/L		05/21/14 06:23	05/23/14 16:20	5
Aldrin	ND		0.24	0.040	ug/L		05/21/14 06:23	05/23/14 16:20	5
alpha-BHC	ND		0.24	0.038	ug/L		05/21/14 06:23	05/23/14 16:20	5
alpha-Chlordane	ND		0.24	0.072	ug/L		05/21/14 06:23	05/23/14 16:20	5
beta-BHC	ND		0.24	0.12	ug/L		05/21/14 06:23	05/23/14 16:20	5
delta-BHC	ND		0.24	0.049	ug/L		05/21/14 06:23	05/23/14 16:20	5
Dieldrin	ND		0.24	0.048	ug/L		05/21/14 06:23	05/23/14 16:20	5
Endosulfan I	ND		0.24	0.054	ug/L		05/21/14 06:23	05/23/14 16:20	5
Endosulfan II	ND		0.24	0.059	ug/L		05/21/14 06:23	05/23/14 16:20	5
Endosulfan sulfate	ND		0.24	0.077	ug/L		05/21/14 06:23	05/23/14 16:20	5
Endrin	ND		0.24	0.068	ug/L		05/21/14 06:23	05/23/14 16:20	5
Endrin aldehyde	ND		0.24	0.080	ug/L		05/21/14 06:23	05/23/14 16:20	5
Endrin ketone	ND		0.24	0.059	ug/L		05/21/14 06:23	05/23/14 16:20	5
gamma-BHC (Lindane)	ND		0.24	0.039	ug/L		05/21/14 06:23	05/23/14 16:20	5
gamma-Chlordane	ND		0.24	0.054	ug/L		05/21/14 06:23	05/23/14 16:20	5
Heptachlor	ND		0.24	0.042	ug/L		05/21/14 06:23	05/23/14 16:20	5

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: NYSDEC - Nash Rd. LF: Site# 932054

TestAmerica Job ID: 480-60169-1

Client Sample ID: OW-16

Lab Sample ID: 480-60169-4

Date Collected: 05/19/14 16:05

Matrix: Water

Date Received: 05/19/14 18:45

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		0.24	0.036	ug/L		05/21/14 06:23	05/23/14 16:20	5
Methoxychlor	ND		0.24	0.069	ug/L		05/21/14 06:23	05/23/14 16:20	5
Toxaphene	ND		2.4	0.59	ug/L		05/21/14 06:23	05/23/14 16:20	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	21		20 - 120				05/21/14 06:23	05/23/14 16:20	5
DCB Decachlorobiphenyl	32		20 - 120				05/21/14 06:23	05/23/14 16:20	5
Tetrachloro-m-xylene	93		36 - 120				05/21/14 06:23	05/23/14 16:20	5
Tetrachloro-m-xylene	82		36 - 120				05/21/14 06:23	05/23/14 16:20	5

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		0.50	0.15	ug/L		05/22/14 06:55	05/29/14 11:19	1
Silvex (2,4,5-TP)	ND		0.50	0.36	ug/L		05/22/14 06:55	05/29/14 11:19	1
2,4-D	ND		0.50	0.40	ug/L		05/22/14 06:55	05/29/14 11:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	101		40 - 135				05/22/14 06:55	05/29/14 11:19	1
2,4-Dichlorophenylacetic acid	107		40 - 135				05/22/14 06:55	05/29/14 11:19	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/21/14 09:15	05/21/14 22:22	1
Barium	0.22	^	0.0020	0.00070	mg/L		05/21/14 09:15	05/21/14 22:22	1
Cadmium	ND		0.0020	0.00050	mg/L		05/21/14 09:15	05/21/14 22:22	1
Chromium	0.0013	J	0.0040	0.0010	mg/L		05/21/14 09:15	05/21/14 22:22	1
Lead	0.0059	J	0.010	0.0030	mg/L		05/21/14 09:15	05/21/14 22:22	1
Selenium	ND		0.025	0.0087	mg/L		05/21/14 09:15	05/21/14 22:22	1
Silver	ND		0.0060	0.0017	mg/L		05/21/14 09:15	05/21/14 22:22	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/21/14 09:40	05/21/14 16:12	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123420-1

Client Sample ID: NS-OW16-GW

Lab Sample ID: 480-123420-1

Date Collected: 08/30/17 09:25

Matrix: Water

Date Received: 08/30/17 17:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			09/05/17 23:45	4
1,1,2,2-Tetrachloroethane	ND	*	4.0	0.84	ug/L			09/05/17 23:45	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			09/05/17 23:45	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			09/05/17 23:45	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			09/05/17 23:45	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			09/05/17 23:45	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			09/05/17 23:45	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			09/05/17 23:45	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			09/05/17 23:45	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			09/05/17 23:45	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			09/05/17 23:45	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			09/05/17 23:45	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			09/05/17 23:45	4
1,4-Dichlorobenzene	4.4		4.0	3.4	ug/L			09/05/17 23:45	4
2-Butanone (MEK)	ND		40	5.3	ug/L			09/05/17 23:45	4
2-Hexanone	ND		20	5.0	ug/L			09/05/17 23:45	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			09/05/17 23:45	4
Acetone	ND		40	12	ug/L			09/05/17 23:45	4
Benzene	3.5	J	4.0	1.6	ug/L			09/05/17 23:45	4
Bromodichloromethane	ND		4.0	1.6	ug/L			09/05/17 23:45	4
Bromoform	ND		4.0	1.0	ug/L			09/05/17 23:45	4
Bromomethane	ND		4.0	2.8	ug/L			09/05/17 23:45	4
Carbon disulfide	ND		4.0	0.76	ug/L			09/05/17 23:45	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			09/05/17 23:45	4
Chlorobenzene	18		4.0	3.0	ug/L			09/05/17 23:45	4
Chloroethane	ND		4.0	1.3	ug/L			09/05/17 23:45	4
Chloroform	ND		4.0	1.4	ug/L			09/05/17 23:45	4
Chloromethane	ND		4.0	1.4	ug/L			09/05/17 23:45	4
cis-1,2-Dichloroethene	ND		4.0	3.2	ug/L			09/05/17 23:45	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			09/05/17 23:45	4
Cyclohexane	ND		4.0	0.72	ug/L			09/05/17 23:45	4
Dibromochloromethane	ND		4.0	1.3	ug/L			09/05/17 23:45	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			09/05/17 23:45	4
Ethylbenzene	ND		4.0	3.0	ug/L			09/05/17 23:45	4
Isopropylbenzene	ND		4.0	3.2	ug/L			09/05/17 23:45	4
Methyl acetate	ND		10	5.2	ug/L			09/05/17 23:45	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			09/05/17 23:45	4
Methylcyclohexane	ND		4.0	0.64	ug/L			09/05/17 23:45	4
Methylene Chloride	ND		4.0	1.8	ug/L			09/05/17 23:45	4
Styrene	ND		4.0	2.9	ug/L			09/05/17 23:45	4
Tetrachloroethene	ND		4.0	1.4	ug/L			09/05/17 23:45	4
Toluene	ND		4.0	2.0	ug/L			09/05/17 23:45	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			09/05/17 23:45	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			09/05/17 23:45	4
Trichloroethene	ND		4.0	1.8	ug/L			09/05/17 23:45	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			09/05/17 23:45	4
Vinyl chloride	ND		4.0	3.6	ug/L			09/05/17 23:45	4
Xylenes, Total	ND		8.0	2.6	ug/L			09/05/17 23:45	4

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123420-1

Client Sample ID: NS-OW16-GW

Lab Sample ID: 480-123420-1

Date Collected: 08/30/17 09:25

Matrix: Water

Date Received: 08/30/17 17:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		09/05/17 23:45	4
4-Bromofluorobenzene (Surr)	101		73 - 120		09/05/17 23:45	4
Toluene-d8 (Surr)	102		80 - 120		09/05/17 23:45	4

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		25	3.3	ug/L		09/01/17 07:13	09/05/17 16:39	5
bis (2-chloroisopropyl) ether	ND		25	2.6	ug/L		09/01/17 07:13	09/05/17 16:39	5
2,4,5-Trichlorophenol	ND		25	2.4	ug/L		09/01/17 07:13	09/05/17 16:39	5
2,4,6-Trichlorophenol	ND		25	3.1	ug/L		09/01/17 07:13	09/05/17 16:39	5
2,4-Dichlorophenol	ND		25	2.6	ug/L		09/01/17 07:13	09/05/17 16:39	5
2,4-Dimethylphenol	ND		25	2.5	ug/L		09/01/17 07:13	09/05/17 16:39	5
2,4-Dinitrophenol	ND		50	11	ug/L		09/01/17 07:13	09/05/17 16:39	5
2,4-Dinitrotoluene	ND		25	2.2	ug/L		09/01/17 07:13	09/05/17 16:39	5
2,6-Dinitrotoluene	ND		25	2.0	ug/L		09/01/17 07:13	09/05/17 16:39	5
2-Chloronaphthalene	ND		25	2.3	ug/L		09/01/17 07:13	09/05/17 16:39	5
2-Chlorophenol	ND		25	2.7	ug/L		09/01/17 07:13	09/05/17 16:39	5
2-Methylnaphthalene	ND		25	3.0	ug/L		09/01/17 07:13	09/05/17 16:39	5
2-Methylphenol	ND		25	2.0	ug/L		09/01/17 07:13	09/05/17 16:39	5
2-Nitroaniline	ND		50	2.1	ug/L		09/01/17 07:13	09/05/17 16:39	5
2-Nitrophenol	ND		25	2.4	ug/L		09/01/17 07:13	09/05/17 16:39	5
3,3'-Dichlorobenzidine	ND	*	25	2.0	ug/L		09/01/17 07:13	09/05/17 16:39	5
3-Nitroaniline	ND		50	2.4	ug/L		09/01/17 07:13	09/05/17 16:39	5
4,6-Dinitro-2-methylphenol	ND	*	50	11	ug/L		09/01/17 07:13	09/05/17 16:39	5
4-Bromophenyl phenyl ether	ND		25	2.3	ug/L		09/01/17 07:13	09/05/17 16:39	5
4-Chloro-3-methylphenol	ND		25	2.3	ug/L		09/01/17 07:13	09/05/17 16:39	5
4-Chloroaniline	ND		25	3.0	ug/L		09/01/17 07:13	09/05/17 16:39	5
4-Chlorophenyl phenyl ether	ND		25	1.8	ug/L		09/01/17 07:13	09/05/17 16:39	5
4-Methylphenol	ND		50	1.8	ug/L		09/01/17 07:13	09/05/17 16:39	5
4-Nitroaniline	ND		50	1.3	ug/L		09/01/17 07:13	09/05/17 16:39	5
4-Nitrophenol	ND		50	7.6	ug/L		09/01/17 07:13	09/05/17 16:39	5
Acenaphthene	ND		25	2.1	ug/L		09/01/17 07:13	09/05/17 16:39	5
Acenaphthylene	ND		25	1.9	ug/L		09/01/17 07:13	09/05/17 16:39	5
Acetophenone	ND		25	2.7	ug/L		09/01/17 07:13	09/05/17 16:39	5
Anthracene	ND		25	1.4	ug/L		09/01/17 07:13	09/05/17 16:39	5
Atrazine	ND		25	2.3	ug/L		09/01/17 07:13	09/05/17 16:39	5
Benzaldehyde	ND		25	1.3	ug/L		09/01/17 07:13	09/05/17 16:39	5
Benzo(a)anthracene	ND		25	1.8	ug/L		09/01/17 07:13	09/05/17 16:39	5
Benzo(a)pyrene	ND		25	2.4	ug/L		09/01/17 07:13	09/05/17 16:39	5
Benzo(b)fluoranthene	ND		25	1.7	ug/L		09/01/17 07:13	09/05/17 16:39	5
Benzo(g,h,i)perylene	ND		25	1.8	ug/L		09/01/17 07:13	09/05/17 16:39	5
Benzo(k)fluoranthene	ND		25	3.7	ug/L		09/01/17 07:13	09/05/17 16:39	5
Bis(2-chloroethoxy)methane	ND		25	1.8	ug/L		09/01/17 07:13	09/05/17 16:39	5
Bis(2-chloroethyl)ether	ND		25	2.0	ug/L		09/01/17 07:13	09/05/17 16:39	5
Bis(2-ethylhexyl) phthalate	ND		25	11	ug/L		09/01/17 07:13	09/05/17 16:39	5
Butyl benzyl phthalate	ND		25	5.0	ug/L		09/01/17 07:13	09/05/17 16:39	5
Caprolactam	ND		25	11	ug/L		09/01/17 07:13	09/05/17 16:39	5
Carbazole	ND		25	1.5	ug/L		09/01/17 07:13	09/05/17 16:39	5
Chrysene	ND		25	1.7	ug/L		09/01/17 07:13	09/05/17 16:39	5
Di-n-butyl phthalate	ND		25	1.6	ug/L		09/01/17 07:13	09/05/17 16:39	5

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123420-1

Client Sample ID: NS-OW16-GW

Lab Sample ID: 480-123420-1

Date Collected: 08/30/17 09:25

Matrix: Water

Date Received: 08/30/17 17:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		25	2.4	ug/L		09/01/17 07:13	09/05/17 16:39	5
Dibenz(a,h)anthracene	ND		25	2.1	ug/L		09/01/17 07:13	09/05/17 16:39	5
Dibenzofuran	ND		50	2.6	ug/L		09/01/17 07:13	09/05/17 16:39	5
Diethyl phthalate	ND		25	1.1	ug/L		09/01/17 07:13	09/05/17 16:39	5
Dimethyl phthalate	ND		25	1.8	ug/L		09/01/17 07:13	09/05/17 16:39	5
Fluoranthene	ND		25	2.0	ug/L		09/01/17 07:13	09/05/17 16:39	5
Fluorene	ND		25	1.8	ug/L		09/01/17 07:13	09/05/17 16:39	5
Hexachlorobenzene	ND		25	2.6	ug/L		09/01/17 07:13	09/05/17 16:39	5
Hexachlorobutadiene	ND		25	3.4	ug/L		09/01/17 07:13	09/05/17 16:39	5
Hexachlorocyclopentadiene	ND		25	3.0	ug/L		09/01/17 07:13	09/05/17 16:39	5
Hexachloroethane	ND		25	3.0	ug/L		09/01/17 07:13	09/05/17 16:39	5
Indeno(1,2,3-cd)pyrene	ND		25	2.4	ug/L		09/01/17 07:13	09/05/17 16:39	5
Isophorone	ND		25	2.2	ug/L		09/01/17 07:13	09/05/17 16:39	5
N-Nitrosodi-n-propylamine	ND		25	2.7	ug/L		09/01/17 07:13	09/05/17 16:39	5
N-Nitrosodiphenylamine	ND		25	2.6	ug/L		09/01/17 07:13	09/05/17 16:39	5
Naphthalene	ND		25	3.8	ug/L		09/01/17 07:13	09/05/17 16:39	5
Nitrobenzene	ND		25	1.5	ug/L		09/01/17 07:13	09/05/17 16:39	5
Pentachlorophenol	ND		50	11	ug/L		09/01/17 07:13	09/05/17 16:39	5
Phenanthrene	ND		25	2.2	ug/L		09/01/17 07:13	09/05/17 16:39	5
Phenol	ND		25	2.0	ug/L		09/01/17 07:13	09/05/17 16:39	5
Pyrene	ND		25	1.7	ug/L		09/01/17 07:13	09/05/17 16:39	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	107		41 - 120	09/01/17 07:13	09/05/17 16:39	5
2-Fluorobiphenyl	100		48 - 120	09/01/17 07:13	09/05/17 16:39	5
2-Fluorophenol	68		35 - 120	09/01/17 07:13	09/05/17 16:39	5
Nitrobenzene-d5	102		46 - 120	09/01/17 07:13	09/05/17 16:39	5
p-Terphenyl-d14	60		59 - 136	09/01/17 07:13	09/05/17 16:39	5
Phenol-d5	53		22 - 120	09/01/17 07:13	09/05/17 16:39	5

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		08/31/17 14:54	09/01/17 12:54	1
4,4'-DDE	ND		0.050	0.012	ug/L		08/31/17 14:54	09/01/17 12:54	1
4,4'-DDT	ND		0.050	0.011	ug/L		08/31/17 14:54	09/01/17 12:54	1
Aldrin	ND		0.050	0.0081	ug/L		08/31/17 14:54	09/01/17 12:54	1
alpha-BHC	0.011	J	0.050	0.0077	ug/L		08/31/17 14:54	09/01/17 12:54	1
alpha-Chlordane	ND		0.050	0.015	ug/L		08/31/17 14:54	09/01/17 12:54	1
beta-BHC	ND		0.050	0.025	ug/L		08/31/17 14:54	09/01/17 12:54	1
delta-BHC	ND		0.050	0.010	ug/L		08/31/17 14:54	09/01/17 12:54	1
Dieldrin	ND		0.050	0.0098	ug/L		08/31/17 14:54	09/01/17 12:54	1
Endosulfan I	ND		0.050	0.011	ug/L		08/31/17 14:54	09/01/17 12:54	1
Endosulfan II	ND		0.050	0.012	ug/L		08/31/17 14:54	09/01/17 12:54	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		08/31/17 14:54	09/01/17 12:54	1
Endrin	ND		0.050	0.014	ug/L		08/31/17 14:54	09/01/17 12:54	1
Endrin aldehyde	ND		0.050	0.016	ug/L		08/31/17 14:54	09/01/17 12:54	1
Endrin ketone	ND		0.050	0.012	ug/L		08/31/17 14:54	09/01/17 12:54	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		08/31/17 14:54	09/01/17 12:54	1
gamma-Chlordane	ND		0.050	0.011	ug/L		08/31/17 14:54	09/01/17 12:54	1
Heptachlor	ND		0.050	0.0085	ug/L		08/31/17 14:54	09/01/17 12:54	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123420-1

Client Sample ID: NS-OW16-GW

Lab Sample ID: 480-123420-1

Date Collected: 08/30/17 09:25

Matrix: Water

Date Received: 08/30/17 17:00

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		0.050	0.0074	ug/L		08/31/17 14:54	09/01/17 12:54	1
Methoxychlor	ND		0.050	0.014	ug/L		08/31/17 14:54	09/01/17 12:54	1
Toxaphene	ND		0.50	0.12	ug/L		08/31/17 14:54	09/01/17 12:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	39		20 - 120				08/31/17 14:54	09/01/17 12:54	1
DCB Decachlorobiphenyl	34		20 - 120				08/31/17 14:54	09/01/17 12:54	1
Tetrachloro-m-xylene	74		44 - 120				08/31/17 14:54	09/01/17 12:54	1
Tetrachloro-m-xylene	96		44 - 120				08/31/17 14:54	09/01/17 12:54	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		08/31/17 14:38	09/05/17 19:56	1
PCB-1221	ND		0.50	0.18	ug/L		08/31/17 14:38	09/05/17 19:56	1
PCB-1232	ND		0.50	0.18	ug/L		08/31/17 14:38	09/05/17 19:56	1
PCB-1242	ND		0.50	0.18	ug/L		08/31/17 14:38	09/05/17 19:56	1
PCB-1248	ND		0.50	0.18	ug/L		08/31/17 14:38	09/05/17 19:56	1
PCB-1254	ND		0.50	0.25	ug/L		08/31/17 14:38	09/05/17 19:56	1
PCB-1260	ND		0.50	0.25	ug/L		08/31/17 14:38	09/05/17 19:56	1
PCB-1262	ND		0.50	0.25	ug/L		08/31/17 14:38	09/05/17 19:56	1
PCB-1268	ND		0.50	0.25	ug/L		08/31/17 14:38	09/05/17 19:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	107		39 - 121				08/31/17 14:38	09/05/17 19:56	1
Tetrachloro-m-xylene	76		39 - 121				08/31/17 14:38	09/05/17 19:56	1
DCB Decachlorobiphenyl	22		19 - 120				08/31/17 14:38	09/05/17 19:56	1
DCB Decachlorobiphenyl	38		19 - 120				08/31/17 14:38	09/05/17 19:56	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/31/17 08:45	09/02/17 01:23	1
Antimony	ND		0.020	0.0068	mg/L		08/31/17 08:45	09/02/17 01:23	1
Arsenic	ND		0.015	0.0056	mg/L		08/31/17 08:45	09/02/17 01:23	1
Barium	0.23		0.0020	0.00070	mg/L		08/31/17 08:45	09/02/17 01:23	1
Beryllium	ND		0.0020	0.00030	mg/L		08/31/17 08:45	09/02/17 01:23	1
Cadmium	ND		0.0020	0.00050	mg/L		08/31/17 08:45	09/02/17 01:23	1
Calcium	168	B	0.50	0.10	mg/L		08/31/17 08:45	09/02/17 01:23	1
Chromium	0.0015	J	0.0040	0.0010	mg/L		08/31/17 08:45	09/02/17 01:23	1
Cobalt	0.0030	J	0.0040	0.00063	mg/L		08/31/17 08:45	09/02/17 01:23	1
Copper	0.0019	J	0.010	0.0016	mg/L		08/31/17 08:45	09/02/17 01:23	1
Iron	14.8		0.050	0.019	mg/L		08/31/17 08:45	09/02/17 01:23	1
Lead	0.0087	J	0.010	0.0030	mg/L		08/31/17 08:45	09/02/17 01:23	1
Magnesium	85.9		0.20	0.043	mg/L		08/31/17 08:45	09/02/17 01:23	1
Manganese	0.18	B	0.0030	0.00040	mg/L		08/31/17 08:45	09/02/17 01:23	1
Nickel	0.0026	J	0.010	0.0013	mg/L		08/31/17 08:45	09/02/17 01:23	1
Potassium	42.0		0.50	0.10	mg/L		08/31/17 08:45	09/02/17 01:23	1
Selenium	ND		0.025	0.0087	mg/L		08/31/17 08:45	09/02/17 01:23	1
Silver	ND		0.0060	0.0017	mg/L		08/31/17 08:45	09/02/17 01:23	1
Sodium	81.9		1.0	0.32	mg/L		08/31/17 08:45	09/02/17 01:23	1
Thallium	ND		0.020	0.010	mg/L		08/31/17 08:45	09/02/17 01:23	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123420-1

Client Sample ID: NS-OW16-GW

Lab Sample ID: 480-123420-1

Date Collected: 08/30/17 09:25

Matrix: Water

Date Received: 08/30/17 17:00

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	ND		0.0050	0.0015	mg/L		08/31/17 08:45	09/02/17 01:23	1
Zinc	0.0092	J	0.010	0.0015	mg/L		08/31/17 08:45	09/06/17 18:46	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		09/05/17 09:22	09/06/17 10:41	1
Antimony	ND		0.020	0.0068	mg/L		09/05/17 09:22	09/06/17 10:41	1
Arsenic	ND		0.015	0.0056	mg/L		09/05/17 09:22	09/06/17 10:41	1
Barium	0.16		0.0020	0.00070	mg/L		09/05/17 09:22	09/06/17 10:41	1
Beryllium	ND		0.0020	0.00030	mg/L		09/05/17 09:22	09/06/17 10:41	1
Cadmium	0.00051	J	0.0020	0.00050	mg/L		09/05/17 09:22	09/06/17 10:41	1
Calcium	176		0.50	0.10	mg/L		09/05/17 09:22	09/06/17 10:41	1
Chromium	ND		0.0040	0.0010	mg/L		09/05/17 09:22	09/06/17 10:41	1
Cobalt	0.0025	J	0.0040	0.00063	mg/L		09/05/17 09:22	09/06/17 10:41	1
Copper	ND		0.010	0.0016	mg/L		09/05/17 09:22	09/06/17 10:41	1
Iron	0.15		0.050	0.019	mg/L		09/05/17 09:22	09/06/17 10:41	1
Lead	ND		0.010	0.0030	mg/L		09/05/17 09:22	09/06/17 10:41	1
Magnesium	85.0		0.20	0.043	mg/L		09/05/17 09:22	09/06/17 10:41	1
Manganese	0.17		0.0030	0.00040	mg/L		09/05/17 09:22	09/06/17 10:41	1
Nickel	0.0030	J	0.010	0.0013	mg/L		09/05/17 09:22	09/06/17 10:41	1
Potassium	38.8		0.50	0.10	mg/L		09/05/17 09:22	09/06/17 10:41	1
Selenium	ND		0.025	0.0087	mg/L		09/05/17 09:22	09/06/17 10:41	1
Silver	ND		0.0060	0.0017	mg/L		09/05/17 09:22	09/06/17 10:41	1
Sodium	78.2		1.0	0.32	mg/L		09/05/17 09:22	09/06/17 10:41	1
Thallium	ND		0.020	0.010	mg/L		09/05/17 09:22	09/06/17 10:41	1
Vanadium	ND		0.0050	0.0015	mg/L		09/05/17 09:22	09/06/17 10:41	1
Zinc	0.0034	J B	0.010	0.0015	mg/L		09/05/17 09:22	09/06/17 10:41	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/31/17 11:10	08/31/17 14:42	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/05/17 13:10	09/05/17 17:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	77.7		5.0	2.8	mg/L			09/05/17 16:14	10
Sulfate	ND		20.0	3.5	mg/L			09/05/17 16:14	10
Alkalinity, Total	1230		5.0	0.79	mg/L			09/01/17 15:22	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161562-1

Client Sample ID: OW-16

Lab Sample ID: 480-161562-6

Date Collected: 10/24/19 13:15

Matrix: Water

Date Received: 10/24/19 17:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			11/04/19 14:06	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			11/04/19 14:06	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			11/04/19 14:06	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			11/04/19 14:06	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			11/04/19 14:06	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			11/04/19 14:06	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			11/04/19 14:06	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			11/04/19 14:06	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			11/04/19 14:06	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			11/04/19 14:06	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			11/04/19 14:06	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			11/04/19 14:06	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			11/04/19 14:06	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			11/04/19 14:06	4
2-Butanone (MEK)	ND		40	5.3	ug/L			11/04/19 14:06	4
2-Hexanone	ND		20	5.0	ug/L			11/04/19 14:06	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			11/04/19 14:06	4
Acetone	ND		40	12	ug/L			11/04/19 14:06	4
Benzene	ND		4.0	1.6	ug/L			11/04/19 14:06	4
Bromodichloromethane	ND		4.0	1.6	ug/L			11/04/19 14:06	4
Bromoform	ND		4.0	1.0	ug/L			11/04/19 14:06	4
Bromomethane	ND		4.0	2.8	ug/L			11/04/19 14:06	4
Carbon disulfide	ND		4.0	0.76	ug/L			11/04/19 14:06	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			11/04/19 14:06	4
Chlorobenzene	3.8 J		4.0	3.0	ug/L			11/04/19 14:06	4
Chloroethane	ND		4.0	1.3	ug/L			11/04/19 14:06	4
Chloroform	ND		4.0	1.4	ug/L			11/04/19 14:06	4
Chloromethane	ND		4.0	1.4	ug/L			11/04/19 14:06	4
cis-1,2-Dichloroethene	ND		4.0	3.2	ug/L			11/04/19 14:06	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			11/04/19 14:06	4
Cyclohexane	ND		4.0	0.72	ug/L			11/04/19 14:06	4
Dibromochloromethane	ND		4.0	1.3	ug/L			11/04/19 14:06	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			11/04/19 14:06	4
Ethylbenzene	ND		4.0	3.0	ug/L			11/04/19 14:06	4
Isopropylbenzene	ND		4.0	3.2	ug/L			11/04/19 14:06	4
Methyl acetate	ND		10	5.2	ug/L			11/04/19 14:06	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			11/04/19 14:06	4
Methylcyclohexane	ND		4.0	0.64	ug/L			11/04/19 14:06	4
Methylene Chloride	ND		4.0	1.8	ug/L			11/04/19 14:06	4
Styrene	ND		4.0	2.9	ug/L			11/04/19 14:06	4
Tetrachloroethene	ND		4.0	1.4	ug/L			11/04/19 14:06	4
Toluene	ND		4.0	2.0	ug/L			11/04/19 14:06	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			11/04/19 14:06	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			11/04/19 14:06	4
Trichloroethene	ND		4.0	1.8	ug/L			11/04/19 14:06	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			11/04/19 14:06	4
Vinyl chloride	ND		4.0	3.6	ug/L			11/04/19 14:06	4
Xylenes, Total	ND		8.0	2.6	ug/L			11/04/19 14:06	4
t-Butyl alcohol	ND		40	13	ug/L			11/04/19 14:06	4

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161562-1

Client Sample ID: OW-16

Lab Sample ID: 480-161562-6

Date Collected: 10/24/19 13:15

Matrix: Water

Date Received: 10/24/19 17:25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		11/04/19 14:06	4
4-Bromofluorobenzene (Surr)	95		73 - 120		11/04/19 14:06	4
Dibromofluoromethane (Surr)	104		75 - 123		11/04/19 14:06	4
Toluene-d8 (Surr)	92		80 - 120		11/04/19 14:06	4

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		10/28/19 15:00	10/29/19 23:28	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		10/28/19 15:00	10/29/19 23:28	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		10/28/19 15:00	10/29/19 23:28	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		10/28/19 15:00	10/29/19 23:28	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		10/28/19 15:00	10/29/19 23:28	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		10/28/19 15:00	10/29/19 23:28	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		10/28/19 15:00	10/29/19 23:28	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		10/28/19 15:00	10/29/19 23:28	1
2-Chlorophenol	ND		5.0	0.53	ug/L		10/28/19 15:00	10/29/19 23:28	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		10/28/19 15:00	10/29/19 23:28	1
2-Methylphenol	ND		5.0	0.40	ug/L		10/28/19 15:00	10/29/19 23:28	1
2-Nitroaniline	ND		10	0.42	ug/L		10/28/19 15:00	10/29/19 23:28	1
2-Nitrophenol	ND		5.0	0.48	ug/L		10/28/19 15:00	10/29/19 23:28	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		10/28/19 15:00	10/29/19 23:28	1
3-Nitroaniline	ND		10	0.48	ug/L		10/28/19 15:00	10/29/19 23:28	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		10/28/19 15:00	10/29/19 23:28	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		10/28/19 15:00	10/29/19 23:28	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		10/28/19 15:00	10/29/19 23:28	1
4-Chloroaniline	ND		5.0	0.59	ug/L		10/28/19 15:00	10/29/19 23:28	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		10/28/19 15:00	10/29/19 23:28	1
4-Methylphenol	ND		10	0.36	ug/L		10/28/19 15:00	10/29/19 23:28	1
4-Nitroaniline	ND		10	0.25	ug/L		10/28/19 15:00	10/29/19 23:28	1
4-Nitrophenol	ND		10	1.5	ug/L		10/28/19 15:00	10/29/19 23:28	1
Acenaphthene	ND		5.0	0.41	ug/L		10/28/19 15:00	10/29/19 23:28	1
Acenaphthylene	ND		5.0	0.38	ug/L		10/28/19 15:00	10/29/19 23:28	1
Acetophenone	0.63	J	5.0	0.54	ug/L		10/28/19 15:00	10/29/19 23:28	1
Anthracene	ND		5.0	0.28	ug/L		10/28/19 15:00	10/29/19 23:28	1
Atrazine	ND	*	5.0	0.46	ug/L		10/28/19 15:00	10/29/19 23:28	1
Benzaldehyde	ND		5.0	0.27	ug/L		10/28/19 15:00	10/29/19 23:28	1
Benzo(a)anthracene	ND	*	5.0	0.36	ug/L		10/28/19 15:00	10/29/19 23:28	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		10/28/19 15:00	10/29/19 23:28	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		10/28/19 15:00	10/29/19 23:28	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		10/28/19 15:00	10/29/19 23:28	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		10/28/19 15:00	10/29/19 23:28	1
Benzoic acid	ND		150	100	ug/L		10/28/19 15:00	10/29/19 23:28	1
Biphenyl	ND		5.0	0.65	ug/L		10/28/19 15:00	10/29/19 23:28	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		10/28/19 15:00	10/29/19 23:28	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		10/28/19 15:00	10/29/19 23:28	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		10/28/19 15:00	10/29/19 23:28	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		10/28/19 15:00	10/29/19 23:28	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		10/28/19 15:00	10/29/19 23:28	1
Caprolactam	ND		5.0	2.2	ug/L		10/28/19 15:00	10/29/19 23:28	1
Carbazole	ND		5.0	0.30	ug/L		10/28/19 15:00	10/29/19 23:28	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161562-1

Client Sample ID: OW-16

Lab Sample ID: 480-161562-6

Date Collected: 10/24/19 13:15

Matrix: Water

Date Received: 10/24/19 17:25

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		10/28/19 15:00	10/29/19 23:28	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		10/28/19 15:00	10/29/19 23:28	1
Dibenzofuran	ND		10	0.51	ug/L		10/28/19 15:00	10/29/19 23:28	1
Diethyl phthalate	ND		5.0	0.22	ug/L		10/28/19 15:00	10/29/19 23:28	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		10/28/19 15:00	10/29/19 23:28	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		10/28/19 15:00	10/29/19 23:28	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		10/28/19 15:00	10/29/19 23:28	1
Fluoranthene	ND		5.0	0.40	ug/L		10/28/19 15:00	10/29/19 23:28	1
Fluorene	ND		5.0	0.36	ug/L		10/28/19 15:00	10/29/19 23:28	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		10/28/19 15:00	10/29/19 23:28	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		10/28/19 15:00	10/29/19 23:28	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		10/28/19 15:00	10/29/19 23:28	1
Hexachloroethane	ND		5.0	0.59	ug/L		10/28/19 15:00	10/29/19 23:28	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		10/28/19 15:00	10/29/19 23:28	1
Isophorone	ND		5.0	0.43	ug/L		10/28/19 15:00	10/29/19 23:28	1
Naphthalene	ND		5.0	0.76	ug/L		10/28/19 15:00	10/29/19 23:28	1
Nitrobenzene	ND		5.0	0.29	ug/L		10/28/19 15:00	10/29/19 23:28	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		10/28/19 15:00	10/29/19 23:28	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		10/28/19 15:00	10/29/19 23:28	1
Pentachlorophenol	ND		10	2.2	ug/L		10/28/19 15:00	10/29/19 23:28	1
Phenanthrene	ND		5.0	0.44	ug/L		10/28/19 15:00	10/29/19 23:28	1
Phenol	ND		5.0	0.39	ug/L		10/28/19 15:00	10/29/19 23:28	1
Pyrene	ND *		5.0	0.34	ug/L		10/28/19 15:00	10/29/19 23:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	120		41 - 120	10/28/19 15:00	10/29/19 23:28	1
2-Fluorobiphenyl	104		48 - 120	10/28/19 15:00	10/29/19 23:28	1
2-Fluorophenol	66		35 - 120	10/28/19 15:00	10/29/19 23:28	1
Nitrobenzene-d5	86		46 - 120	10/28/19 15:00	10/29/19 23:28	1
Phenol-d5	51		22 - 120	10/28/19 15:00	10/29/19 23:28	1
p-Terphenyl-d14	81		60 - 148	10/28/19 15:00	10/29/19 23:28	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.25	0.046	ug/L		10/29/19 15:41	10/30/19 17:00	1
4,4'-DDE	ND		0.25	0.058	ug/L		10/29/19 15:41	10/30/19 17:00	1
4,4'-DDT	ND		0.25	0.055	ug/L		10/29/19 15:41	10/30/19 17:00	1
Aldrin	ND		0.25	0.041	ug/L		10/29/19 15:41	10/30/19 17:00	1
alpha-BHC	ND		0.25	0.039	ug/L		10/29/19 15:41	10/30/19 17:00	1
cis-Chlordane	ND		0.25	0.074	ug/L		10/29/19 15:41	10/30/19 17:00	1
beta-BHC	ND		0.25	0.12	ug/L		10/29/19 15:41	10/30/19 17:00	1
delta-BHC	ND		0.25	0.050	ug/L		10/29/19 15:41	10/30/19 17:00	1
Dieldrin	ND		0.25	0.049	ug/L		10/29/19 15:41	10/30/19 17:00	1
Endosulfan I	ND		0.25	0.055	ug/L		10/29/19 15:41	10/30/19 17:00	1
Endosulfan II	ND		0.25	0.060	ug/L		10/29/19 15:41	10/30/19 17:00	1
Endosulfan sulfate	ND		0.25	0.079	ug/L		10/29/19 15:41	10/30/19 17:00	1
Endrin	ND		0.25	0.069	ug/L		10/29/19 15:41	10/30/19 17:00	1
Endrin aldehyde	ND		0.25	0.082	ug/L		10/29/19 15:41	10/30/19 17:00	1
Endrin ketone	ND		0.25	0.060	ug/L		10/29/19 15:41	10/30/19 17:00	1
gamma-BHC (Lindane)	ND		0.25	0.040	ug/L		10/29/19 15:41	10/30/19 17:00	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161562-1

Client Sample ID: OW-16

Lab Sample ID: 480-161562-6

Date Collected: 10/24/19 13:15

Matrix: Water

Date Received: 10/24/19 17:25

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-Chlordane	ND		0.25	0.055	ug/L		10/29/19 15:41	10/30/19 17:00	1
Heptachlor	ND		0.25	0.043	ug/L		10/29/19 15:41	10/30/19 17:00	1
Heptachlor epoxide	ND		0.25	0.037	ug/L		10/29/19 15:41	10/30/19 17:00	1
Methoxychlor	ND		0.25	0.071	ug/L		10/29/19 15:41	10/30/19 17:00	1
Toxaphene	ND		2.5	0.60	ug/L		10/29/19 15:41	10/30/19 17:00	1
Mirex	ND		0.25	0.048	ug/L		10/29/19 15:41	10/30/19 17:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	61		20 - 120	10/29/19 15:41	10/30/19 17:00	1
DCB Decachlorobiphenyl	55		20 - 120	10/29/19 15:41	10/30/19 17:00	1
Tetrachloro-m-xylene	87		44 - 120	10/29/19 15:41	10/30/19 17:00	1
Tetrachloro-m-xylene	73		44 - 120	10/29/19 15:41	10/30/19 17:00	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		10/31/19 15:20	11/03/19 18:13	1
PCB-1221	ND		0.50	0.18	ug/L		10/31/19 15:20	11/03/19 18:13	1
PCB-1232	ND		0.50	0.18	ug/L		10/31/19 15:20	11/03/19 18:13	1
PCB-1242	ND		0.50	0.18	ug/L		10/31/19 15:20	11/03/19 18:13	1
PCB-1248	ND		0.50	0.18	ug/L		10/31/19 15:20	11/03/19 18:13	1
PCB-1254	ND		0.50	0.25	ug/L		10/31/19 15:20	11/03/19 18:13	1
PCB-1260	ND		0.50	0.25	ug/L		10/31/19 15:20	11/03/19 18:13	1
PCB-1262	ND		0.50	0.25	ug/L		10/31/19 15:20	11/03/19 18:13	1
PCB-1268	ND		0.50	0.25	ug/L		10/31/19 15:20	11/03/19 18:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	55		39 - 121	10/31/19 15:20	11/03/19 18:13	1
Tetrachloro-m-xylene	50		39 - 121	10/31/19 15:20	11/03/19 18:13	1
DCB Decachlorobiphenyl	28		19 - 120	10/31/19 15:20	11/03/19 18:13	1
DCB Decachlorobiphenyl	39		19 - 120	10/31/19 15:20	11/03/19 18:13	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161695-1

Client Sample ID: OW-16

Lab Sample ID: 480-161695-1

Date Collected: 10/25/19 11:00

Matrix: Water

Date Received: 10/25/19 13:33

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		10/30/19 08:47	10/30/19 22:01	1
Antimony	ND		0.020	0.0068	mg/L		10/30/19 08:47	10/30/19 22:01	1
Arsenic	ND		0.015	0.0056	mg/L		10/30/19 08:47	10/30/19 22:01	1
Barium	1.2		0.0020	0.00070	mg/L		10/30/19 08:47	10/30/19 22:01	1
Beryllium	ND		0.0020	0.00030	mg/L		10/30/19 08:47	10/30/19 22:01	1
Cadmium	0.00065	J	0.0020	0.00050	mg/L		10/30/19 08:47	10/30/19 22:01	1
Calcium	163		0.50	0.10	mg/L		10/30/19 08:47	10/30/19 22:01	1
Chromium	0.0027	J	0.0040	0.0010	mg/L		10/30/19 08:47	10/30/19 22:01	1
Cobalt	0.0019	J	0.0040	0.00063	mg/L		10/30/19 08:47	10/30/19 22:01	1
Copper	0.0029	J	0.010	0.0016	mg/L		10/30/19 08:47	10/30/19 22:01	1
Iron	9.7		0.050	0.019	mg/L		10/30/19 08:47	10/30/19 22:01	1
Lead	ND		0.010	0.0030	mg/L		10/30/19 08:47	10/30/19 22:01	1
Magnesium	94.6		0.20	0.043	mg/L		10/30/19 08:47	10/30/19 22:01	1
Manganese	0.22		0.0030	0.00040	mg/L		10/30/19 08:47	10/30/19 22:01	1
Nickel	0.0030	J	0.010	0.0013	mg/L		10/30/19 08:47	10/30/19 22:01	1
Potassium	42.8		0.50	0.10	mg/L		10/30/19 08:47	10/30/19 22:01	1
Selenium	ND		0.025	0.0087	mg/L		10/30/19 08:47	10/30/19 22:01	1
Silver	ND		0.0060	0.0017	mg/L		10/30/19 08:47	10/30/19 22:01	1
Sodium	100		1.0	0.32	mg/L		10/30/19 08:47	10/30/19 22:01	1
Thallium	ND		0.020	0.010	mg/L		10/30/19 08:47	10/30/19 22:01	1
Vanadium	0.0022	J	0.0050	0.0015	mg/L		10/30/19 08:47	10/30/19 22:01	1
Zinc	0.0035	J B	0.010	0.0015	mg/L		10/30/19 08:47	10/30/19 22:01	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/07/19 11:15	11/07/19 15:57	1

Well OW-21

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-21

Lab Sample ID: 480-43118-7

Date Sampled: 08/02/2013 1440

Client Matrix: Water

Date Received: 08/02/2013 1605

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-132975	Instrument ID:	HP5973P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P0711.D
Dilution:	4.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/08/2013 1956			Final Weight/Volume:	5 mL
Prep Date:	08/08/2013 1956				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		3.3	4.0
1,1,2,2-Tetrachloroethane	ND		0.84	4.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.2	4.0
1,1,2-Trichloroethane	ND		0.92	4.0
1,1-Dichloroethane	ND		1.5	4.0
1,1-Dichloroethene	ND		1.2	4.0
1,2,4-Trichlorobenzene	ND		1.6	4.0
1,2-Dibromo-3-Chloropropane	ND		1.6	4.0
1,2-Dibromoethane	ND		2.9	4.0
1,2-Dichlorobenzene	ND		3.2	4.0
1,2-Dichloroethane	ND		0.84	4.0
1,2-Dichloropropane	ND		2.9	4.0
1,3-Dichlorobenzene	ND		3.1	4.0
1,4-Dichlorobenzene	ND		3.4	4.0
2-Butanone (MEK)	ND		5.3	40
2-Hexanone	ND		5.0	20
4-Methyl-2-pentanone (MIBK)	ND		8.4	20
Acetone	ND		12	40
Benzene	ND		1.6	4.0
Bromodichloromethane	ND		1.6	4.0
Bromoform	ND		1.0	4.0
Bromomethane	ND		2.8	4.0
Carbon disulfide	ND		0.76	4.0
Carbon tetrachloride	ND		1.1	4.0
Chlorobenzene	ND		3.0	4.0
Chloroethane	ND		1.3	4.0
Chloroform	ND		1.4	4.0
Chloromethane	ND		1.4	4.0
cis-1,2-Dichloroethene	ND		3.2	4.0
cis-1,3-Dichloropropene	ND		1.4	4.0
Cyclohexane	ND		0.72	4.0
Dibromochloromethane	ND		1.3	4.0
Dichlorodifluoromethane	ND		2.7	4.0
Ethylbenzene	ND		3.0	4.0
Isopropylbenzene	ND		3.2	4.0
Methyl acetate	ND		2.0	4.0
Methyl tert-butyl ether	ND		0.64	4.0
Methylcyclohexane	ND		0.64	4.0
Methylene Chloride	ND		1.8	4.0
Styrene	ND		2.9	4.0
Tetrachloroethene	ND		1.4	4.0
Toluene	ND		2.0	4.0
trans-1,2-Dichloroethene	ND		3.6	4.0
trans-1,3-Dichloropropene	ND		1.5	4.0
Trichloroethene	ND		1.8	4.0
Trichlorofluoromethane	ND		3.5	4.0

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-21

Lab Sample ID: 480-43118-7

Date Sampled: 08/02/2013 1440

Client Matrix: Water

Date Received: 08/02/2013 1605

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-132975	Instrument ID:	HP5973P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P0711.D
Dilution:	4.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/08/2013 1956			Final Weight/Volume:	5 mL
Prep Date:	08/08/2013 1956				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		3.6	4.0
Xylenes, Total	ND		2.6	8.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	123		66 - 137
4-Bromofluorobenzene (Surr)	102		73 - 120
Toluene-d8 (Surr)	99		71 - 126

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-21

Lab Sample ID: 480-43118-7

Client Matrix: Water

Date Sampled: 08/02/2013 1440

Date Received: 08/02/2013 1605

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	480-133115	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-132301	Lab File ID:	W002996.D
Dilution:	1.0			Initial Weight/Volume:	272.6 mL
Analysis Date:	08/09/2013 1536			Final Weight/Volume:	1 mL
Prep Date:	08/05/2013 0723			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Biphenyl	ND		0.60	4.6
bis (2-chloroisopropyl) ether	ND		0.48	4.6
2,4,5-Trichlorophenol	ND		0.44	4.6
2,4,6-Trichlorophenol	ND		0.56	4.6
2,4-Dichlorophenol	ND		0.47	4.6
2,4-Dimethylphenol	ND		0.46	4.6
2,4-Dinitrophenol	ND		2.0	9.2
2,4-Dinitrotoluene	ND		0.41	4.6
2,6-Dinitrotoluene	ND		0.37	4.6
2-Chloronaphthalene	ND		0.42	4.6
2-Chlorophenol	ND		0.49	4.6
2-Methylnaphthalene	ND		0.55	4.6
2-Methylphenol	ND		0.37	4.6
2-Nitroaniline	ND		0.39	9.2
2-Nitrophenol	ND		0.44	4.6
3,3'-Dichlorobenzidine	ND		0.37	4.6
3-Nitroaniline	ND	*	0.44	9.2
4,6-Dinitro-2-methylphenol	ND		2.0	9.2
4-Bromophenyl phenyl ether	ND		0.41	4.6
4-Chloro-3-methylphenol	ND		0.41	4.6
4-Chloroaniline	ND	*	0.54	4.6
4-Chlorophenyl phenyl ether	ND		0.32	4.6
4-Methylphenol	ND		0.33	9.2
4-Nitroaniline	ND		0.23	9.2
4-Nitrophenol	ND		1.4	9.2
Acenaphthene	ND		0.38	4.6
Acenaphthylene	ND		0.35	4.6
Acetophenone	ND		0.50	4.6
Anthracene	ND		0.26	4.6
Atrazine	ND		0.42	4.6
Benzaldehyde	ND	*	0.24	4.6
Benzo(a)anthracene	ND		0.33	4.6
Benzo(a)pyrene	ND		0.43	4.6
Benzo(b)fluoranthene	ND		0.31	4.6
Benzo(g,h,i)perylene	ND		0.32	4.6
Benzo(k)fluoranthene	ND		0.67	4.6
Bis(2-chloroethoxy)methane	ND		0.32	4.6
Bis(2-chloroethyl)ether	ND		0.37	4.6
Bis(2-ethylhexyl) phthalate	2.8	J	1.7	4.6
Butyl benzyl phthalate	ND		0.39	4.6
Caprolactam	ND		2.0	4.6
Carbazole	ND		0.28	4.6
Chrysene	ND		0.30	4.6
Di-n-butyl phthalate	0.59	J B	0.28	4.6
Di-n-octyl phthalate	ND		0.43	4.6
Dibenz(a,h)anthracene	ND		0.39	4.6

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-21

Lab Sample ID: 480-43118-7

Client Matrix: Water

Date Sampled: 08/02/2013 1440

Date Received: 08/02/2013 1605

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	480-133115	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-132301	Lab File ID:	W002996.D
Dilution:	1.0			Initial Weight/Volume:	272.6 mL
Analysis Date:	08/09/2013 1536			Final Weight/Volume:	1 mL
Prep Date:	08/05/2013 0723			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dibenzofuran	ND		0.47	9.2
Diethyl phthalate	ND		0.20	4.6
Dimethyl phthalate	ND		0.33	4.6
Fluoranthene	ND		0.37	4.6
Fluorene	ND		0.33	4.6
Hexachlorobenzene	ND		0.47	4.6
Hexachlorobutadiene	ND		0.62	4.6
Hexachlorocyclopentadiene	ND		0.54	4.6
Hexachloroethane	ND		0.54	4.6
Indeno(1,2,3-cd)pyrene	ND		0.43	4.6
Isophorone	ND		0.39	4.6
N-Nitrosodi-n-propylamine	ND		0.50	4.6
N-Nitrosodiphenylamine	ND		0.47	4.6
Naphthalene	ND		0.70	4.6
Nitrobenzene	ND		0.27	4.6
Pentachlorophenol	ND		2.0	9.2
Phenanthrene	0.91	J B	0.40	4.6
Phenol	2.5	J	0.36	4.6
Pyrene	ND		0.31	4.6

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	87		39 - 146
2-Fluorobiphenyl	86		37 - 120
2-Fluorophenol	57		18 - 120
Nitrobenzene-d5	91		34 - 132
p-Terphenyl-d14	59		58 - 147
Phenol-d5	39		11 - 120

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-21

Lab Sample ID: 480-43118-7

Client Matrix: Water

Date Sampled: 08/02/2013 1440

Date Received: 08/02/2013 1605

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	480-132512	Instrument ID:	HP6890-5
Prep Method:	3510C	Prep Batch:	480-132305	Initial Weight/Volume:	255.7 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	08/06/2013 1526			Injection Volume:	1 uL
Prep Date:	08/05/2013 0739			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	ND		0.0090	0.049
4,4'-DDE	ND		0.011	0.049
4,4'-DDT	ND		0.011	0.049
Aldrin	ND		0.0065	0.049
alpha-BHC	0.026	J	0.0065	0.049
alpha-Chlordane	ND		0.014	0.049
beta-BHC	ND		0.024	0.049
delta-BHC	ND		0.0098	0.049
Dieldrin	ND		0.0096	0.049
Endosulfan I	ND		0.011	0.049
Endosulfan II	ND		0.012	0.049
Endosulfan sulfate	ND		0.015	0.049
Endrin	ND		0.013	0.049
Endrin aldehyde	ND		0.016	0.049
Endrin ketone	ND		0.012	0.049
gamma-BHC (Lindane)	ND		0.0059	0.049
gamma-Chlordane	ND		0.011	0.049
Heptachlor	ND		0.0083	0.049
Heptachlor epoxide	ND		0.0052	0.049
Methoxychlor	ND		0.014	0.049
Toxaphene	ND		0.12	0.49
Surrogate	%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl	55		20 - 120	
Tetrachloro-m-xylene	84		36 - 120	

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-21

Lab Sample ID: 480-43118-7

Date Sampled: 08/02/2013 1440

Client Matrix: Water

Date Received: 08/02/2013 1605

8151A Herbicidas (GC)

Analysis Method:	8151A	Analysis Batch:	480-132866	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-132602	Initial Weight/Volume:	1052.4 mL
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	08/09/2013 0925			Injection Volume:	1 uL
Prep Date:	08/06/2013 1500			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,5-T	ND		0.14	0.48
Silvex (2,4,5-TP)	ND		0.34	0.48
2,4-D	ND		0.38	0.48

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	102		40 - 135

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-21

Lab Sample ID: 480-43118-7

Date Sampled: 08/02/2013 1440

Client Matrix: Water

Date Received: 08/02/2013 1605

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	480-132492	Instrument ID:	ICAP1
Prep Method:	3005A	Prep Batch:	480-132263	Lab File ID:	I1080513B-6.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	08/06/2013 0001			Final Weight/Volume:	50 mL
Prep Date:	08/05/2013 0730				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Arsenic	0.011		0.0056	0.010
Barium	0.15		0.00070	0.0020
Cadmium	0.00073	J	0.00050	0.0010
Chromium	0.023		0.0010	0.0040
Lead	0.0051		0.0030	0.0050
Selenium	ND		0.0087	0.015
Silver	ND		0.0017	0.0030

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	480-132406	Instrument ID:	LEEMAN3
Prep Method:	7470A	Prep Batch:	480-132313	Lab File ID:	J08053W1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	08/05/2013 1333			Final Weight/Volume:	50 mL
Prep Date:	08/05/2013 0815				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	ND		0.00012	0.00020

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123304-1

Client Sample ID: NS-OW21-GW

Lab Sample ID: 480-123304-3

Date Collected: 08/28/17 11:40

Matrix: Water

Date Received: 08/28/17 15:43

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			08/30/17 16:26	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			08/30/17 16:26	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			08/30/17 16:26	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			08/30/17 16:26	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			08/30/17 16:26	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			08/30/17 16:26	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			08/30/17 16:26	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			08/30/17 16:26	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			08/30/17 16:26	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			08/30/17 16:26	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			08/30/17 16:26	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			08/30/17 16:26	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			08/30/17 16:26	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			08/30/17 16:26	4
2-Butanone (MEK)	ND		40	5.3	ug/L			08/30/17 16:26	4
2-Hexanone	ND		20	5.0	ug/L			08/30/17 16:26	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			08/30/17 16:26	4
Acetone	ND		40	12	ug/L			08/30/17 16:26	4
Benzene	ND		4.0	1.6	ug/L			08/30/17 16:26	4
Bromodichloromethane	ND		4.0	1.6	ug/L			08/30/17 16:26	4
Bromoform	ND		4.0	1.0	ug/L			08/30/17 16:26	4
Bromomethane	ND		4.0	2.8	ug/L			08/30/17 16:26	4
Carbon disulfide	ND		4.0	0.76	ug/L			08/30/17 16:26	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			08/30/17 16:26	4
Chlorobenzene	ND		4.0	3.0	ug/L			08/30/17 16:26	4
Chloroethane	ND		4.0	1.3	ug/L			08/30/17 16:26	4
Chloroform	ND		4.0	1.4	ug/L			08/30/17 16:26	4
Chloromethane	ND		4.0	1.4	ug/L			08/30/17 16:26	4
cis-1,2-Dichloroethene	ND		4.0	3.2	ug/L			08/30/17 16:26	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			08/30/17 16:26	4
Cyclohexane	ND		4.0	0.72	ug/L			08/30/17 16:26	4
Dibromochloromethane	ND		4.0	1.3	ug/L			08/30/17 16:26	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			08/30/17 16:26	4
Ethylbenzene	ND		4.0	3.0	ug/L			08/30/17 16:26	4
Isopropylbenzene	ND		4.0	3.2	ug/L			08/30/17 16:26	4
Methyl acetate	ND		10	5.2	ug/L			08/30/17 16:26	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			08/30/17 16:26	4
Methylcyclohexane	ND		4.0	0.64	ug/L			08/30/17 16:26	4
Methylene Chloride	ND		4.0	1.8	ug/L			08/30/17 16:26	4
Styrene	ND		4.0	2.9	ug/L			08/30/17 16:26	4
Tetrachloroethene	ND		4.0	1.4	ug/L			08/30/17 16:26	4
Toluene	ND		4.0	2.0	ug/L			08/30/17 16:26	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			08/30/17 16:26	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			08/30/17 16:26	4
Trichloroethene	ND		4.0	1.8	ug/L			08/30/17 16:26	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			08/30/17 16:26	4
Vinyl chloride	ND		4.0	3.6	ug/L			08/30/17 16:26	4
Xylenes, Total	ND		8.0	2.6	ug/L			08/30/17 16:26	4

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123304-1

Client Sample ID: NS-OW21-GW

Lab Sample ID: 480-123304-3

Date Collected: 08/28/17 11:40

Matrix: Water

Date Received: 08/28/17 15:43

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		08/30/17 16:26	4
4-Bromofluorobenzene (Surr)	96		73 - 120		08/30/17 16:26	4
Toluene-d8 (Surr)	97		80 - 120		08/30/17 16:26	4

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		08/29/17 14:19	08/30/17 16:02	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		08/29/17 14:19	08/30/17 16:02	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		08/29/17 14:19	08/30/17 16:02	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		08/29/17 14:19	08/30/17 16:02	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		08/29/17 14:19	08/30/17 16:02	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		08/29/17 14:19	08/30/17 16:02	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		08/29/17 14:19	08/30/17 16:02	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		08/29/17 14:19	08/30/17 16:02	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		08/29/17 14:19	08/30/17 16:02	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		08/29/17 14:19	08/30/17 16:02	1
2-Chlorophenol	ND		5.0	0.53	ug/L		08/29/17 14:19	08/30/17 16:02	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/29/17 14:19	08/30/17 16:02	1
2-Methylphenol	1.4	J	5.0	0.40	ug/L		08/29/17 14:19	08/30/17 16:02	1
2-Nitroaniline	ND		10	0.42	ug/L		08/29/17 14:19	08/30/17 16:02	1
2-Nitrophenol	ND		5.0	0.48	ug/L		08/29/17 14:19	08/30/17 16:02	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		08/29/17 14:19	08/30/17 16:02	1
3-Nitroaniline	ND		10	0.48	ug/L		08/29/17 14:19	08/30/17 16:02	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		08/29/17 14:19	08/30/17 16:02	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		08/29/17 14:19	08/30/17 16:02	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		08/29/17 14:19	08/30/17 16:02	1
4-Chloroaniline	ND		5.0	0.59	ug/L		08/29/17 14:19	08/30/17 16:02	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		08/29/17 14:19	08/30/17 16:02	1
4-Methylphenol	16		10	0.36	ug/L		08/29/17 14:19	08/30/17 16:02	1
4-Nitroaniline	ND		10	0.25	ug/L		08/29/17 14:19	08/30/17 16:02	1
4-Nitrophenol	ND		10	1.5	ug/L		08/29/17 14:19	08/30/17 16:02	1
Acenaphthene	ND		5.0	0.41	ug/L		08/29/17 14:19	08/30/17 16:02	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/29/17 14:19	08/30/17 16:02	1
Acetophenone	ND		5.0	0.54	ug/L		08/29/17 14:19	08/30/17 16:02	1
Anthracene	ND		5.0	0.28	ug/L		08/29/17 14:19	08/30/17 16:02	1
Atrazine	ND		5.0	0.46	ug/L		08/29/17 14:19	08/30/17 16:02	1
Benzaldehyde	ND		5.0	0.27	ug/L		08/29/17 14:19	08/30/17 16:02	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		08/29/17 14:19	08/30/17 16:02	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		08/29/17 14:19	08/30/17 16:02	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		08/29/17 14:19	08/30/17 16:02	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		08/29/17 14:19	08/30/17 16:02	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		08/29/17 14:19	08/30/17 16:02	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		08/29/17 14:19	08/30/17 16:02	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		08/29/17 14:19	08/30/17 16:02	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		08/29/17 14:19	08/30/17 16:02	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		08/29/17 14:19	08/30/17 16:02	1
Caprolactam	ND		5.0	2.2	ug/L		08/29/17 14:19	08/30/17 16:02	1
Carbazole	ND		5.0	0.30	ug/L		08/29/17 14:19	08/30/17 16:02	1
Chrysene	ND		5.0	0.33	ug/L		08/29/17 14:19	08/30/17 16:02	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		08/29/17 14:19	08/30/17 16:02	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123304-1

Client Sample ID: NS-OW21-GW

Lab Sample ID: 480-123304-3

Date Collected: 08/28/17 11:40

Matrix: Water

Date Received: 08/28/17 15:43

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		08/29/17 14:19	08/30/17 16:02	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/29/17 14:19	08/30/17 16:02	1
Dibenzofuran	ND		10	0.51	ug/L		08/29/17 14:19	08/30/17 16:02	1
Diethyl phthalate	ND		5.0	0.22	ug/L		08/29/17 14:19	08/30/17 16:02	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		08/29/17 14:19	08/30/17 16:02	1
Fluoranthene	ND		5.0	0.40	ug/L		08/29/17 14:19	08/30/17 16:02	1
Fluorene	ND		5.0	0.36	ug/L		08/29/17 14:19	08/30/17 16:02	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		08/29/17 14:19	08/30/17 16:02	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		08/29/17 14:19	08/30/17 16:02	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		08/29/17 14:19	08/30/17 16:02	1
Hexachloroethane	ND		5.0	0.59	ug/L		08/29/17 14:19	08/30/17 16:02	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		08/29/17 14:19	08/30/17 16:02	1
Isophorone	ND		5.0	0.43	ug/L		08/29/17 14:19	08/30/17 16:02	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		08/29/17 14:19	08/30/17 16:02	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		08/29/17 14:19	08/30/17 16:02	1
Naphthalene	ND		5.0	0.76	ug/L		08/29/17 14:19	08/30/17 16:02	1
Nitrobenzene	ND		5.0	0.29	ug/L		08/29/17 14:19	08/30/17 16:02	1
Pentachlorophenol	ND		10	2.2	ug/L		08/29/17 14:19	08/30/17 16:02	1
Phenanthrene	ND		5.0	0.44	ug/L		08/29/17 14:19	08/30/17 16:02	1
Phenol	1.0	J	5.0	0.39	ug/L		08/29/17 14:19	08/30/17 16:02	1
Pyrene	ND		5.0	0.34	ug/L		08/29/17 14:19	08/30/17 16:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	108		41 - 120	08/29/17 14:19	08/30/17 16:02	1
2-Fluorobiphenyl	89		48 - 120	08/29/17 14:19	08/30/17 16:02	1
2-Fluorophenol	68		35 - 120	08/29/17 14:19	08/30/17 16:02	1
Nitrobenzene-d5	95		46 - 120	08/29/17 14:19	08/30/17 16:02	1
p-Terphenyl-d14	78		59 - 136	08/29/17 14:19	08/30/17 16:02	1
Phenol-d5	54		22 - 120	08/29/17 14:19	08/30/17 16:02	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0096	J	0.051	0.0094	ug/L		08/29/17 07:47	08/29/17 20:34	1
4,4'-DDE	ND		0.051	0.012	ug/L		08/29/17 07:47	08/29/17 20:34	1
4,4'-DDT	0.019	J	0.051	0.011	ug/L		08/29/17 07:47	08/29/17 20:34	1
Aldrin	ND		0.051	0.0083	ug/L		08/29/17 07:47	08/29/17 20:34	1
alpha-BHC	0.012	J	0.051	0.0079	ug/L		08/29/17 07:47	08/29/17 20:34	1
alpha-Chlordane	ND		0.051	0.015	ug/L		08/29/17 07:47	08/29/17 20:34	1
beta-BHC	ND		0.051	0.025	ug/L		08/29/17 07:47	08/29/17 20:34	1
delta-BHC	ND		0.051	0.010	ug/L		08/29/17 07:47	08/29/17 20:34	1
Dieldrin	ND		0.051	0.010	ug/L		08/29/17 07:47	08/29/17 20:34	1
Endosulfan I	ND		0.051	0.011	ug/L		08/29/17 07:47	08/29/17 20:34	1
Endosulfan II	ND		0.051	0.012	ug/L		08/29/17 07:47	08/29/17 20:34	1
Endosulfan sulfate	ND		0.051	0.016	ug/L		08/29/17 07:47	08/29/17 20:34	1
Endrin	ND		0.051	0.014	ug/L		08/29/17 07:47	08/29/17 20:34	1
Endrin aldehyde	ND		0.051	0.017	ug/L		08/29/17 07:47	08/29/17 20:34	1
Endrin ketone	ND		0.051	0.012	ug/L		08/29/17 07:47	08/29/17 20:34	1
gamma-BHC (Lindane)	ND		0.051	0.0082	ug/L		08/29/17 07:47	08/29/17 20:34	1
gamma-Chlordane	ND		0.051	0.011	ug/L		08/29/17 07:47	08/29/17 20:34	1
Heptachlor	ND		0.051	0.0087	ug/L		08/29/17 07:47	08/29/17 20:34	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123304-1

Client Sample ID: NS-OW21-GW

Lab Sample ID: 480-123304-3

Date Collected: 08/28/17 11:40

Matrix: Water

Date Received: 08/28/17 15:43

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		0.051	0.0076	ug/L		08/29/17 07:47	08/29/17 20:34	1
Methoxychlor	ND		0.051	0.014	ug/L		08/29/17 07:47	08/29/17 20:34	1
Toxaphene	ND		0.51	0.12	ug/L		08/29/17 07:47	08/29/17 20:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	77		20 - 120				08/29/17 07:47	08/29/17 20:34	1
DCB Decachlorobiphenyl	80		20 - 120				08/29/17 07:47	08/29/17 20:34	1
Tetrachloro-m-xylene	106		44 - 120				08/29/17 07:47	08/29/17 20:34	1
Tetrachloro-m-xylene	105		44 - 120				08/29/17 07:47	08/29/17 20:34	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.52	0.18	ug/L		08/29/17 14:46	08/30/17 22:06	1
PCB-1221	ND		0.52	0.18	ug/L		08/29/17 14:46	08/30/17 22:06	1
PCB-1232	ND		0.52	0.18	ug/L		08/29/17 14:46	08/30/17 22:06	1
PCB-1242	ND		0.52	0.18	ug/L		08/29/17 14:46	08/30/17 22:06	1
PCB-1248	ND		0.52	0.18	ug/L		08/29/17 14:46	08/30/17 22:06	1
PCB-1254	ND		0.52	0.26	ug/L		08/29/17 14:46	08/30/17 22:06	1
PCB-1260	ND		0.52	0.26	ug/L		08/29/17 14:46	08/30/17 22:06	1
PCB-1262	ND		0.52	0.26	ug/L		08/29/17 14:46	08/30/17 22:06	1
PCB-1268	ND		0.52	0.26	ug/L		08/29/17 14:46	08/30/17 22:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	77		39 - 121				08/29/17 14:46	08/30/17 22:06	1
Tetrachloro-m-xylene	65		39 - 121				08/29/17 14:46	08/30/17 22:06	1
DCB Decachlorobiphenyl	73		19 - 120				08/29/17 14:46	08/30/17 22:06	1
DCB Decachlorobiphenyl	63		19 - 120				08/29/17 14:46	08/30/17 22:06	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.079	J	0.20	0.060	mg/L		08/29/17 07:44	08/29/17 22:47	1
Antimony	ND		0.020	0.0068	mg/L		08/29/17 07:44	08/29/17 18:01	1
Arsenic	0.0086	J	0.015	0.0056	mg/L		08/29/17 07:44	08/29/17 18:01	1
Barium	0.26		0.0020	0.00070	mg/L		08/29/17 07:44	08/29/17 18:01	1
Beryllium	ND		0.0020	0.00030	mg/L		08/29/17 07:44	08/29/17 18:01	1
Cadmium	ND		0.0020	0.00050	mg/L		08/29/17 07:44	08/29/17 18:01	1
Calcium	261		0.50	0.10	mg/L		08/29/17 07:44	08/29/17 18:01	1
Chromium	ND		0.0040	0.0010	mg/L		08/29/17 07:44	08/29/17 18:01	1
Cobalt	0.0060		0.0040	0.00063	mg/L		08/29/17 07:44	08/29/17 18:01	1
Copper	ND		0.010	0.0016	mg/L		08/29/17 07:44	08/29/17 18:01	1
Iron	16.3		0.050	0.019	mg/L		08/29/17 07:44	08/29/17 18:01	1
Lead	ND		0.010	0.0030	mg/L		08/29/17 07:44	08/29/17 18:01	1
Magnesium	52.6		0.20	0.043	mg/L		08/29/17 07:44	08/29/17 18:01	1
Manganese	1.6	B	0.0030	0.00040	mg/L		08/29/17 07:44	08/29/17 18:01	1
Nickel	0.0055	J	0.010	0.0013	mg/L		08/29/17 07:44	08/29/17 18:01	1
Potassium	10.0		0.50	0.10	mg/L		08/29/17 07:44	08/29/17 18:01	1
Selenium	ND		0.025	0.0087	mg/L		08/29/17 07:44	08/29/17 18:01	1
Silver	ND		0.0060	0.0017	mg/L		08/29/17 07:44	08/29/17 18:01	1
Sodium	64.0		1.0	0.32	mg/L		08/29/17 07:44	08/29/17 18:01	1
Thallium	ND		0.020	0.010	mg/L		08/29/17 07:44	08/29/17 18:01	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123304-1

Client Sample ID: NS-OW21-GW

Lab Sample ID: 480-123304-3

Date Collected: 08/28/17 11:40

Matrix: Water

Date Received: 08/28/17 15:43

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	ND		0.0050	0.0015	mg/L		08/29/17 07:44	08/29/17 18:01	1
Zinc	0.0034	J	0.010	0.0015	mg/L		08/29/17 07:44	08/29/17 18:01	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/30/17 08:43	08/30/17 19:34	1
Antimony	ND		0.020	0.0068	mg/L		08/30/17 08:43	08/30/17 19:34	1
Arsenic	ND		0.015	0.0056	mg/L		08/30/17 08:43	08/30/17 19:34	1
Barium	0.19		0.0020	0.00070	mg/L		08/30/17 08:43	08/30/17 19:34	1
Beryllium	ND		0.0020	0.00030	mg/L		08/30/17 08:43	08/30/17 19:34	1
Cadmium	ND		0.0020	0.00050	mg/L		08/30/17 08:43	08/30/17 19:34	1
Calcium	265		0.50	0.10	mg/L		08/30/17 08:43	08/30/17 19:34	1
Chromium	ND		0.0040	0.0010	mg/L		08/30/17 08:43	08/30/17 19:34	1
Cobalt	0.0044		0.0040	0.00063	mg/L		08/30/17 08:43	08/30/17 19:34	1
Copper	ND		0.010	0.0016	mg/L		08/30/17 08:43	08/30/17 19:34	1
Iron	4.0		0.050	0.019	mg/L		08/30/17 08:43	08/30/17 19:34	1
Lead	ND		0.010	0.0030	mg/L		08/30/17 08:43	08/30/17 19:34	1
Magnesium	57.6		0.20	0.043	mg/L		08/30/17 08:43	08/30/17 19:34	1
Manganese	1.6	B	0.0030	0.00040	mg/L		08/30/17 08:43	08/30/17 19:34	1
Nickel	0.0045	J	0.010	0.0013	mg/L		08/30/17 08:43	08/30/17 19:34	1
Potassium	10.7		0.50	0.10	mg/L		08/30/17 08:43	08/30/17 19:34	1
Selenium	ND		0.025	0.0087	mg/L		08/30/17 08:43	08/30/17 19:34	1
Silver	ND		0.0060	0.0017	mg/L		08/30/17 08:43	08/30/17 19:34	1
Sodium	67.6		1.0	0.32	mg/L		08/30/17 08:43	08/30/17 19:34	1
Thallium	ND		0.020	0.010	mg/L		08/30/17 08:43	08/30/17 19:34	1
Vanadium	ND		0.0050	0.0015	mg/L		08/30/17 08:43	08/30/17 19:34	1
Zinc	0.0074	J B	0.010	0.0015	mg/L		08/30/17 08:43	08/30/17 19:34	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/29/17 10:55	08/29/17 14:20	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/30/17 10:55	08/30/17 16:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	94.8		2.5	1.4	mg/L			08/29/17 17:14	5
Sulfate	8.0	J	10.0	1.7	mg/L			08/29/17 17:14	5
Alkalinity, Total	925		5.0	0.79	mg/L			08/29/17 18:19	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161451-1

Client Sample ID: OW-21

Lab Sample ID: 480-161451-2

Date Collected: 10/23/19 13:10

Matrix: Water

Date Received: 10/23/19 17:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/30/19 01:52	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/30/19 01:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/30/19 01:52	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/30/19 01:52	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/30/19 01:52	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/30/19 01:52	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/30/19 01:52	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/30/19 01:52	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/30/19 01:52	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/30/19 01:52	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/30/19 01:52	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/30/19 01:52	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/30/19 01:52	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/30/19 01:52	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/30/19 01:52	1
2-Hexanone	ND		5.0	1.2	ug/L			10/30/19 01:52	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/30/19 01:52	1
Acetone	ND		10	3.0	ug/L			10/30/19 01:52	1
Benzene	ND		1.0	0.41	ug/L			10/30/19 01:52	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/30/19 01:52	1
Bromoform	ND		1.0	0.26	ug/L			10/30/19 01:52	1
Bromomethane	ND		1.0	0.69	ug/L			10/30/19 01:52	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/30/19 01:52	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/30/19 01:52	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/30/19 01:52	1
Chloroethane	ND		1.0	0.32	ug/L			10/30/19 01:52	1
Chloroform	ND		1.0	0.34	ug/L			10/30/19 01:52	1
Chloromethane	ND		1.0	0.35	ug/L			10/30/19 01:52	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/30/19 01:52	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/30/19 01:52	1
Cyclohexane	ND		1.0	0.18	ug/L			10/30/19 01:52	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/30/19 01:52	1
Dichlorodifluoromethane	ND *		1.0	0.68	ug/L			10/30/19 01:52	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/30/19 01:52	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/30/19 01:52	1
Methyl acetate	ND		2.5	1.3	ug/L			10/30/19 01:52	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/30/19 01:52	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/30/19 01:52	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/30/19 01:52	1
Styrene	ND		1.0	0.73	ug/L			10/30/19 01:52	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/30/19 01:52	1
Toluene	ND		1.0	0.51	ug/L			10/30/19 01:52	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/30/19 01:52	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/30/19 01:52	1
Trichloroethene	ND		1.0	0.46	ug/L			10/30/19 01:52	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/30/19 01:52	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/30/19 01:52	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/30/19 01:52	1
t-Butyl alcohol	ND		10	3.3	ug/L			10/30/19 01:52	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161451-1

Client Sample ID: OW-21

Lab Sample ID: 480-161451-2

Date Collected: 10/23/19 13:10

Matrix: Water

Date Received: 10/23/19 17:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		10/30/19 01:52	1
4-Bromofluorobenzene (Surr)	101		73 - 120		10/30/19 01:52	1
Dibromofluoromethane (Surr)	104		75 - 123		10/30/19 01:52	1
Toluene-d8 (Surr)	96		80 - 120		10/30/19 01:52	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		10/25/19 14:25	10/29/19 01:08	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		10/25/19 14:25	10/29/19 01:08	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		10/25/19 14:25	10/29/19 01:08	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		10/25/19 14:25	10/29/19 01:08	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		10/25/19 14:25	10/29/19 01:08	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		10/25/19 14:25	10/29/19 01:08	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		10/25/19 14:25	10/29/19 01:08	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		10/25/19 14:25	10/29/19 01:08	1
2-Chlorophenol	ND		5.0	0.53	ug/L		10/25/19 14:25	10/29/19 01:08	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		10/25/19 14:25	10/29/19 01:08	1
2-Methylphenol	0.44	J	5.0	0.40	ug/L		10/25/19 14:25	10/29/19 01:08	1
2-Nitroaniline	ND		10	0.42	ug/L		10/25/19 14:25	10/29/19 01:08	1
2-Nitrophenol	ND		5.0	0.48	ug/L		10/25/19 14:25	10/29/19 01:08	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		10/25/19 14:25	10/29/19 01:08	1
3-Nitroaniline	ND		10	0.48	ug/L		10/25/19 14:25	10/29/19 01:08	1
4,6-Dinitro-2-methylphenol	ND	*	10	2.2	ug/L		10/25/19 14:25	10/29/19 01:08	1
4-Bromophenyl phenyl ether	ND	*	5.0	0.45	ug/L		10/25/19 14:25	10/29/19 01:08	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		10/25/19 14:25	10/29/19 01:08	1
4-Chloroaniline	ND		5.0	0.59	ug/L		10/25/19 14:25	10/29/19 01:08	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		10/25/19 14:25	10/29/19 01:08	1
4-Methylphenol	ND		10	0.36	ug/L		10/25/19 14:25	10/29/19 01:08	1
4-Nitroaniline	ND		10	0.25	ug/L		10/25/19 14:25	10/29/19 01:08	1
4-Nitrophenol	ND		10	1.5	ug/L		10/25/19 14:25	10/29/19 01:08	1
Acenaphthene	ND		5.0	0.41	ug/L		10/25/19 14:25	10/29/19 01:08	1
Acenaphthylene	ND		5.0	0.38	ug/L		10/25/19 14:25	10/29/19 01:08	1
Acetophenone	ND		5.0	0.54	ug/L		10/25/19 14:25	10/29/19 01:08	1
Anthracene	ND		5.0	0.28	ug/L		10/25/19 14:25	10/29/19 01:08	1
Atrazine	ND		5.0	0.46	ug/L		10/25/19 14:25	10/29/19 01:08	1
Benzaldehyde	ND		5.0	0.27	ug/L		10/25/19 14:25	10/29/19 01:08	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		10/25/19 14:25	10/29/19 01:08	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		10/25/19 14:25	10/29/19 01:08	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		10/25/19 14:25	10/29/19 01:08	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		10/25/19 14:25	10/29/19 01:08	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		10/25/19 14:25	10/29/19 01:08	1
Biphenyl	ND		5.0	0.65	ug/L		10/25/19 14:25	10/29/19 01:08	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		10/25/19 14:25	10/29/19 01:08	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		10/25/19 14:25	10/29/19 01:08	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		10/25/19 14:25	10/29/19 01:08	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		10/25/19 14:25	10/29/19 01:08	1
Butyl benzyl phthalate	ND	*	5.0	1.0	ug/L		10/25/19 14:25	10/29/19 01:08	1
Caprolactam	ND		5.0	2.2	ug/L		10/25/19 14:25	10/29/19 01:08	1
Carbazole	ND		5.0	0.30	ug/L		10/25/19 14:25	10/29/19 01:08	1
Chrysene	ND		5.0	0.33	ug/L		10/25/19 14:25	10/29/19 01:08	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161451-1

Client Sample ID: OW-21

Lab Sample ID: 480-161451-2

Date Collected: 10/23/19 13:10

Matrix: Water

Date Received: 10/23/19 17:30

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		10/25/19 14:25	10/29/19 01:08	1
Dibenzofuran	ND		10	0.51	ug/L		10/25/19 14:25	10/29/19 01:08	1
Diethyl phthalate	ND		5.0	0.22	ug/L		10/25/19 14:25	10/29/19 01:08	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		10/25/19 14:25	10/29/19 01:08	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		10/25/19 14:25	10/29/19 01:08	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		10/25/19 14:25	10/29/19 01:08	1
Fluoranthene	ND *		5.0	0.40	ug/L		10/25/19 14:25	10/29/19 01:08	1
Fluorene	ND		5.0	0.36	ug/L		10/25/19 14:25	10/29/19 01:08	1
Hexachlorobenzene	ND *		5.0	0.51	ug/L		10/25/19 14:25	10/29/19 01:08	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		10/25/19 14:25	10/29/19 01:08	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		10/25/19 14:25	10/29/19 01:08	1
Hexachloroethane	ND		5.0	0.59	ug/L		10/25/19 14:25	10/29/19 01:08	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		10/25/19 14:25	10/29/19 01:08	1
Isophorone	ND		5.0	0.43	ug/L		10/25/19 14:25	10/29/19 01:08	1
Naphthalene	ND		5.0	0.76	ug/L		10/25/19 14:25	10/29/19 01:08	1
Nitrobenzene	ND		5.0	0.29	ug/L		10/25/19 14:25	10/29/19 01:08	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		10/25/19 14:25	10/29/19 01:08	1
N-Nitrosodiphenylamine	ND *		5.0	0.51	ug/L		10/25/19 14:25	10/29/19 01:08	1
Pentachlorophenol	ND		10	2.2	ug/L		10/25/19 14:25	10/29/19 01:08	1
Phenanthrene	ND *		5.0	0.44	ug/L		10/25/19 14:25	10/29/19 01:08	1
Phenol	ND		5.0	0.39	ug/L		10/25/19 14:25	10/29/19 01:08	1
Pyrene	ND		5.0	0.34	ug/L		10/25/19 14:25	10/29/19 01:08	1
Benzoic acid	ND		150	100	ug/L		10/25/19 14:25	10/29/19 01:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	111		41 - 120	10/25/19 14:25	10/29/19 01:08	1
2-Fluorobiphenyl	103		48 - 120	10/25/19 14:25	10/29/19 01:08	1
2-Fluorophenol	61		35 - 120	10/25/19 14:25	10/29/19 01:08	1
Nitrobenzene-d5	85		46 - 120	10/25/19 14:25	10/29/19 01:08	1
Phenol-d5	45		22 - 120	10/25/19 14:25	10/29/19 01:08	1
p-Terphenyl-d14	101		60 - 148	10/25/19 14:25	10/29/19 01:08	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161562-1

Client Sample ID: OW-21

Lab Sample ID: 480-161562-1

Date Collected: 10/24/19 08:00

Matrix: Water

Date Received: 10/24/19 17:25

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		10/29/19 15:41	10/30/19 15:41	1
4,4'-DDE	ND		0.050	0.012	ug/L		10/29/19 15:41	10/30/19 15:41	1
4,4'-DDT	0.026	J	0.050	0.011	ug/L		10/29/19 15:41	10/30/19 15:41	1
Aldrin	ND		0.050	0.0081	ug/L		10/29/19 15:41	10/30/19 15:41	1
alpha-BHC	ND		0.050	0.0077	ug/L		10/29/19 15:41	10/30/19 15:41	1
cis-Chlordane	ND		0.050	0.015	ug/L		10/29/19 15:41	10/30/19 15:41	1
beta-BHC	ND		0.050	0.025	ug/L		10/29/19 15:41	10/30/19 15:41	1
delta-BHC	ND		0.050	0.010	ug/L		10/29/19 15:41	10/30/19 15:41	1
Dieldrin	ND		0.050	0.0098	ug/L		10/29/19 15:41	10/30/19 15:41	1
Endosulfan I	ND		0.050	0.011	ug/L		10/29/19 15:41	10/30/19 15:41	1
Endosulfan II	ND		0.050	0.012	ug/L		10/29/19 15:41	10/30/19 15:41	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		10/29/19 15:41	10/30/19 15:41	1
Endrin	ND		0.050	0.014	ug/L		10/29/19 15:41	10/30/19 15:41	1
Endrin aldehyde	ND		0.050	0.016	ug/L		10/29/19 15:41	10/30/19 15:41	1
Endrin ketone	ND		0.050	0.012	ug/L		10/29/19 15:41	10/30/19 15:41	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		10/29/19 15:41	10/30/19 15:41	1
trans-Chlordane	ND		0.050	0.011	ug/L		10/29/19 15:41	10/30/19 15:41	1
Heptachlor	ND		0.050	0.0085	ug/L		10/29/19 15:41	10/30/19 15:41	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		10/29/19 15:41	10/30/19 15:41	1
Methoxychlor	ND		0.050	0.014	ug/L		10/29/19 15:41	10/30/19 15:41	1
Toxaphene	ND		0.50	0.12	ug/L		10/29/19 15:41	10/30/19 15:41	1
Mirex	ND		0.050	0.0096	ug/L		10/29/19 15:41	10/30/19 15:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	69		20 - 120	10/29/19 15:41	10/30/19 15:41	1
DCB Decachlorobiphenyl	89		20 - 120	10/29/19 15:41	10/30/19 15:41	1
Tetrachloro-m-xylene	103		44 - 120	10/29/19 15:41	10/30/19 15:41	1
Tetrachloro-m-xylene	93		44 - 120	10/29/19 15:41	10/30/19 15:41	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		10/31/19 15:20	11/03/19 17:24	1
PCB-1221	ND		0.50	0.18	ug/L		10/31/19 15:20	11/03/19 17:24	1
PCB-1232	ND		0.50	0.18	ug/L		10/31/19 15:20	11/03/19 17:24	1
PCB-1242	ND		0.50	0.18	ug/L		10/31/19 15:20	11/03/19 17:24	1
PCB-1248	ND		0.50	0.18	ug/L		10/31/19 15:20	11/03/19 17:24	1
PCB-1254	ND		0.50	0.25	ug/L		10/31/19 15:20	11/03/19 17:24	1
PCB-1260	ND		0.50	0.25	ug/L		10/31/19 15:20	11/03/19 17:24	1
PCB-1262	ND		0.50	0.25	ug/L		10/31/19 15:20	11/03/19 17:24	1
PCB-1268	ND		0.50	0.25	ug/L		10/31/19 15:20	11/03/19 17:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	70		39 - 121	10/31/19 15:20	11/03/19 17:24	1
Tetrachloro-m-xylene	64		39 - 121	10/31/19 15:20	11/03/19 17:24	1
DCB Decachlorobiphenyl	50		19 - 120	10/31/19 15:20	11/03/19 17:24	1
DCB Decachlorobiphenyl	67		19 - 120	10/31/19 15:20	11/03/19 17:24	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		10/26/19 11:19	10/27/19 13:23	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161562-1

Client Sample ID: OW-21

Lab Sample ID: 480-161562-1

Date Collected: 10/24/19 08:00

Matrix: Water

Date Received: 10/24/19 17:25

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.020	0.0068	mg/L		10/26/19 11:19	10/27/19 13:23	1
Arsenic	0.011	J	0.015	0.0056	mg/L		10/26/19 11:19	10/27/19 13:23	1
Barium	0.45		0.0020	0.00070	mg/L		10/26/19 11:19	10/27/19 13:23	1
Beryllium	ND		0.0020	0.00030	mg/L		10/26/19 11:19	10/27/19 13:23	1
Cadmium	ND		0.0020	0.00050	mg/L		10/26/19 11:19	10/27/19 13:23	1
Calcium	215		0.50	0.10	mg/L		10/26/19 11:19	10/27/19 13:23	1
Chromium	ND		0.0040	0.0010	mg/L		10/26/19 11:19	10/27/19 13:23	1
Cobalt	0.0027	J	0.0040	0.00063	mg/L		10/26/19 11:19	10/27/19 13:23	1
Copper	ND		0.010	0.0016	mg/L		10/26/19 11:19	10/27/19 13:23	1
Iron	10.1		0.050	0.019	mg/L		10/26/19 11:19	10/27/19 13:23	1
Lead	ND		0.010	0.0030	mg/L		10/26/19 11:19	10/27/19 13:23	1
Magnesium	86.1		0.20	0.043	mg/L		10/26/19 11:19	10/27/19 13:23	1
Manganese	0.43		0.0030	0.00040	mg/L		10/26/19 11:19	10/27/19 13:23	1
Nickel	0.011		0.010	0.0013	mg/L		10/26/19 11:19	10/27/19 13:23	1
Potassium	12.3		0.50	0.10	mg/L		10/26/19 11:19	10/27/19 13:23	1
Selenium	ND		0.025	0.0087	mg/L		10/26/19 11:19	10/27/19 13:23	1
Silver	ND		0.0060	0.0017	mg/L		10/26/19 11:19	10/27/19 13:23	1
Sodium	69.3		1.0	0.32	mg/L		10/26/19 11:19	10/27/19 13:23	1
Thallium	ND		0.020	0.010	mg/L		10/26/19 11:19	10/27/19 13:23	1
Vanadium	ND		0.0050	0.0015	mg/L		10/26/19 11:19	10/27/19 13:23	1
Zinc	0.0063	J B	0.010	0.0015	mg/L		10/26/19 11:19	10/27/19 13:23	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/04/19 11:22	11/04/19 15:02	1

Well OW-31

Client Sample Results

Client: New York State D.E.C.
Project/Site: NYSDEC - Nash Rd. LF: Site# 932054

TestAmerica Job ID: 480-60169-1

Client Sample ID: OW-31

Lab Sample ID: 480-60219-3

Date Collected: 05/20/14 14:40

Matrix: Water

Date Received: 05/20/14 16:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/23/14 09:09	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/23/14 09:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/23/14 09:09	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/23/14 09:09	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/23/14 09:09	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/23/14 09:09	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/23/14 09:09	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/23/14 09:09	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/23/14 09:09	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/23/14 09:09	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/23/14 09:09	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/23/14 09:09	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/23/14 09:09	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/23/14 09:09	1
2-Butanone (MEK)	2.0	J	10	1.3	ug/L			05/23/14 09:09	1
2-Hexanone	ND		5.0	1.2	ug/L			05/23/14 09:09	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/23/14 09:09	1
Acetone	6.6	J	10	3.0	ug/L			05/23/14 09:09	1
Benzene	ND		1.0	0.41	ug/L			05/23/14 09:09	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/23/14 09:09	1
Bromoform	ND		1.0	0.26	ug/L			05/23/14 09:09	1
Bromomethane	ND		1.0	0.69	ug/L			05/23/14 09:09	1
Carbon disulfide	1.7		1.0	0.19	ug/L			05/23/14 09:09	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/23/14 09:09	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/23/14 09:09	1
Chloroethane	ND		1.0	0.32	ug/L			05/23/14 09:09	1
Chloroform	ND		1.0	0.34	ug/L			05/23/14 09:09	1
Chloromethane	ND		1.0	0.35	ug/L			05/23/14 09:09	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/23/14 09:09	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/23/14 09:09	1
Cyclohexane	ND		1.0	0.18	ug/L			05/23/14 09:09	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/23/14 09:09	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/23/14 09:09	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/23/14 09:09	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/23/14 09:09	1
Methyl acetate	ND		2.5	0.50	ug/L			05/23/14 09:09	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/23/14 09:09	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/23/14 09:09	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/23/14 09:09	1
Styrene	ND		1.0	0.73	ug/L			05/23/14 09:09	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/23/14 09:09	1
Toluene	ND		1.0	0.51	ug/L			05/23/14 09:09	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/23/14 09:09	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/23/14 09:09	1
Trichloroethene	ND		1.0	0.46	ug/L			05/23/14 09:09	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/23/14 09:09	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/23/14 09:09	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/23/14 09:09	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: NYSDEC - Nash Rd. LF: Site# 932054

TestAmerica Job ID: 480-60169-1

Client Sample ID: OW-31

Lab Sample ID: 480-60219-3

Date Collected: 05/20/14 14:40

Matrix: Water

Date Received: 05/20/14 16:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		66 - 137		05/23/14 09:09	1
4-Bromofluorobenzene (Surr)	99		73 - 120		05/23/14 09:09	1
Toluene-d8 (Surr)	104		71 - 126		05/23/14 09:09	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		4.8	0.62	ug/L		05/21/14 11:27	05/30/14 16:18	1
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		05/21/14 11:27	05/30/14 16:18	1
2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L		05/21/14 11:27	05/30/14 16:18	1
2,4,6-Trichlorophenol	ND		4.8	0.58	ug/L		05/21/14 11:27	05/30/14 16:18	1
2,4-Dichlorophenol	ND	*	4.8	0.49	ug/L		05/21/14 11:27	05/30/14 16:18	1
2,4-Dimethylphenol	ND		4.8	0.48	ug/L		05/21/14 11:27	05/30/14 16:18	1
2,4-Dinitrophenol	ND		9.6	2.1	ug/L		05/21/14 11:27	05/30/14 16:18	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		05/21/14 11:27	05/30/14 16:18	1
2,6-Dinitrotoluene	ND		4.8	0.38	ug/L		05/21/14 11:27	05/30/14 16:18	1
2-Chloronaphthalene	ND		4.8	0.44	ug/L		05/21/14 11:27	05/30/14 16:18	1
2-Chlorophenol	ND		4.8	0.51	ug/L		05/21/14 11:27	05/30/14 16:18	1
2-Methylnaphthalene	ND		4.8	0.57	ug/L		05/21/14 11:27	05/30/14 16:18	1
2-Methylphenol	0.47	J	4.8	0.38	ug/L		05/21/14 11:27	05/30/14 16:18	1
2-Nitroaniline	ND		9.6	0.40	ug/L		05/21/14 11:27	05/30/14 16:18	1
2-Nitrophenol	ND		4.8	0.46	ug/L		05/21/14 11:27	05/30/14 16:18	1
3,3'-Dichlorobenzidine	ND		4.8	0.38	ug/L		05/21/14 11:27	05/30/14 16:18	1
3-Nitroaniline	ND	*	9.6	0.46	ug/L		05/21/14 11:27	05/30/14 16:18	1
4,6-Dinitro-2-methylphenol	ND		9.6	2.1	ug/L		05/21/14 11:27	05/30/14 16:18	1
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L		05/21/14 11:27	05/30/14 16:18	1
4-Chloro-3-methylphenol	ND		4.8	0.43	ug/L		05/21/14 11:27	05/30/14 16:18	1
4-Chloroaniline	ND		4.8	0.56	ug/L		05/21/14 11:27	05/30/14 16:18	1
4-Chlorophenyl phenyl ether	ND		4.8	0.33	ug/L		05/21/14 11:27	05/30/14 16:18	1
4-Methylphenol	3.5	J * B	9.6	0.34	ug/L		05/21/14 11:27	05/30/14 16:18	1
4-Nitroaniline	ND		9.6	0.24	ug/L		05/21/14 11:27	05/30/14 16:18	1
4-Nitrophenol	ND		9.6	1.5	ug/L		05/21/14 11:27	05/30/14 16:18	1
Acenaphthene	ND		4.8	0.39	ug/L		05/21/14 11:27	05/30/14 16:18	1
Acenaphthylene	ND		4.8	0.36	ug/L		05/21/14 11:27	05/30/14 16:18	1
Acetophenone	1.4	J	4.8	0.52	ug/L		05/21/14 11:27	05/30/14 16:18	1
Anthracene	ND		4.8	0.27	ug/L		05/21/14 11:27	05/30/14 16:18	1
Atrazine	ND		4.8	0.44	ug/L		05/21/14 11:27	05/30/14 16:18	1
Benzaldehyde	0.44	J B	4.8	0.26	ug/L		05/21/14 11:27	05/30/14 16:18	1
Benzo(a)anthracene	ND		4.8	0.34	ug/L		05/21/14 11:27	05/30/14 16:18	1
Benzo(a)pyrene	ND		4.8	0.45	ug/L		05/21/14 11:27	05/30/14 16:18	1
Benzo(b)fluoranthene	ND		4.8	0.33	ug/L		05/21/14 11:27	05/30/14 16:18	1
Benzo(g,h,i)perylene	ND		4.8	0.33	ug/L		05/21/14 11:27	05/30/14 16:18	1
Benzo(k)fluoranthene	ND		4.8	0.70	ug/L		05/21/14 11:27	05/30/14 16:18	1
Bis(2-chloroethoxy)methane	ND		4.8	0.33	ug/L		05/21/14 11:27	05/30/14 16:18	1
Bis(2-chloroethyl)ether	ND		4.8	0.38	ug/L		05/21/14 11:27	05/30/14 16:18	1
Bis(2-ethylhexyl) phthalate	ND		4.8	1.7	ug/L		05/21/14 11:27	05/30/14 16:18	1
Butyl benzyl phthalate	ND		4.8	0.40	ug/L		05/21/14 11:27	05/30/14 16:18	1
Caprolactam	ND		4.8	2.1	ug/L		05/21/14 11:27	05/30/14 16:18	1
Carbazole	ND		4.8	0.29	ug/L		05/21/14 11:27	05/30/14 16:18	1
Chrysene	ND		4.8	0.32	ug/L		05/21/14 11:27	05/30/14 16:18	1
Di-n-butyl phthalate	0.81	J B	4.8	0.30	ug/L		05/21/14 11:27	05/30/14 16:18	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: NYSDEC - Nash Rd. LF: Site# 932054

TestAmerica Job ID: 480-60169-1

Client Sample ID: OW-31

Lab Sample ID: 480-60219-3

Date Collected: 05/20/14 14:40

Matrix: Water

Date Received: 05/20/14 16:30

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		4.8	0.45	ug/L		05/21/14 11:27	05/30/14 16:18	1
Dibenz(a,h)anthracene	ND		4.8	0.40	ug/L		05/21/14 11:27	05/30/14 16:18	1
Dibenzofuran	ND		9.6	0.49	ug/L		05/21/14 11:27	05/30/14 16:18	1
Diethyl phthalate	ND		4.8	0.21	ug/L		05/21/14 11:27	05/30/14 16:18	1
Dimethyl phthalate	ND		4.8	0.34	ug/L		05/21/14 11:27	05/30/14 16:18	1
Fluoranthene	ND		4.8	0.38	ug/L		05/21/14 11:27	05/30/14 16:18	1
Fluorene	ND		4.8	0.34	ug/L		05/21/14 11:27	05/30/14 16:18	1
Hexachlorobenzene	ND *		4.8	0.49	ug/L		05/21/14 11:27	05/30/14 16:18	1
Hexachlorobutadiene	ND		4.8	0.65	ug/L		05/21/14 11:27	05/30/14 16:18	1
Hexachlorocyclopentadiene	ND		4.8	0.56	ug/L		05/21/14 11:27	05/30/14 16:18	1
Hexachloroethane	ND		4.8	0.56	ug/L		05/21/14 11:27	05/30/14 16:18	1
Indeno(1,2,3-cd)pyrene	ND *		4.8	0.45	ug/L		05/21/14 11:27	05/30/14 16:18	1
Isophorone	ND		4.8	0.41	ug/L		05/21/14 11:27	05/30/14 16:18	1
N-Nitrosodi-n-propylamine	ND		4.8	0.52	ug/L		05/21/14 11:27	05/30/14 16:18	1
N-Nitrosodiphenylamine	ND		4.8	0.49	ug/L		05/21/14 11:27	05/30/14 16:18	1
Naphthalene	0.78	J	4.8	0.73	ug/L		05/21/14 11:27	05/30/14 16:18	1
Nitrobenzene	ND		4.8	0.28	ug/L		05/21/14 11:27	05/30/14 16:18	1
Pentachlorophenol	ND		9.6	2.1	ug/L		05/21/14 11:27	05/30/14 16:18	1
Phenanthrene	0.75	J	4.8	0.42	ug/L		05/21/14 11:27	05/30/14 16:18	1
Phenol	1.1	J	4.8	0.37	ug/L		05/21/14 11:27	05/30/14 16:18	1
Pyrene	ND		4.8	0.33	ug/L		05/21/14 11:27	05/30/14 16:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	103		52 - 132	05/21/14 11:27	05/30/14 16:18	1
2-Fluorobiphenyl	95		48 - 120	05/21/14 11:27	05/30/14 16:18	1
2-Fluorophenol	64		20 - 120	05/21/14 11:27	05/30/14 16:18	1
Nitrobenzene-d5	87		46 - 120	05/21/14 11:27	05/30/14 16:18	1
p-Terphenyl-d14	102		67 - 150	05/21/14 11:27	05/30/14 16:18	1
Phenol-d5	58		16 - 120	05/21/14 11:27	05/30/14 16:18	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.049	0.0090	ug/L		05/22/14 06:42	05/23/14 11:18	1
4,4'-DDE	0.033	J	0.049	0.011	ug/L		05/22/14 06:42	05/23/14 11:18	1
4,4'-DDT	0.056		0.049	0.011	ug/L		05/22/14 06:42	05/23/14 11:18	1
Aldrin	ND		0.049	0.0079	ug/L		05/22/14 06:42	05/23/14 11:18	1
alpha-BHC	0.031	J B	0.049	0.0076	ug/L		05/22/14 06:42	05/23/14 11:18	1
alpha-Chlordane	0.030	J	0.049	0.015	ug/L		05/22/14 06:42	05/23/14 11:18	1
beta-BHC	ND		0.049	0.024	ug/L		05/22/14 06:42	05/23/14 11:18	1
delta-BHC	0.015	J	0.049	0.0098	ug/L		05/22/14 06:42	05/23/14 11:18	1
Dieldrin	0.013	J	0.049	0.0096	ug/L		05/22/14 06:42	05/23/14 11:18	1
Endosulfan I	0.024	J	0.049	0.011	ug/L		05/22/14 06:42	05/23/14 11:18	1
Endosulfan II	0.014	J	0.049	0.012	ug/L		05/22/14 06:42	05/23/14 11:18	1
Endosulfan sulfate	ND		0.049	0.015	ug/L		05/22/14 06:42	05/23/14 11:18	1
Endrin	0.015	J	0.049	0.014	ug/L		05/22/14 06:42	05/23/14 11:18	1
Endrin aldehyde	ND		0.049	0.016	ug/L		05/22/14 06:42	05/23/14 11:18	1
Endrin ketone	0.016	J	0.049	0.012	ug/L		05/22/14 06:42	05/23/14 11:18	1
gamma-BHC (Lindane)	0.014	J	0.049	0.0078	ug/L		05/22/14 06:42	05/23/14 11:18	1
gamma-Chlordane	0.045	J	0.049	0.011	ug/L		05/22/14 06:42	05/23/14 11:18	1
Heptachlor	0.014	J	0.049	0.0083	ug/L		05/22/14 06:42	05/23/14 11:18	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: NYSDEC - Nash Rd. LF: Site# 932054

TestAmerica Job ID: 480-60169-1

Client Sample ID: OW-31

Lab Sample ID: 480-60219-3

Date Collected: 05/20/14 14:40

Matrix: Water

Date Received: 05/20/14 16:30

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		0.049	0.0073	ug/L		05/22/14 06:42	05/23/14 11:18	1
Methoxychlor	0.044	J	0.049	0.014	ug/L		05/22/14 06:42	05/23/14 11:18	1
Toxaphene	ND		0.49	0.12	ug/L		05/22/14 06:42	05/23/14 11:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	27		20 - 120				05/22/14 06:42	05/23/14 11:18	1
DCB Decachlorobiphenyl	59		20 - 120				05/22/14 06:42	05/23/14 11:18	1
Tetrachloro-m-xylene	74		36 - 120				05/22/14 06:42	05/23/14 11:18	1
Tetrachloro-m-xylene	79		36 - 120				05/22/14 06:42	05/23/14 11:18	1

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		0.47	0.14	ug/L		05/22/14 06:55	05/29/14 13:17	1
Silvex (2,4,5-TP)	ND		0.47	0.34	ug/L		05/22/14 06:55	05/29/14 13:17	1
2,4-D	ND		0.47	0.38	ug/L		05/22/14 06:55	05/29/14 13:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	106		40 - 135				05/22/14 06:55	05/29/14 13:17	1
2,4-Dichlorophenylacetic acid	81		40 - 135				05/22/14 06:55	05/29/14 13:17	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0079	J	0.015	0.0056	mg/L		05/21/14 09:15	05/21/14 19:18	1
Barium	0.042		0.0020	0.00070	mg/L		05/21/14 09:15	05/21/14 19:18	1
Cadmium	ND		0.0020	0.00050	mg/L		05/21/14 09:15	05/21/14 19:18	1
Chromium	ND		0.0040	0.0010	mg/L		05/21/14 09:15	05/21/14 19:18	1
Lead	ND		0.010	0.0030	mg/L		05/21/14 09:15	05/21/14 19:18	1
Selenium	ND		0.025	0.0087	mg/L		05/21/14 09:15	05/21/14 19:18	1
Silver	ND		0.0060	0.0017	mg/L		05/21/14 09:15	05/21/14 19:18	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	^	0.00020	0.00012	mg/L		05/22/14 12:00	05/22/14 16:35	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123050-1

Client Sample ID: NS-OW-31-GW

Lab Sample ID: 480-123050-2

Date Collected: 08/22/17 11:55

Matrix: Water

Date Received: 08/22/17 16:47

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/28/17 14:13	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/28/17 14:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/28/17 14:13	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/28/17 14:13	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/28/17 14:13	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/28/17 14:13	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/28/17 14:13	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/28/17 14:13	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/28/17 14:13	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/28/17 14:13	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/28/17 14:13	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/28/17 14:13	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/28/17 14:13	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/28/17 14:13	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/28/17 14:13	1
2-Hexanone	ND		5.0	1.2	ug/L			08/28/17 14:13	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/28/17 14:13	1
Acetone	ND		10	3.0	ug/L			08/28/17 14:13	1
Benzene	ND		1.0	0.41	ug/L			08/28/17 14:13	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/28/17 14:13	1
Bromoform	ND		1.0	0.26	ug/L			08/28/17 14:13	1
Bromomethane	ND		1.0	0.69	ug/L			08/28/17 14:13	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/28/17 14:13	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/28/17 14:13	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/28/17 14:13	1
Chloroethane	ND		1.0	0.32	ug/L			08/28/17 14:13	1
Chloroform	ND		1.0	0.34	ug/L			08/28/17 14:13	1
Chloromethane	ND		1.0	0.35	ug/L			08/28/17 14:13	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/28/17 14:13	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/28/17 14:13	1
Cyclohexane	ND		1.0	0.18	ug/L			08/28/17 14:13	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/28/17 14:13	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/28/17 14:13	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/28/17 14:13	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/28/17 14:13	1
Methyl acetate	ND		2.5	1.3	ug/L			08/28/17 14:13	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/28/17 14:13	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/28/17 14:13	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/28/17 14:13	1
Styrene	ND		1.0	0.73	ug/L			08/28/17 14:13	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/28/17 14:13	1
Toluene	ND		1.0	0.51	ug/L			08/28/17 14:13	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/28/17 14:13	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/28/17 14:13	1
Trichloroethene	ND		1.0	0.46	ug/L			08/28/17 14:13	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/28/17 14:13	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/28/17 14:13	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/28/17 14:13	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123050-1

Client Sample ID: NS-OW-31-GW

Lab Sample ID: 480-123050-2

Date Collected: 08/22/17 11:55

Matrix: Water

Date Received: 08/22/17 16:47

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		08/28/17 14:13	1
4-Bromofluorobenzene (Surr)	100		73 - 120		08/28/17 14:13	1
Toluene-d8 (Surr)	99		80 - 120		08/28/17 14:13	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		08/24/17 14:21	08/29/17 00:28	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		08/24/17 14:21	08/29/17 00:28	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		08/24/17 14:21	08/29/17 00:28	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		08/24/17 14:21	08/29/17 00:28	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		08/24/17 14:21	08/29/17 00:28	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		08/24/17 14:21	08/29/17 00:28	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		08/24/17 14:21	08/29/17 00:28	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		08/24/17 14:21	08/29/17 00:28	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		08/24/17 14:21	08/29/17 00:28	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		08/24/17 14:21	08/29/17 00:28	1
2-Chlorophenol	ND		5.0	0.53	ug/L		08/24/17 14:21	08/29/17 00:28	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/24/17 14:21	08/29/17 00:28	1
2-Methylphenol	0.49	J	5.0	0.40	ug/L		08/24/17 14:21	08/29/17 00:28	1
2-Nitroaniline	ND		10	0.42	ug/L		08/24/17 14:21	08/29/17 00:28	1
2-Nitrophenol	ND		5.0	0.48	ug/L		08/24/17 14:21	08/29/17 00:28	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		08/24/17 14:21	08/29/17 00:28	1
3-Nitroaniline	ND		10	0.48	ug/L		08/24/17 14:21	08/29/17 00:28	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		08/24/17 14:21	08/29/17 00:28	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		08/24/17 14:21	08/29/17 00:28	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		08/24/17 14:21	08/29/17 00:28	1
4-Chloroaniline	ND		5.0	0.59	ug/L		08/24/17 14:21	08/29/17 00:28	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		08/24/17 14:21	08/29/17 00:28	1
4-Methylphenol	0.80	J	10	0.36	ug/L		08/24/17 14:21	08/29/17 00:28	1
4-Nitroaniline	ND		10	0.25	ug/L		08/24/17 14:21	08/29/17 00:28	1
4-Nitrophenol	ND		10	1.5	ug/L		08/24/17 14:21	08/29/17 00:28	1
Acenaphthene	ND		5.0	0.41	ug/L		08/24/17 14:21	08/29/17 00:28	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/24/17 14:21	08/29/17 00:28	1
Acetophenone	ND		5.0	0.54	ug/L		08/24/17 14:21	08/29/17 00:28	1
Anthracene	ND		5.0	0.28	ug/L		08/24/17 14:21	08/29/17 00:28	1
Atrazine	ND		5.0	0.46	ug/L		08/24/17 14:21	08/29/17 00:28	1
Benzaldehyde	ND		5.0	0.27	ug/L		08/24/17 14:21	08/29/17 00:28	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		08/24/17 14:21	08/29/17 00:28	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		08/24/17 14:21	08/29/17 00:28	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		08/24/17 14:21	08/29/17 00:28	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		08/24/17 14:21	08/29/17 00:28	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		08/24/17 14:21	08/29/17 00:28	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		08/24/17 14:21	08/29/17 00:28	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		08/24/17 14:21	08/29/17 00:28	1
Bis(2-ethylhexyl) phthalate	ND *		5.0	2.2	ug/L		08/24/17 14:21	08/29/17 00:28	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		08/24/17 14:21	08/29/17 00:28	1
Caprolactam	ND		5.0	2.2	ug/L		08/24/17 14:21	08/29/17 00:28	1
Carbazole	ND		5.0	0.30	ug/L		08/24/17 14:21	08/29/17 00:28	1
Chrysene	ND		5.0	0.33	ug/L		08/24/17 14:21	08/29/17 00:28	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		08/24/17 14:21	08/29/17 00:28	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123050-1

Client Sample ID: NS-OW-31-GW

Lab Sample ID: 480-123050-2

Date Collected: 08/22/17 11:55

Matrix: Water

Date Received: 08/22/17 16:47

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		08/24/17 14:21	08/29/17 00:28	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/24/17 14:21	08/29/17 00:28	1
Dibenzofuran	ND		10	0.51	ug/L		08/24/17 14:21	08/29/17 00:28	1
Diethyl phthalate	ND		5.0	0.22	ug/L		08/24/17 14:21	08/29/17 00:28	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		08/24/17 14:21	08/29/17 00:28	1
Fluoranthene	ND		5.0	0.40	ug/L		08/24/17 14:21	08/29/17 00:28	1
Fluorene	ND		5.0	0.36	ug/L		08/24/17 14:21	08/29/17 00:28	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		08/24/17 14:21	08/29/17 00:28	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		08/24/17 14:21	08/29/17 00:28	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		08/24/17 14:21	08/29/17 00:28	1
Hexachloroethane	ND		5.0	0.59	ug/L		08/24/17 14:21	08/29/17 00:28	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		08/24/17 14:21	08/29/17 00:28	1
Isophorone	ND		5.0	0.43	ug/L		08/24/17 14:21	08/29/17 00:28	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		08/24/17 14:21	08/29/17 00:28	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		08/24/17 14:21	08/29/17 00:28	1
Naphthalene	ND		5.0	0.76	ug/L		08/24/17 14:21	08/29/17 00:28	1
Nitrobenzene	ND		5.0	0.29	ug/L		08/24/17 14:21	08/29/17 00:28	1
Pentachlorophenol	ND		10	2.2	ug/L		08/24/17 14:21	08/29/17 00:28	1
Phenanthrene	ND		5.0	0.44	ug/L		08/24/17 14:21	08/29/17 00:28	1
Phenol	ND		5.0	0.39	ug/L		08/24/17 14:21	08/29/17 00:28	1
Pyrene	ND		5.0	0.34	ug/L		08/24/17 14:21	08/29/17 00:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	90		41 - 120	08/24/17 14:21	08/29/17 00:28	1
2-Fluorobiphenyl	73		48 - 120	08/24/17 14:21	08/29/17 00:28	1
2-Fluorophenol	56		35 - 120	08/24/17 14:21	08/29/17 00:28	1
Nitrobenzene-d5	78		46 - 120	08/24/17 14:21	08/29/17 00:28	1
p-Terphenyl-d14	81		59 - 136	08/24/17 14:21	08/29/17 00:28	1
Phenol-d5	43		22 - 120	08/24/17 14:21	08/29/17 00:28	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		08/25/17 07:30	08/25/17 16:40	1
4,4'-DDE	ND		0.050	0.012	ug/L		08/25/17 07:30	08/25/17 16:40	1
4,4'-DDT	ND		0.050	0.011	ug/L		08/25/17 07:30	08/25/17 16:40	1
Aldrin	ND		0.050	0.0081	ug/L		08/25/17 07:30	08/25/17 16:40	1
alpha-BHC	0.011	J B	0.050	0.0077	ug/L		08/25/17 07:30	08/25/17 16:40	1
alpha-Chlordane	ND		0.050	0.015	ug/L		08/25/17 07:30	08/25/17 16:40	1
beta-BHC	ND		0.050	0.025	ug/L		08/25/17 07:30	08/25/17 16:40	1
delta-BHC	0.012	J	0.050	0.010	ug/L		08/25/17 07:30	08/25/17 16:40	1
Dieldrin	ND		0.050	0.0098	ug/L		08/25/17 07:30	08/25/17 16:40	1
Endosulfan I	ND		0.050	0.011	ug/L		08/25/17 07:30	08/25/17 16:40	1
Endosulfan II	ND		0.050	0.012	ug/L		08/25/17 07:30	08/25/17 16:40	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		08/25/17 07:30	08/25/17 16:40	1
Endrin	ND		0.050	0.014	ug/L		08/25/17 07:30	08/25/17 16:40	1
Endrin aldehyde	ND		0.050	0.016	ug/L		08/25/17 07:30	08/25/17 16:40	1
Endrin ketone	ND		0.050	0.012	ug/L		08/25/17 07:30	08/25/17 16:40	1
gamma-BHC (Lindane)	0.014	J	0.050	0.0080	ug/L		08/25/17 07:30	08/25/17 16:40	1
gamma-Chlordane	ND		0.050	0.011	ug/L		08/25/17 07:30	08/25/17 16:40	1
Heptachlor	ND		0.050	0.0085	ug/L		08/25/17 07:30	08/25/17 16:40	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123050-1

Client Sample ID: NS-OW-31-GW

Lab Sample ID: 480-123050-2

Date Collected: 08/22/17 11:55

Matrix: Water

Date Received: 08/22/17 16:47

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		0.050	0.0074	ug/L		08/25/17 07:30	08/25/17 16:40	1
Methoxychlor	ND		0.050	0.014	ug/L		08/25/17 07:30	08/25/17 16:40	1
Toxaphene	ND		0.50	0.12	ug/L		08/25/17 07:30	08/25/17 16:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	89		20 - 120				08/25/17 07:30	08/25/17 16:40	1
DCB Decachlorobiphenyl	71		20 - 120				08/25/17 07:30	08/25/17 16:40	1
Tetrachloro-m-xylene	104		44 - 120				08/25/17 07:30	08/25/17 16:40	1
Tetrachloro-m-xylene	95		44 - 120				08/25/17 07:30	08/25/17 16:40	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		08/23/17 14:55	08/24/17 19:05	1
PCB-1221	ND		0.50	0.18	ug/L		08/23/17 14:55	08/24/17 19:05	1
PCB-1232	ND		0.50	0.18	ug/L		08/23/17 14:55	08/24/17 19:05	1
PCB-1242	ND		0.50	0.18	ug/L		08/23/17 14:55	08/24/17 19:05	1
PCB-1248	ND		0.50	0.18	ug/L		08/23/17 14:55	08/24/17 19:05	1
PCB-1254	ND		0.50	0.25	ug/L		08/23/17 14:55	08/24/17 19:05	1
PCB-1260	ND		0.50	0.25	ug/L		08/23/17 14:55	08/24/17 19:05	1
PCB-1262	ND		0.50	0.25	ug/L		08/23/17 14:55	08/24/17 19:05	1
PCB-1268	ND		0.50	0.25	ug/L		08/23/17 14:55	08/24/17 19:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	102		39 - 121				08/23/17 14:55	08/24/17 19:05	1
Tetrachloro-m-xylene	80		39 - 121				08/23/17 14:55	08/24/17 19:05	1
DCB Decachlorobiphenyl	76		19 - 120				08/23/17 14:55	08/24/17 19:05	1
DCB Decachlorobiphenyl	64		19 - 120				08/23/17 14:55	08/24/17 19:05	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/25/17 11:14	08/25/17 17:19	1
Antimony	ND		0.020	0.0068	mg/L		08/25/17 11:14	08/25/17 17:19	1
Arsenic	ND		0.015	0.0056	mg/L		08/25/17 11:14	08/25/17 17:19	1
Barium	0.036		0.0020	0.00070	mg/L		08/25/17 11:14	08/25/17 17:19	1
Beryllium	ND		0.0020	0.00030	mg/L		08/25/17 11:14	08/25/17 17:19	1
Cadmium	ND		0.0020	0.00050	mg/L		08/25/17 11:14	08/25/17 17:19	1
Calcium	476		0.50	0.10	mg/L		08/25/17 11:14	08/25/17 17:19	1
Chromium	ND		0.0040	0.0010	mg/L		08/25/17 11:14	08/25/17 17:19	1
Cobalt	0.0019	J	0.0040	0.00063	mg/L		08/25/17 11:14	08/25/17 17:19	1
Copper	ND		0.010	0.0016	mg/L		08/25/17 11:14	08/25/17 17:19	1
Iron	0.78		0.050	0.019	mg/L		08/25/17 11:14	08/25/17 17:19	1
Lead	0.016	J	0.050	0.015	mg/L		08/25/17 11:14	08/28/17 16:46	5
Magnesium	93.4		0.20	0.043	mg/L		08/25/17 11:14	08/25/17 17:19	1
Manganese	0.75	B	0.0030	0.00040	mg/L		08/25/17 11:14	08/25/17 17:19	1
Nickel	0.0033	J	0.010	0.0013	mg/L		08/25/17 11:14	08/25/17 17:19	1
Potassium	3.0		0.50	0.10	mg/L		08/25/17 11:14	08/25/17 17:19	1
Selenium	ND		0.025	0.0087	mg/L		08/25/17 11:14	08/25/17 17:19	1
Silver	ND		0.0060	0.0017	mg/L		08/25/17 11:14	08/25/17 17:19	1
Sodium	61.0		1.0	0.32	mg/L		08/25/17 11:14	08/25/17 17:19	1
Thallium	ND		0.020	0.010	mg/L		08/25/17 11:14	08/25/17 17:19	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123050-1

Client Sample ID: NS-OW-31-GW

Lab Sample ID: 480-123050-2

Date Collected: 08/22/17 11:55

Matrix: Water

Date Received: 08/22/17 16:47

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	ND		0.0050	0.0015	mg/L		08/25/17 11:14	08/25/17 17:19	1
Zinc	0.0077	J	0.010	0.0015	mg/L		08/25/17 11:14	08/25/17 17:19	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/25/17 08:00	08/25/17 20:13	1
Antimony	ND		0.020	0.0068	mg/L		08/25/17 08:00	08/25/17 20:13	1
Arsenic	ND		0.015	0.0056	mg/L		08/25/17 08:00	08/25/17 20:13	1
Barium	0.035		0.0020	0.00070	mg/L		08/25/17 08:00	08/25/17 20:13	1
Beryllium	ND		0.0020	0.00030	mg/L		08/25/17 08:00	08/25/17 20:13	1
Cadmium	ND		0.0020	0.00050	mg/L		08/25/17 08:00	08/25/17 20:13	1
Calcium	459		0.50	0.10	mg/L		08/25/17 08:00	08/25/17 20:13	1
Chromium	ND		0.0040	0.0010	mg/L		08/25/17 08:00	08/25/17 20:13	1
Cobalt	0.0021	J	0.0040	0.00063	mg/L		08/25/17 08:00	08/25/17 20:13	1
Copper	0.0032	J B	0.010	0.0016	mg/L		08/25/17 08:00	08/25/17 20:13	1
Iron	0.019	J	0.050	0.019	mg/L		08/25/17 08:00	08/25/17 20:13	1
Lead	0.021	J	0.050	0.015	mg/L		08/25/17 08:00	08/28/17 15:34	5
Magnesium	90.6		0.20	0.043	mg/L		08/25/17 08:00	08/25/17 20:13	1
Manganese	0.83	B	0.0030	0.00040	mg/L		08/25/17 08:00	08/25/17 20:13	1
Nickel	0.0055	J	0.010	0.0013	mg/L		08/25/17 08:00	08/25/17 20:13	1
Potassium	3.0		0.50	0.10	mg/L		08/25/17 08:00	08/25/17 20:13	1
Selenium	ND		0.025	0.0087	mg/L		08/25/17 08:00	08/25/17 20:13	1
Silver	ND		0.0060	0.0017	mg/L		08/25/17 08:00	08/25/17 20:13	1
Sodium	59.5		1.0	0.32	mg/L		08/25/17 08:00	08/25/17 20:13	1
Thallium	ND		0.020	0.010	mg/L		08/25/17 08:00	08/25/17 20:13	1
Vanadium	ND		0.0050	0.0015	mg/L		08/25/17 08:00	08/25/17 20:13	1
Zinc	0.0060	J B	0.010	0.0015	mg/L		08/31/17 10:49	08/31/17 16:45	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/24/17 10:50	08/24/17 14:26	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/25/17 11:35	08/25/17 15:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	131		5.0	2.8	mg/L			08/29/17 19:24	10
Sulfate	847		20.0	3.5	mg/L			08/29/17 19:24	10
Alkalinity, Total	659		5.0	0.79	mg/L			08/24/17 17:33	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-165018-1

Client Sample ID: OW-31

Lab Sample ID: 480-165018-2

Date Collected: 01/09/20 11:30

Matrix: Water

Date Received: 01/09/20 14:10

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/13/20 12:45	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/13/20 12:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/13/20 12:45	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/13/20 12:45	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/13/20 12:45	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/13/20 12:45	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/13/20 12:45	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/13/20 12:45	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/13/20 12:45	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/13/20 12:45	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/13/20 12:45	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/13/20 12:45	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/13/20 12:45	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/13/20 12:45	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/13/20 12:45	1
2-Hexanone	ND		5.0	1.2	ug/L			01/13/20 12:45	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/13/20 12:45	1
Acetone	ND		10	3.0	ug/L			01/13/20 12:45	1
Benzene	ND		1.0	0.41	ug/L			01/13/20 12:45	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/13/20 12:45	1
Bromoform	ND		1.0	0.26	ug/L			01/13/20 12:45	1
Bromomethane	ND		1.0	0.69	ug/L			01/13/20 12:45	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/13/20 12:45	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/13/20 12:45	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/13/20 12:45	1
Chloroethane	ND		1.0	0.32	ug/L			01/13/20 12:45	1
Chloroform	ND		1.0	0.34	ug/L			01/13/20 12:45	1
Chloromethane	ND		1.0	0.35	ug/L			01/13/20 12:45	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/13/20 12:45	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/13/20 12:45	1
Cyclohexane	ND		1.0	0.18	ug/L			01/13/20 12:45	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/13/20 12:45	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/13/20 12:45	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/13/20 12:45	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/13/20 12:45	1
Methyl acetate	ND		2.5	1.3	ug/L			01/13/20 12:45	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/13/20 12:45	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/13/20 12:45	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/13/20 12:45	1
Styrene	ND		1.0	0.73	ug/L			01/13/20 12:45	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/13/20 12:45	1
Toluene	ND		1.0	0.51	ug/L			01/13/20 12:45	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/13/20 12:45	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/13/20 12:45	1
Trichloroethene	ND		1.0	0.46	ug/L			01/13/20 12:45	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/13/20 12:45	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/13/20 12:45	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/13/20 12:45	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-165018-1

Client Sample ID: OW-31

Lab Sample ID: 480-165018-2

Date Collected: 01/09/20 11:30

Matrix: Water

Date Received: 01/09/20 14:10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		77 - 120		01/13/20 12:45	1
4-Bromofluorobenzene (Surr)	107		73 - 120		01/13/20 12:45	1
Toluene-d8 (Surr)	102		80 - 120		01/13/20 12:45	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		01/13/20 08:53	01/15/20 02:46	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		01/13/20 08:53	01/15/20 02:46	1
2,4,5-Trichlorophenol	ND	*	5.0	0.48	ug/L		01/13/20 08:53	01/15/20 02:46	1
2,4,6-Trichlorophenol	ND	*	5.0	0.61	ug/L		01/13/20 08:53	01/15/20 02:46	1
2,4-Dichlorophenol	ND	*	5.0	0.51	ug/L		01/13/20 08:53	01/15/20 02:46	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		01/13/20 08:53	01/15/20 02:46	1
2,4-Dinitrophenol	ND	*	10	2.2	ug/L		01/13/20 08:53	01/15/20 02:46	1
2,4-Dinitrotoluene	ND	*	5.0	0.45	ug/L		01/13/20 08:53	01/15/20 02:46	1
2,6-Dinitrotoluene	ND	*	5.0	0.40	ug/L		01/13/20 08:53	01/15/20 02:46	1
2-Chloronaphthalene	ND	*	5.0	0.46	ug/L		01/13/20 08:53	01/15/20 02:46	1
2-Chlorophenol	ND		5.0	0.53	ug/L		01/13/20 08:53	01/15/20 02:46	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		01/13/20 08:53	01/15/20 02:46	1
2-Methylphenol	ND		5.0	0.40	ug/L		01/13/20 08:53	01/15/20 02:46	1
2-Nitroaniline	ND	*	10	0.42	ug/L		01/13/20 08:53	01/15/20 02:46	1
2-Nitrophenol	ND	*	5.0	0.48	ug/L		01/13/20 08:53	01/15/20 02:46	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		01/13/20 08:53	01/15/20 02:46	1
3-Nitroaniline	ND	*	10	0.48	ug/L		01/13/20 08:53	01/15/20 02:46	1
4,6-Dinitro-2-methylphenol	ND	*	10	2.2	ug/L		01/13/20 08:53	01/15/20 02:46	1
4-Bromophenyl phenyl ether	ND	*	5.0	0.45	ug/L		01/13/20 08:53	01/15/20 02:46	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		01/13/20 08:53	01/15/20 02:46	1
4-Chloroaniline	ND	*	5.0	0.59	ug/L		01/13/20 08:53	01/15/20 02:46	1
4-Chlorophenyl phenyl ether	ND	*	5.0	0.35	ug/L		01/13/20 08:53	01/15/20 02:46	1
4-Methylphenol	ND		10	0.36	ug/L		01/13/20 08:53	01/15/20 02:46	1
4-Nitroaniline	ND	*	10	0.25	ug/L		01/13/20 08:53	01/15/20 02:46	1
4-Nitrophenol	ND		10	1.5	ug/L		01/13/20 08:53	01/15/20 02:46	1
Acenaphthene	ND		5.0	0.41	ug/L		01/13/20 08:53	01/15/20 02:46	1
Acenaphthylene	ND	*	5.0	0.38	ug/L		01/13/20 08:53	01/15/20 02:46	1
Acetophenone	ND		5.0	0.54	ug/L		01/13/20 08:53	01/15/20 02:46	1
Anthracene	ND	*	5.0	0.28	ug/L		01/13/20 08:53	01/15/20 02:46	1
Atrazine	ND		5.0	0.46	ug/L		01/13/20 08:53	01/15/20 02:46	1
Benzaldehyde	ND		5.0	0.27	ug/L		01/13/20 08:53	01/15/20 02:46	1
Benzo(a)anthracene	ND	*	5.0	0.36	ug/L		01/13/20 08:53	01/15/20 02:46	1
Benzo(a)pyrene	ND	*	5.0	0.47	ug/L		01/13/20 08:53	01/15/20 02:46	1
Benzo(b)fluoranthene	ND	*	5.0	0.34	ug/L		01/13/20 08:53	01/15/20 02:46	1
Benzo(g,h,i)perylene	ND	*	5.0	0.35	ug/L		01/13/20 08:53	01/15/20 02:46	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		01/13/20 08:53	01/15/20 02:46	1
Bis(2-chloroethoxy)methane	ND	*	5.0	0.35	ug/L		01/13/20 08:53	01/15/20 02:46	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		01/13/20 08:53	01/15/20 02:46	1
Bis(2-ethylhexyl) phthalate	ND	*	5.0	2.2	ug/L		01/13/20 08:53	01/15/20 02:46	1
Butyl benzyl phthalate	ND	*	5.0	1.0	ug/L		01/13/20 08:53	01/15/20 02:46	1
Caprolactam	ND		5.0	2.2	ug/L		01/13/20 08:53	01/15/20 02:46	1
Carbazole	ND	*	5.0	0.30	ug/L		01/13/20 08:53	01/15/20 02:46	1
Chrysene	ND	*	5.0	0.33	ug/L		01/13/20 08:53	01/15/20 02:46	1
Di-n-butyl phthalate	ND	*	5.0	0.31	ug/L		01/13/20 08:53	01/15/20 02:46	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-165018-1

Client Sample ID: OW-31

Lab Sample ID: 480-165018-2

Date Collected: 01/09/20 11:30

Matrix: Water

Date Received: 01/09/20 14:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		01/13/20 08:53	01/15/20 02:46	1
Dibenz(a,h)anthracene	ND	*	5.0	0.42	ug/L		01/13/20 08:53	01/15/20 02:46	1
Dibenzofuran	ND	*	10	0.51	ug/L		01/13/20 08:53	01/15/20 02:46	1
Diethyl phthalate	ND	*	5.0	0.22	ug/L		01/13/20 08:53	01/15/20 02:46	1
Dimethyl phthalate	ND	*	5.0	0.36	ug/L		01/13/20 08:53	01/15/20 02:46	1
Fluoranthene	ND	*	5.0	0.40	ug/L		01/13/20 08:53	01/15/20 02:46	1
Fluorene	ND	*	5.0	0.36	ug/L		01/13/20 08:53	01/15/20 02:46	1
Hexachlorobenzene	ND	*	5.0	0.51	ug/L		01/13/20 08:53	01/15/20 02:46	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		01/13/20 08:53	01/15/20 02:46	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		01/13/20 08:53	01/15/20 02:46	1
Hexachloroethane	ND		5.0	0.59	ug/L		01/13/20 08:53	01/15/20 02:46	1
Indeno(1,2,3-cd)pyrene	ND	*	5.0	0.47	ug/L		01/13/20 08:53	01/15/20 02:46	1
Isophorone	ND	*	5.0	0.43	ug/L		01/13/20 08:53	01/15/20 02:46	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		01/13/20 08:53	01/15/20 02:46	1
N-Nitrosodiphenylamine	ND	*	5.0	0.51	ug/L		01/13/20 08:53	01/15/20 02:46	1
Naphthalene	ND		5.0	0.76	ug/L		01/13/20 08:53	01/15/20 02:46	1
Nitrobenzene	ND		5.0	0.29	ug/L		01/13/20 08:53	01/15/20 02:46	1
Pentachlorophenol	ND		10	2.2	ug/L		01/13/20 08:53	01/15/20 02:46	1
Phenanthrene	ND	*	5.0	0.44	ug/L		01/13/20 08:53	01/15/20 02:46	1
Phenol	ND		5.0	0.39	ug/L		01/13/20 08:53	01/15/20 02:46	1
Pyrene	ND		5.0	0.34	ug/L		01/13/20 08:53	01/15/20 02:46	1
Benzoic acid	ND		150	100	ug/L		01/13/20 08:53	01/15/20 02:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	102		41 - 120	01/13/20 08:53	01/15/20 02:46	1
2-Fluorobiphenyl	101		48 - 120	01/13/20 08:53	01/15/20 02:46	1
2-Fluorophenol	78		35 - 120	01/13/20 08:53	01/15/20 02:46	1
Nitrobenzene-d5	93		46 - 120	01/13/20 08:53	01/15/20 02:46	1
p-Terphenyl-d14	91		60 - 148	01/13/20 08:53	01/15/20 02:46	1
Phenol-d5	58		22 - 120	01/13/20 08:53	01/15/20 02:46	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		01/10/20 16:04	01/14/20 18:08	1
4,4'-DDE	ND		0.050	0.012	ug/L		01/10/20 16:04	01/14/20 18:08	1
4,4'-DDT	0.020	J	0.050	0.011	ug/L		01/10/20 16:04	01/14/20 18:08	1
Aldrin	ND		0.050	0.0081	ug/L		01/10/20 16:04	01/14/20 18:08	1
alpha-BHC	ND		0.050	0.0077	ug/L		01/10/20 16:04	01/14/20 18:08	1
cis-Chlordane	ND		0.050	0.015	ug/L		01/10/20 16:04	01/14/20 18:08	1
beta-BHC	ND		0.050	0.025	ug/L		01/10/20 16:04	01/14/20 18:08	1
delta-BHC	0.016	J	0.050	0.010	ug/L		01/10/20 16:04	01/14/20 18:08	1
Dieldrin	ND		0.050	0.0098	ug/L		01/10/20 16:04	01/14/20 18:08	1
Endosulfan I	ND		0.050	0.011	ug/L		01/10/20 16:04	01/14/20 18:08	1
Endosulfan II	ND		0.050	0.012	ug/L		01/10/20 16:04	01/14/20 18:08	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		01/10/20 16:04	01/14/20 18:08	1
Endrin	ND		0.050	0.014	ug/L		01/10/20 16:04	01/14/20 18:08	1
Endrin aldehyde	ND		0.050	0.016	ug/L		01/10/20 16:04	01/14/20 18:08	1
Endrin ketone	ND		0.050	0.012	ug/L		01/10/20 16:04	01/14/20 18:08	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		01/10/20 16:04	01/14/20 18:08	1
trans-Chlordane	ND		0.050	0.011	ug/L		01/10/20 16:04	01/14/20 18:08	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-165018-1

Client Sample ID: OW-31

Lab Sample ID: 480-165018-2

Date Collected: 01/09/20 11:30

Matrix: Water

Date Received: 01/09/20 14:10

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.050	0.0085	ug/L		01/10/20 16:04	01/14/20 18:08	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		01/10/20 16:04	01/14/20 18:08	1
Methoxychlor	ND		0.050	0.014	ug/L		01/10/20 16:04	01/14/20 18:08	1
Toxaphene	ND		0.50	0.12	ug/L		01/10/20 16:04	01/14/20 18:08	1
Mirex	ND		0.050	0.0096	ug/L		01/10/20 16:04	01/14/20 18:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	53		20 - 120	01/10/20 16:04	01/14/20 18:08	1
DCB Decachlorobiphenyl	59		20 - 120	01/10/20 16:04	01/14/20 18:08	1
Tetrachloro-m-xylene	77		44 - 120	01/10/20 16:04	01/14/20 18:08	1
Tetrachloro-m-xylene	73		44 - 120	01/10/20 16:04	01/14/20 18:08	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		01/10/20 15:57	01/12/20 21:16	1
PCB-1221	ND		0.50	0.18	ug/L		01/10/20 15:57	01/12/20 21:16	1
PCB-1232	ND		0.50	0.18	ug/L		01/10/20 15:57	01/12/20 21:16	1
PCB-1242	ND		0.50	0.18	ug/L		01/10/20 15:57	01/12/20 21:16	1
PCB-1248	ND		0.50	0.18	ug/L		01/10/20 15:57	01/12/20 21:16	1
PCB-1254	ND		0.50	0.25	ug/L		01/10/20 15:57	01/12/20 21:16	1
PCB-1260	ND		0.50	0.25	ug/L		01/10/20 15:57	01/12/20 21:16	1
PCB-1262	ND		0.50	0.25	ug/L		01/10/20 15:57	01/12/20 21:16	1
PCB-1268	ND		0.50	0.25	ug/L		01/10/20 15:57	01/12/20 21:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	82		39 - 121	01/10/20 15:57	01/12/20 21:16	1
Tetrachloro-m-xylene	76		39 - 121	01/10/20 15:57	01/12/20 21:16	1
DCB Decachlorobiphenyl	49		19 - 120	01/10/20 15:57	01/12/20 21:16	1
DCB Decachlorobiphenyl	47		19 - 120	01/10/20 15:57	01/12/20 21:16	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		01/13/20 09:21	01/13/20 17:51	1
Antimony	ND		0.020	0.0068	mg/L		01/13/20 09:21	01/13/20 17:51	1
Arsenic	ND		0.015	0.0056	mg/L		01/13/20 09:21	01/13/20 17:51	1
Barium	0.11		0.0020	0.00070	mg/L		01/13/20 09:21	01/13/20 17:51	1
Beryllium	ND		0.0020	0.00030	mg/L		01/13/20 09:21	01/14/20 12:14	1
Cadmium	0.00059 J		0.0020	0.00050	mg/L		01/13/20 09:21	01/13/20 17:51	1
Calcium	151		0.50	0.10	mg/L		01/13/20 09:21	01/13/20 17:51	1
Chromium	ND		0.0040	0.0010	mg/L		01/13/20 09:21	01/13/20 17:51	1
Cobalt	0.0070		0.0040	0.00063	mg/L		01/13/20 09:21	01/13/20 17:51	1
Copper	ND		0.010	0.0016	mg/L		01/13/20 09:21	01/13/20 17:51	1
Iron	3.2		0.050	0.019	mg/L		01/13/20 09:21	01/13/20 17:51	1
Lead	ND		0.010	0.0030	mg/L		01/13/20 09:21	01/13/20 17:51	1
Magnesium	51.5		0.20	0.043	mg/L		01/13/20 09:21	01/13/20 17:51	1
Manganese	0.30		0.0030	0.00040	mg/L		01/13/20 09:21	01/13/20 17:51	1
Nickel	0.0023 J		0.010	0.0013	mg/L		01/13/20 09:21	01/13/20 17:51	1
Potassium	3.1		0.50	0.10	mg/L		01/13/20 09:21	01/13/20 17:51	1
Selenium	ND		0.025	0.0087	mg/L		01/13/20 09:21	01/14/20 12:14	1
Silver	ND		0.0060	0.0017	mg/L		01/13/20 09:21	01/13/20 17:51	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-165018-1

Client Sample ID: OW-31

Lab Sample ID: 480-165018-2

Date Collected: 01/09/20 11:30

Matrix: Water

Date Received: 01/09/20 14:10

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	17.2		1.0	0.32	mg/L		01/13/20 09:21	01/13/20 17:51	1
Thallium	ND		0.020	0.010	mg/L		01/13/20 09:21	01/13/20 17:51	1
Vanadium	ND		0.0050	0.0015	mg/L		01/13/20 09:21	01/13/20 17:51	1
Zinc	0.0020	J	0.010	0.0015	mg/L		01/13/20 09:21	01/13/20 17:51	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		01/14/20 11:33	01/14/20 14:09	1

Well OW-34

Client Sample Results

Client: New York State D.E.C.
Project/Site: NYSDEC - Nash Rd. LF: Site# 932054

TestAmerica Job ID: 480-60169-1

Client Sample ID: OW-34

Lab Sample ID: 480-60169-3

Date Collected: 05/19/14 14:36

Matrix: Water

Date Received: 05/19/14 18:45

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	4.1	ug/L			05/21/14 19:56	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			05/21/14 19:56	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			05/21/14 19:56	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			05/21/14 19:56	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			05/21/14 19:56	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			05/21/14 19:56	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			05/21/14 19:56	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			05/21/14 19:56	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			05/21/14 19:56	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			05/21/14 19:56	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			05/21/14 19:56	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			05/21/14 19:56	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			05/21/14 19:56	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			05/21/14 19:56	5
2-Butanone (MEK)	ND		50	6.6	ug/L			05/21/14 19:56	5
2-Hexanone	ND		25	6.2	ug/L			05/21/14 19:56	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			05/21/14 19:56	5
Acetone	ND		50	15	ug/L			05/21/14 19:56	5
Benzene	ND		5.0	2.1	ug/L			05/21/14 19:56	5
Bromodichloromethane	ND	*	5.0	2.0	ug/L			05/21/14 19:56	5
Bromoform	ND		5.0	1.3	ug/L			05/21/14 19:56	5
Bromomethane	ND		5.0	3.5	ug/L			05/21/14 19:56	5
Carbon disulfide	ND		5.0	0.95	ug/L			05/21/14 19:56	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			05/21/14 19:56	5
Chlorobenzene	ND		5.0	3.8	ug/L			05/21/14 19:56	5
Chloroethane	ND		5.0	1.6	ug/L			05/21/14 19:56	5
Chloroform	ND		5.0	1.7	ug/L			05/21/14 19:56	5
Chloromethane	ND		5.0	1.8	ug/L			05/21/14 19:56	5
cis-1,2-Dichloroethene	ND		5.0	4.1	ug/L			05/21/14 19:56	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			05/21/14 19:56	5
Cyclohexane	ND		5.0	0.90	ug/L			05/21/14 19:56	5
Dibromochloromethane	ND		5.0	1.6	ug/L			05/21/14 19:56	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			05/21/14 19:56	5
Ethylbenzene	ND		5.0	3.7	ug/L			05/21/14 19:56	5
Isopropylbenzene	ND		5.0	4.0	ug/L			05/21/14 19:56	5
Methyl acetate	ND		13	2.5	ug/L			05/21/14 19:56	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			05/21/14 19:56	5
Methylcyclohexane	ND		5.0	0.80	ug/L			05/21/14 19:56	5
Methylene Chloride	ND		5.0	2.2	ug/L			05/21/14 19:56	5
Styrene	ND		5.0	3.7	ug/L			05/21/14 19:56	5
Tetrachloroethene	ND		5.0	1.8	ug/L			05/21/14 19:56	5
Toluene	ND		5.0	2.6	ug/L			05/21/14 19:56	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			05/21/14 19:56	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			05/21/14 19:56	5
Trichloroethene	ND		5.0	2.3	ug/L			05/21/14 19:56	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			05/21/14 19:56	5
Vinyl chloride	ND		5.0	4.5	ug/L			05/21/14 19:56	5
Xylenes, Total	ND		10	3.3	ug/L			05/21/14 19:56	5

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: NYSDEC - Nash Rd. LF: Site# 932054

TestAmerica Job ID: 480-60169-1

Client Sample ID: OW-34

Lab Sample ID: 480-60169-3

Date Collected: 05/19/14 14:36

Matrix: Water

Date Received: 05/19/14 18:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		66 - 137		05/21/14 19:56	5
4-Bromofluorobenzene (Surr)	93		73 - 120		05/21/14 19:56	5
Toluene-d8 (Surr)	97		71 - 126		05/21/14 19:56	5

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.2	0.68	ug/L		05/21/14 11:27	05/31/14 04:23	1
bis (2-chloroisopropyl) ether	ND		5.2	0.54	ug/L		05/21/14 11:27	05/31/14 04:23	1
2,4,5-Trichlorophenol	ND		5.2	0.50	ug/L		05/21/14 11:27	05/31/14 04:23	1
2,4,6-Trichlorophenol	ND		5.2	0.63	ug/L		05/21/14 11:27	05/31/14 04:23	1
2,4-Dichlorophenol	ND	*	5.2	0.53	ug/L		05/21/14 11:27	05/31/14 04:23	1
2,4-Dimethylphenol	ND		5.2	0.52	ug/L		05/21/14 11:27	05/31/14 04:23	1
2,4-Dinitrophenol	ND		10	2.3	ug/L		05/21/14 11:27	05/31/14 04:23	1
2,4-Dinitrotoluene	ND		5.2	0.46	ug/L		05/21/14 11:27	05/31/14 04:23	1
2,6-Dinitrotoluene	ND		5.2	0.41	ug/L		05/21/14 11:27	05/31/14 04:23	1
2-Chloronaphthalene	ND		5.2	0.48	ug/L		05/21/14 11:27	05/31/14 04:23	1
2-Chlorophenol	ND		5.2	0.55	ug/L		05/21/14 11:27	05/31/14 04:23	1
2-Methylnaphthalene	ND		5.2	0.62	ug/L		05/21/14 11:27	05/31/14 04:23	1
2-Methylphenol	ND		5.2	0.41	ug/L		05/21/14 11:27	05/31/14 04:23	1
2-Nitroaniline	ND		10	0.43	ug/L		05/21/14 11:27	05/31/14 04:23	1
2-Nitrophenol	ND		5.2	0.50	ug/L		05/21/14 11:27	05/31/14 04:23	1
3,3'-Dichlorobenzidine	ND		5.2	0.41	ug/L		05/21/14 11:27	05/31/14 04:23	1
3-Nitroaniline	ND	*	10	0.50	ug/L		05/21/14 11:27	05/31/14 04:23	1
4,6-Dinitro-2-methylphenol	ND		10	2.3	ug/L		05/21/14 11:27	05/31/14 04:23	1
4-Bromophenyl phenyl ether	ND		5.2	0.47	ug/L		05/21/14 11:27	05/31/14 04:23	1
4-Chloro-3-methylphenol	ND		5.2	0.47	ug/L		05/21/14 11:27	05/31/14 04:23	1
4-Chloroaniline	ND		5.2	0.61	ug/L		05/21/14 11:27	05/31/14 04:23	1
4-Chlorophenyl phenyl ether	ND		5.2	0.36	ug/L		05/21/14 11:27	05/31/14 04:23	1
4-Methylphenol	2.2	J * B	10	0.37	ug/L		05/21/14 11:27	05/31/14 04:23	1
4-Nitroaniline	ND		10	0.26	ug/L		05/21/14 11:27	05/31/14 04:23	1
4-Nitrophenol	ND		10	1.6	ug/L		05/21/14 11:27	05/31/14 04:23	1
Acenaphthene	ND		5.2	0.42	ug/L		05/21/14 11:27	05/31/14 04:23	1
Acenaphthylene	ND		5.2	0.39	ug/L		05/21/14 11:27	05/31/14 04:23	1
Acetophenone	ND		5.2	0.56	ug/L		05/21/14 11:27	05/31/14 04:23	1
Anthracene	ND		5.2	0.29	ug/L		05/21/14 11:27	05/31/14 04:23	1
Atrazine	ND		5.2	0.48	ug/L		05/21/14 11:27	05/31/14 04:23	1
Benzaldehyde	ND		5.2	0.28	ug/L		05/21/14 11:27	05/31/14 04:23	1
Benzo(a)anthracene	ND		5.2	0.37	ug/L		05/21/14 11:27	05/31/14 04:23	1
Benzo(a)pyrene	ND		5.2	0.49	ug/L		05/21/14 11:27	05/31/14 04:23	1
Benzo(b)fluoranthene	ND		5.2	0.35	ug/L		05/21/14 11:27	05/31/14 04:23	1
Benzo(g,h,i)perylene	ND		5.2	0.36	ug/L		05/21/14 11:27	05/31/14 04:23	1
Benzo(k)fluoranthene	ND		5.2	0.75	ug/L		05/21/14 11:27	05/31/14 04:23	1
Bis(2-chloroethoxy)methane	ND		5.2	0.36	ug/L		05/21/14 11:27	05/31/14 04:23	1
Bis(2-chloroethyl)ether	ND		5.2	0.41	ug/L		05/21/14 11:27	05/31/14 04:23	1
Bis(2-ethylhexyl) phthalate	ND		5.2	1.9	ug/L		05/21/14 11:27	05/31/14 04:23	1
Butyl benzyl phthalate	ND		5.2	0.43	ug/L		05/21/14 11:27	05/31/14 04:23	1
Caprolactam	ND		5.2	2.3	ug/L		05/21/14 11:27	05/31/14 04:23	1
Carbazole	ND		5.2	0.31	ug/L		05/21/14 11:27	05/31/14 04:23	1
Chrysene	ND		5.2	0.34	ug/L		05/21/14 11:27	05/31/14 04:23	1
Di-n-butyl phthalate	0.41	J B	5.2	0.32	ug/L		05/21/14 11:27	05/31/14 04:23	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: NYSDEC - Nash Rd. LF: Site# 932054

TestAmerica Job ID: 480-60169-1

Client Sample ID: OW-34

Lab Sample ID: 480-60169-3

Date Collected: 05/19/14 14:36

Matrix: Water

Date Received: 05/19/14 18:45

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.2	0.49	ug/L		05/21/14 11:27	05/31/14 04:23	1
Dibenz(a,h)anthracene	ND		5.2	0.43	ug/L		05/21/14 11:27	05/31/14 04:23	1
Dibenzofuran	ND		10	0.53	ug/L		05/21/14 11:27	05/31/14 04:23	1
Diethyl phthalate	ND		5.2	0.23	ug/L		05/21/14 11:27	05/31/14 04:23	1
Dimethyl phthalate	ND		5.2	0.37	ug/L		05/21/14 11:27	05/31/14 04:23	1
Fluoranthene	ND		5.2	0.41	ug/L		05/21/14 11:27	05/31/14 04:23	1
Fluorene	ND		5.2	0.37	ug/L		05/21/14 11:27	05/31/14 04:23	1
Hexachlorobenzene	ND	*	5.2	0.53	ug/L		05/21/14 11:27	05/31/14 04:23	1
Hexachlorobutadiene	ND		5.2	0.70	ug/L		05/21/14 11:27	05/31/14 04:23	1
Hexachlorocyclopentadiene	ND		5.2	0.61	ug/L		05/21/14 11:27	05/31/14 04:23	1
Hexachloroethane	ND		5.2	0.61	ug/L		05/21/14 11:27	05/31/14 04:23	1
Indeno(1,2,3-cd)pyrene	ND	*	5.2	0.49	ug/L		05/21/14 11:27	05/31/14 04:23	1
Isophorone	ND		5.2	0.44	ug/L		05/21/14 11:27	05/31/14 04:23	1
N-Nitrosodi-n-propylamine	ND		5.2	0.56	ug/L		05/21/14 11:27	05/31/14 04:23	1
N-Nitrosodiphenylamine	ND		5.2	0.53	ug/L		05/21/14 11:27	05/31/14 04:23	1
Naphthalene	ND		5.2	0.79	ug/L		05/21/14 11:27	05/31/14 04:23	1
Nitrobenzene	ND		5.2	0.30	ug/L		05/21/14 11:27	05/31/14 04:23	1
Pentachlorophenol	ND		10	2.3	ug/L		05/21/14 11:27	05/31/14 04:23	1
Phenanthrene	0.46	J	5.2	0.45	ug/L		05/21/14 11:27	05/31/14 04:23	1
Phenol	ND		5.2	0.40	ug/L		05/21/14 11:27	05/31/14 04:23	1
Pyrene	ND		5.2	0.35	ug/L		05/21/14 11:27	05/31/14 04:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	116		52 - 132	05/21/14 11:27	05/31/14 04:23	1
2-Fluorobiphenyl	93		48 - 120	05/21/14 11:27	05/31/14 04:23	1
2-Fluorophenol	67		20 - 120	05/21/14 11:27	05/31/14 04:23	1
Nitrobenzene-d5	87		46 - 120	05/21/14 11:27	05/31/14 04:23	1
p-Terphenyl-d14	114		67 - 150	05/21/14 11:27	05/31/14 04:23	1
Phenol-d5	60		16 - 120	05/21/14 11:27	05/31/14 04:23	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.012	J	0.048	0.0089	ug/L		05/21/14 06:23	05/22/14 18:39	1
4,4'-DDE	ND		0.048	0.011	ug/L		05/21/14 06:23	05/22/14 18:39	1
4,4'-DDT	ND		0.048	0.011	ug/L		05/21/14 06:23	05/22/14 18:39	1
Aldrin	0.033	J	0.048	0.0078	ug/L		05/21/14 06:23	05/22/14 18:39	1
alpha-BHC	ND		0.048	0.0074	ug/L		05/21/14 06:23	05/22/14 18:39	1
alpha-Chlordane	ND		0.048	0.014	ug/L		05/21/14 06:23	05/22/14 18:39	1
beta-BHC	ND		0.048	0.024	ug/L		05/21/14 06:23	05/22/14 18:39	1
delta-BHC	0.015	J B	0.048	0.0096	ug/L		05/21/14 06:23	05/22/14 18:39	1
Dieldrin	ND		0.048	0.0094	ug/L		05/21/14 06:23	05/22/14 18:39	1
Endosulfan I	ND		0.048	0.011	ug/L		05/21/14 06:23	05/22/14 18:39	1
Endosulfan II	ND		0.048	0.012	ug/L		05/21/14 06:23	05/22/14 18:39	1
Endosulfan sulfate	ND		0.048	0.015	ug/L		05/21/14 06:23	05/22/14 18:39	1
Endrin	ND		0.048	0.013	ug/L		05/21/14 06:23	05/22/14 18:39	1
Endrin aldehyde	ND		0.048	0.016	ug/L		05/21/14 06:23	05/22/14 18:39	1
Endrin ketone	ND		0.048	0.012	ug/L		05/21/14 06:23	05/22/14 18:39	1
gamma-BHC (Lindane)	0.016	J	0.048	0.0077	ug/L		05/21/14 06:23	05/22/14 18:39	1
gamma-Chlordane	ND		0.048	0.011	ug/L		05/21/14 06:23	05/22/14 18:39	1
Heptachlor	ND		0.048	0.0082	ug/L		05/21/14 06:23	05/22/14 18:39	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: NYSDEC - Nash Rd. LF: Site# 932054

TestAmerica Job ID: 480-60169-1

Client Sample ID: OW-34

Lab Sample ID: 480-60169-3

Date Collected: 05/19/14 14:36

Matrix: Water

Date Received: 05/19/14 18:45

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		0.048	0.0071	ug/L		05/21/14 06:23	05/22/14 18:39	1
Methoxychlor	0.051		0.048	0.014	ug/L		05/21/14 06:23	05/22/14 18:39	1
Toxaphene	ND		0.48	0.12	ug/L		05/21/14 06:23	05/22/14 18:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	62		20 - 120				05/21/14 06:23	05/22/14 18:39	1
DCB Decachlorobiphenyl	66		20 - 120				05/21/14 06:23	05/22/14 18:39	1
Tetrachloro-m-xylene	89		36 - 120				05/21/14 06:23	05/22/14 18:39	1
Tetrachloro-m-xylene	76		36 - 120				05/21/14 06:23	05/22/14 18:39	1

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		0.51	0.15	ug/L		05/22/14 06:55	05/29/14 10:20	1
Silvex (2,4,5-TP)	ND		0.51	0.36	ug/L		05/22/14 06:55	05/29/14 10:20	1
2,4-D	ND		0.51	0.40	ug/L		05/22/14 06:55	05/29/14 10:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	133		40 - 135				05/22/14 06:55	05/29/14 10:20	1
2,4-Dichlorophenylacetic acid	81		40 - 135				05/22/14 06:55	05/29/14 10:20	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0069	J	0.015	0.0056	mg/L		05/21/14 09:15	05/21/14 22:12	1
Barium	0.089		0.0020	0.00070	mg/L		05/21/14 09:15	05/21/14 22:12	1
Cadmium	ND		0.0020	0.00050	mg/L		05/21/14 09:15	05/21/14 22:12	1
Chromium	ND		0.0040	0.0010	mg/L		05/21/14 09:15	05/21/14 22:12	1
Lead	ND		0.010	0.0030	mg/L		05/21/14 09:15	05/21/14 22:12	1
Selenium	ND		0.025	0.0087	mg/L		05/21/14 09:15	05/21/14 22:12	1
Silver	ND		0.0060	0.0017	mg/L		05/21/14 09:15	05/21/14 22:12	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/21/14 09:40	05/21/14 16:10	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123050-1

Client Sample ID: NS-OW-34-GW

Lab Sample ID: 480-123050-1

Date Collected: 08/22/17 10:20

Matrix: Water

Date Received: 08/22/17 16:47

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/28/17 13:48	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/28/17 13:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/28/17 13:48	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/28/17 13:48	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/28/17 13:48	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/28/17 13:48	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/28/17 13:48	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/28/17 13:48	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/28/17 13:48	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/28/17 13:48	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/28/17 13:48	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/28/17 13:48	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/28/17 13:48	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/28/17 13:48	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/28/17 13:48	1
2-Hexanone	ND		5.0	1.2	ug/L			08/28/17 13:48	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/28/17 13:48	1
Acetone	3.2	J	10	3.0	ug/L			08/28/17 13:48	1
Benzene	ND		1.0	0.41	ug/L			08/28/17 13:48	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/28/17 13:48	1
Bromoform	ND		1.0	0.26	ug/L			08/28/17 13:48	1
Bromomethane	ND		1.0	0.69	ug/L			08/28/17 13:48	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/28/17 13:48	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/28/17 13:48	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/28/17 13:48	1
Chloroethane	ND		1.0	0.32	ug/L			08/28/17 13:48	1
Chloroform	ND		1.0	0.34	ug/L			08/28/17 13:48	1
Chloromethane	ND		1.0	0.35	ug/L			08/28/17 13:48	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/28/17 13:48	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/28/17 13:48	1
Cyclohexane	ND		1.0	0.18	ug/L			08/28/17 13:48	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/28/17 13:48	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/28/17 13:48	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/28/17 13:48	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/28/17 13:48	1
Methyl acetate	ND		2.5	1.3	ug/L			08/28/17 13:48	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/28/17 13:48	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/28/17 13:48	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/28/17 13:48	1
Styrene	ND		1.0	0.73	ug/L			08/28/17 13:48	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/28/17 13:48	1
Toluene	ND		1.0	0.51	ug/L			08/28/17 13:48	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/28/17 13:48	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/28/17 13:48	1
Trichloroethene	ND		1.0	0.46	ug/L			08/28/17 13:48	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/28/17 13:48	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/28/17 13:48	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/28/17 13:48	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123050-1

Client Sample ID: NS-OW-34-GW

Lab Sample ID: 480-123050-1

Date Collected: 08/22/17 10:20

Matrix: Water

Date Received: 08/22/17 16:47

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		08/28/17 13:48	1
4-Bromofluorobenzene (Surr)	101		73 - 120		08/28/17 13:48	1
Toluene-d8 (Surr)	97		80 - 120		08/28/17 13:48	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		08/24/17 14:21	08/28/17 23:59	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		08/24/17 14:21	08/28/17 23:59	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		08/24/17 14:21	08/28/17 23:59	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		08/24/17 14:21	08/28/17 23:59	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		08/24/17 14:21	08/28/17 23:59	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		08/24/17 14:21	08/28/17 23:59	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		08/24/17 14:21	08/28/17 23:59	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		08/24/17 14:21	08/28/17 23:59	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		08/24/17 14:21	08/28/17 23:59	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		08/24/17 14:21	08/28/17 23:59	1
2-Chlorophenol	ND		5.0	0.53	ug/L		08/24/17 14:21	08/28/17 23:59	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/24/17 14:21	08/28/17 23:59	1
2-Methylphenol	ND		5.0	0.40	ug/L		08/24/17 14:21	08/28/17 23:59	1
2-Nitroaniline	ND		10	0.42	ug/L		08/24/17 14:21	08/28/17 23:59	1
2-Nitrophenol	ND		5.0	0.48	ug/L		08/24/17 14:21	08/28/17 23:59	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		08/24/17 14:21	08/28/17 23:59	1
3-Nitroaniline	ND		10	0.48	ug/L		08/24/17 14:21	08/28/17 23:59	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		08/24/17 14:21	08/28/17 23:59	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		08/24/17 14:21	08/28/17 23:59	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		08/24/17 14:21	08/28/17 23:59	1
4-Chloroaniline	ND		5.0	0.59	ug/L		08/24/17 14:21	08/28/17 23:59	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		08/24/17 14:21	08/28/17 23:59	1
4-Methylphenol	ND		10	0.36	ug/L		08/24/17 14:21	08/28/17 23:59	1
4-Nitroaniline	ND		10	0.25	ug/L		08/24/17 14:21	08/28/17 23:59	1
4-Nitrophenol	ND		10	1.5	ug/L		08/24/17 14:21	08/28/17 23:59	1
Acenaphthene	ND		5.0	0.41	ug/L		08/24/17 14:21	08/28/17 23:59	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/24/17 14:21	08/28/17 23:59	1
Acetophenone	ND		5.0	0.54	ug/L		08/24/17 14:21	08/28/17 23:59	1
Anthracene	ND		5.0	0.28	ug/L		08/24/17 14:21	08/28/17 23:59	1
Atrazine	ND		5.0	0.46	ug/L		08/24/17 14:21	08/28/17 23:59	1
Benzaldehyde	ND		5.0	0.27	ug/L		08/24/17 14:21	08/28/17 23:59	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		08/24/17 14:21	08/28/17 23:59	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		08/24/17 14:21	08/28/17 23:59	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		08/24/17 14:21	08/28/17 23:59	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		08/24/17 14:21	08/28/17 23:59	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		08/24/17 14:21	08/28/17 23:59	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		08/24/17 14:21	08/28/17 23:59	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		08/24/17 14:21	08/28/17 23:59	1
Bis(2-ethylhexyl) phthalate	ND *		5.0	2.2	ug/L		08/24/17 14:21	08/28/17 23:59	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		08/24/17 14:21	08/28/17 23:59	1
Caprolactam	ND		5.0	2.2	ug/L		08/24/17 14:21	08/28/17 23:59	1
Carbazole	ND		5.0	0.30	ug/L		08/24/17 14:21	08/28/17 23:59	1
Chrysene	ND		5.0	0.33	ug/L		08/24/17 14:21	08/28/17 23:59	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		08/24/17 14:21	08/28/17 23:59	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123050-1

Client Sample ID: NS-OW-34-GW

Lab Sample ID: 480-123050-1

Date Collected: 08/22/17 10:20

Matrix: Water

Date Received: 08/22/17 16:47

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		08/24/17 14:21	08/28/17 23:59	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/24/17 14:21	08/28/17 23:59	1
Dibenzofuran	ND		10	0.51	ug/L		08/24/17 14:21	08/28/17 23:59	1
Diethyl phthalate	ND		5.0	0.22	ug/L		08/24/17 14:21	08/28/17 23:59	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		08/24/17 14:21	08/28/17 23:59	1
Fluoranthene	ND		5.0	0.40	ug/L		08/24/17 14:21	08/28/17 23:59	1
Fluorene	ND		5.0	0.36	ug/L		08/24/17 14:21	08/28/17 23:59	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		08/24/17 14:21	08/28/17 23:59	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		08/24/17 14:21	08/28/17 23:59	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		08/24/17 14:21	08/28/17 23:59	1
Hexachloroethane	ND		5.0	0.59	ug/L		08/24/17 14:21	08/28/17 23:59	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		08/24/17 14:21	08/28/17 23:59	1
Isophorone	ND		5.0	0.43	ug/L		08/24/17 14:21	08/28/17 23:59	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		08/24/17 14:21	08/28/17 23:59	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		08/24/17 14:21	08/28/17 23:59	1
Naphthalene	ND		5.0	0.76	ug/L		08/24/17 14:21	08/28/17 23:59	1
Nitrobenzene	ND		5.0	0.29	ug/L		08/24/17 14:21	08/28/17 23:59	1
Pentachlorophenol	ND		10	2.2	ug/L		08/24/17 14:21	08/28/17 23:59	1
Phenanthrene	ND		5.0	0.44	ug/L		08/24/17 14:21	08/28/17 23:59	1
Phenol	ND		5.0	0.39	ug/L		08/24/17 14:21	08/28/17 23:59	1
Pyrene	ND		5.0	0.34	ug/L		08/24/17 14:21	08/28/17 23:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	101		41 - 120	08/24/17 14:21	08/28/17 23:59	1
2-Fluorobiphenyl	88		48 - 120	08/24/17 14:21	08/28/17 23:59	1
2-Fluorophenol	65		35 - 120	08/24/17 14:21	08/28/17 23:59	1
Nitrobenzene-d5	95		46 - 120	08/24/17 14:21	08/28/17 23:59	1
p-Terphenyl-d14	87		59 - 136	08/24/17 14:21	08/28/17 23:59	1
Phenol-d5	46		22 - 120	08/24/17 14:21	08/28/17 23:59	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		08/25/17 07:30	08/25/17 16:20	1
4,4'-DDE	ND		0.050	0.012	ug/L		08/25/17 07:30	08/25/17 16:20	1
4,4'-DDT	0.013	J	0.050	0.011	ug/L		08/25/17 07:30	08/25/17 16:20	1
Aldrin	ND		0.050	0.0081	ug/L		08/25/17 07:30	08/25/17 16:20	1
alpha-BHC	ND		0.050	0.0077	ug/L		08/25/17 07:30	08/25/17 16:20	1
alpha-Chlordane	ND		0.050	0.015	ug/L		08/25/17 07:30	08/25/17 16:20	1
beta-BHC	ND		0.050	0.025	ug/L		08/25/17 07:30	08/25/17 16:20	1
delta-BHC	ND		0.050	0.010	ug/L		08/25/17 07:30	08/25/17 16:20	1
Dieldrin	ND		0.050	0.0098	ug/L		08/25/17 07:30	08/25/17 16:20	1
Endosulfan I	ND		0.050	0.011	ug/L		08/25/17 07:30	08/25/17 16:20	1
Endosulfan II	ND		0.050	0.012	ug/L		08/25/17 07:30	08/25/17 16:20	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		08/25/17 07:30	08/25/17 16:20	1
Endrin	ND		0.050	0.014	ug/L		08/25/17 07:30	08/25/17 16:20	1
Endrin aldehyde	ND		0.050	0.016	ug/L		08/25/17 07:30	08/25/17 16:20	1
Endrin ketone	ND		0.050	0.012	ug/L		08/25/17 07:30	08/25/17 16:20	1
gamma-BHC (Lindane)	0.012	J	0.050	0.0080	ug/L		08/25/17 07:30	08/25/17 16:20	1
gamma-Chlordane	ND		0.050	0.011	ug/L		08/25/17 07:30	08/25/17 16:20	1
Heptachlor	ND		0.050	0.0085	ug/L		08/25/17 07:30	08/25/17 16:20	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123050-1

Client Sample ID: NS-OW-34-GW

Lab Sample ID: 480-123050-1

Date Collected: 08/22/17 10:20

Matrix: Water

Date Received: 08/22/17 16:47

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		0.050	0.0074	ug/L		08/25/17 07:30	08/25/17 16:20	1
Methoxychlor	ND		0.050	0.014	ug/L		08/25/17 07:30	08/25/17 16:20	1
Toxaphene	ND		0.50	0.12	ug/L		08/25/17 07:30	08/25/17 16:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	71		20 - 120	08/25/17 07:30	08/25/17 16:20	1
DCB Decachlorobiphenyl	24		20 - 120	08/25/17 07:30	08/25/17 16:20	1
Tetrachloro-m-xylene	99		44 - 120	08/25/17 07:30	08/25/17 16:20	1
Tetrachloro-m-xylene	88		44 - 120	08/25/17 07:30	08/25/17 16:20	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		08/23/17 14:55	08/24/17 18:50	1
PCB-1221	ND		0.50	0.18	ug/L		08/23/17 14:55	08/24/17 18:50	1
PCB-1232	ND		0.50	0.18	ug/L		08/23/17 14:55	08/24/17 18:50	1
PCB-1242	ND		0.50	0.18	ug/L		08/23/17 14:55	08/24/17 18:50	1
PCB-1248	ND		0.50	0.18	ug/L		08/23/17 14:55	08/24/17 18:50	1
PCB-1254	ND		0.50	0.25	ug/L		08/23/17 14:55	08/24/17 18:50	1
PCB-1260	ND		0.50	0.25	ug/L		08/23/17 14:55	08/24/17 18:50	1
PCB-1262	ND		0.50	0.25	ug/L		08/23/17 14:55	08/24/17 18:50	1
PCB-1268	ND		0.50	0.25	ug/L		08/23/17 14:55	08/24/17 18:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	93		39 - 121	08/23/17 14:55	08/24/17 18:50	1
Tetrachloro-m-xylene	73		39 - 121	08/23/17 14:55	08/24/17 18:50	1
DCB Decachlorobiphenyl	73		19 - 120	08/23/17 14:55	08/24/17 18:50	1
DCB Decachlorobiphenyl	62		19 - 120	08/23/17 14:55	08/24/17 18:50	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/25/17 11:14	08/25/17 17:15	1
Antimony	ND		0.020	0.0068	mg/L		08/25/17 11:14	08/25/17 17:15	1
Arsenic	0.0077	J	0.015	0.0056	mg/L		08/25/17 11:14	08/25/17 17:15	1
Barium	0.15		0.0020	0.00070	mg/L		08/25/17 11:14	08/25/17 17:15	1
Beryllium	ND		0.0020	0.00030	mg/L		08/25/17 11:14	08/25/17 17:15	1
Cadmium	ND		0.0020	0.00050	mg/L		08/25/17 11:14	08/25/17 17:15	1
Calcium	209		0.50	0.10	mg/L		08/25/17 11:14	08/25/17 17:15	1
Chromium	ND		0.0040	0.0010	mg/L		08/25/17 11:14	08/25/17 17:15	1
Cobalt	0.00072	J	0.0040	0.00063	mg/L		08/25/17 11:14	08/25/17 17:15	1
Copper	ND		0.010	0.0016	mg/L		08/25/17 11:14	08/25/17 17:15	1
Iron	3.9		0.050	0.019	mg/L		08/25/17 11:14	08/25/17 17:15	1
Lead	ND		0.010	0.0030	mg/L		08/25/17 11:14	08/25/17 17:15	1
Magnesium	34.8		0.20	0.043	mg/L		08/25/17 11:14	08/25/17 17:15	1
Manganese	0.49	B	0.0030	0.00040	mg/L		08/25/17 11:14	08/25/17 17:15	1
Nickel	ND		0.010	0.0013	mg/L		08/25/17 11:14	08/25/17 17:15	1
Potassium	10.9		0.50	0.10	mg/L		08/25/17 11:14	08/25/17 17:15	1
Selenium	ND		0.025	0.0087	mg/L		08/25/17 11:14	08/25/17 17:15	1
Silver	ND		0.0060	0.0017	mg/L		08/25/17 11:14	08/25/17 17:15	1
Sodium	56.9		1.0	0.32	mg/L		08/25/17 11:14	08/25/17 17:15	1
Thallium	ND		0.020	0.010	mg/L		08/25/17 11:14	08/25/17 17:15	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123050-1

Client Sample ID: NS-OW-34-GW

Lab Sample ID: 480-123050-1

Date Collected: 08/22/17 10:20

Matrix: Water

Date Received: 08/22/17 16:47

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	ND		0.0050	0.0015	mg/L		08/25/17 11:14	08/25/17 17:15	1
Zinc	0.0090	J	0.010	0.0015	mg/L		08/25/17 11:14	08/25/17 17:15	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/25/17 08:00	08/25/17 20:10	1
Antimony	ND		0.020	0.0068	mg/L		08/25/17 08:00	08/25/17 20:10	1
Arsenic	ND		0.015	0.0056	mg/L		08/25/17 08:00	08/25/17 20:10	1
Barium	0.13		0.0020	0.00070	mg/L		08/25/17 08:00	08/25/17 20:10	1
Beryllium	ND		0.0020	0.00030	mg/L		08/25/17 08:00	08/25/17 20:10	1
Cadmium	ND		0.0020	0.00050	mg/L		08/25/17 08:00	08/25/17 20:10	1
Calcium	202		0.50	0.10	mg/L		08/25/17 08:00	08/25/17 20:10	1
Chromium	ND		0.0040	0.0010	mg/L		08/25/17 08:00	08/25/17 20:10	1
Cobalt	0.00072	J	0.0040	0.00063	mg/L		08/25/17 08:00	08/25/17 20:10	1
Copper	0.0030	J B	0.010	0.0016	mg/L		08/25/17 08:00	08/25/17 20:10	1
Iron	0.63		0.050	0.019	mg/L		08/25/17 08:00	08/25/17 20:10	1
Lead	0.0042	J	0.010	0.0030	mg/L		08/25/17 08:00	08/25/17 20:10	1
Magnesium	33.8		0.20	0.043	mg/L		08/25/17 08:00	08/25/17 20:10	1
Manganese	0.46	B	0.0030	0.00040	mg/L		08/25/17 08:00	08/25/17 20:10	1
Nickel	ND		0.010	0.0013	mg/L		08/25/17 08:00	08/25/17 20:10	1
Potassium	10.6		0.50	0.10	mg/L		08/25/17 08:00	08/25/17 20:10	1
Selenium	ND		0.025	0.0087	mg/L		08/25/17 08:00	08/25/17 20:10	1
Silver	ND		0.0060	0.0017	mg/L		08/25/17 08:00	08/25/17 20:10	1
Sodium	55.8		1.0	0.32	mg/L		08/25/17 08:00	08/25/17 20:10	1
Thallium	ND		0.020	0.010	mg/L		08/25/17 08:00	08/25/17 20:10	1
Vanadium	ND		0.0050	0.0015	mg/L		08/25/17 08:00	08/25/17 20:10	1
Zinc	0.011	B	0.010	0.0015	mg/L		08/31/17 10:49	08/31/17 16:42	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/24/17 10:50	08/24/17 14:24	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/25/17 11:35	08/25/17 15:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.0		2.5	1.4	mg/L			08/28/17 20:48	5
Sulfate	178		10.0	1.7	mg/L			08/28/17 20:48	5
Alkalinity, Total	610		5.0	0.79	mg/L			08/24/17 17:25	1

TestAmerica Buffalo

Well OW-35

Client Sample Results

Client: New York State D.E.C.
Project/Site: NYSDEC - Nash Rd. LF: Site# 932054

TestAmerica Job ID: 480-60169-1

Client Sample ID: OW-35

Date Collected: 05/19/14 11:50

Date Received: 05/19/14 18:45

Lab Sample ID: 480-60169-1

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	4.1	ug/L			05/21/14 17:58	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			05/21/14 17:58	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			05/21/14 17:58	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			05/21/14 17:58	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			05/21/14 17:58	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			05/21/14 17:58	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			05/21/14 17:58	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			05/21/14 17:58	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			05/21/14 17:58	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			05/21/14 17:58	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			05/21/14 17:58	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			05/21/14 17:58	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			05/21/14 17:58	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			05/21/14 17:58	5
2-Butanone (MEK)	ND		50	6.6	ug/L			05/21/14 17:58	5
2-Hexanone	ND		25	6.2	ug/L			05/21/14 17:58	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			05/21/14 17:58	5
Acetone	ND		50	15	ug/L			05/21/14 17:58	5
Benzene	3.8	J	5.0	2.1	ug/L			05/21/14 17:58	5
Bromodichloromethane	ND	*	5.0	2.0	ug/L			05/21/14 17:58	5
Bromoform	ND		5.0	1.3	ug/L			05/21/14 17:58	5
Bromomethane	ND		5.0	3.5	ug/L			05/21/14 17:58	5
Carbon disulfide	ND		5.0	0.95	ug/L			05/21/14 17:58	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			05/21/14 17:58	5
Chlorobenzene	80		5.0	3.8	ug/L			05/21/14 17:58	5
Chloroethane	ND		5.0	1.6	ug/L			05/21/14 17:58	5
Chloroform	ND		5.0	1.7	ug/L			05/21/14 17:58	5
Chloromethane	ND		5.0	1.8	ug/L			05/21/14 17:58	5
cis-1,2-Dichloroethene	ND		5.0	4.1	ug/L			05/21/14 17:58	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			05/21/14 17:58	5
Cyclohexane	ND		5.0	0.90	ug/L			05/21/14 17:58	5
Dibromochloromethane	ND		5.0	1.6	ug/L			05/21/14 17:58	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			05/21/14 17:58	5
Ethylbenzene	ND		5.0	3.7	ug/L			05/21/14 17:58	5
Isopropylbenzene	ND		5.0	4.0	ug/L			05/21/14 17:58	5
Methyl acetate	ND		13	2.5	ug/L			05/21/14 17:58	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			05/21/14 17:58	5
Methylcyclohexane	ND		5.0	0.80	ug/L			05/21/14 17:58	5
Methylene Chloride	ND		5.0	2.2	ug/L			05/21/14 17:58	5
Styrene	ND		5.0	3.7	ug/L			05/21/14 17:58	5
Tetrachloroethene	ND		5.0	1.8	ug/L			05/21/14 17:58	5
Toluene	ND		5.0	2.6	ug/L			05/21/14 17:58	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			05/21/14 17:58	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			05/21/14 17:58	5
Trichloroethene	ND		5.0	2.3	ug/L			05/21/14 17:58	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			05/21/14 17:58	5
Vinyl chloride	ND		5.0	4.5	ug/L			05/21/14 17:58	5
Xylenes, Total	ND		10	3.3	ug/L			05/21/14 17:58	5

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: NYSDEC - Nash Rd. LF: Site# 932054

TestAmerica Job ID: 480-60169-1

Client Sample ID: OW-35

Date Collected: 05/19/14 11:50

Date Received: 05/19/14 18:45

Lab Sample ID: 480-60169-1

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		66 - 137		05/21/14 17:58	5
4-Bromofluorobenzene (Surr)	91		73 - 120		05/21/14 17:58	5
Toluene-d8 (Surr)	96		71 - 126		05/21/14 17:58	5

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		4.8	0.63	ug/L		05/21/14 11:27	05/31/14 03:35	1
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		05/21/14 11:27	05/31/14 03:35	1
2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L		05/21/14 11:27	05/31/14 03:35	1
2,4,6-Trichlorophenol	ND		4.8	0.59	ug/L		05/21/14 11:27	05/31/14 03:35	1
2,4-Dichlorophenol	ND	*	4.8	0.49	ug/L		05/21/14 11:27	05/31/14 03:35	1
2,4-Dimethylphenol	ND		4.8	0.48	ug/L		05/21/14 11:27	05/31/14 03:35	1
2,4-Dinitrophenol	ND		9.7	2.1	ug/L		05/21/14 11:27	05/31/14 03:35	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		05/21/14 11:27	05/31/14 03:35	1
2,6-Dinitrotoluene	ND		4.8	0.39	ug/L		05/21/14 11:27	05/31/14 03:35	1
2-Chloronaphthalene	ND		4.8	0.44	ug/L		05/21/14 11:27	05/31/14 03:35	1
2-Chlorophenol	0.68	J	4.8	0.51	ug/L		05/21/14 11:27	05/31/14 03:35	1
2-Methylnaphthalene	ND		4.8	0.58	ug/L		05/21/14 11:27	05/31/14 03:35	1
2-Methylphenol	ND		4.8	0.39	ug/L		05/21/14 11:27	05/31/14 03:35	1
2-Nitroaniline	ND		9.7	0.41	ug/L		05/21/14 11:27	05/31/14 03:35	1
2-Nitrophenol	ND		4.8	0.46	ug/L		05/21/14 11:27	05/31/14 03:35	1
3,3'-Dichlorobenzidine	ND		4.8	0.39	ug/L		05/21/14 11:27	05/31/14 03:35	1
3-Nitroaniline	ND	*	9.7	0.46	ug/L		05/21/14 11:27	05/31/14 03:35	1
4,6-Dinitro-2-methylphenol	ND		9.7	2.1	ug/L		05/21/14 11:27	05/31/14 03:35	1
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L		05/21/14 11:27	05/31/14 03:35	1
4-Chloro-3-methylphenol	ND		4.8	0.43	ug/L		05/21/14 11:27	05/31/14 03:35	1
4-Chloroaniline	ND		4.8	0.57	ug/L		05/21/14 11:27	05/31/14 03:35	1
4-Chlorophenyl phenyl ether	ND		4.8	0.34	ug/L		05/21/14 11:27	05/31/14 03:35	1
4-Methylphenol	2.8	J * B	9.7	0.35	ug/L		05/21/14 11:27	05/31/14 03:35	1
4-Nitroaniline	ND		9.7	0.24	ug/L		05/21/14 11:27	05/31/14 03:35	1
4-Nitrophenol	ND		9.7	1.5	ug/L		05/21/14 11:27	05/31/14 03:35	1
Acenaphthene	ND		4.8	0.40	ug/L		05/21/14 11:27	05/31/14 03:35	1
Acenaphthylene	ND		4.8	0.37	ug/L		05/21/14 11:27	05/31/14 03:35	1
Acetophenone	ND		4.8	0.52	ug/L		05/21/14 11:27	05/31/14 03:35	1
Anthracene	ND		4.8	0.27	ug/L		05/21/14 11:27	05/31/14 03:35	1
Atrazine	ND		4.8	0.44	ug/L		05/21/14 11:27	05/31/14 03:35	1
Benzaldehyde	0.39	J B	4.8	0.26	ug/L		05/21/14 11:27	05/31/14 03:35	1
Benzo(a)anthracene	ND		4.8	0.35	ug/L		05/21/14 11:27	05/31/14 03:35	1
Benzo(a)pyrene	ND		4.8	0.45	ug/L		05/21/14 11:27	05/31/14 03:35	1
Benzo(b)fluoranthene	ND		4.8	0.33	ug/L		05/21/14 11:27	05/31/14 03:35	1
Benzo(g,h,i)perylene	ND		4.8	0.34	ug/L		05/21/14 11:27	05/31/14 03:35	1
Benzo(k)fluoranthene	ND		4.8	0.71	ug/L		05/21/14 11:27	05/31/14 03:35	1
Bis(2-chloroethoxy)methane	ND		4.8	0.34	ug/L		05/21/14 11:27	05/31/14 03:35	1
Bis(2-chloroethyl)ether	ND		4.8	0.39	ug/L		05/21/14 11:27	05/31/14 03:35	1
Bis(2-ethylhexyl) phthalate	ND		4.8	1.7	ug/L		05/21/14 11:27	05/31/14 03:35	1
Butyl benzyl phthalate	ND		4.8	0.41	ug/L		05/21/14 11:27	05/31/14 03:35	1
Caprolactam	ND		4.8	2.1	ug/L		05/21/14 11:27	05/31/14 03:35	1
Carbazole	ND		4.8	0.29	ug/L		05/21/14 11:27	05/31/14 03:35	1
Chrysene	ND		4.8	0.32	ug/L		05/21/14 11:27	05/31/14 03:35	1
Di-n-butyl phthalate	0.63	J B	4.8	0.30	ug/L		05/21/14 11:27	05/31/14 03:35	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: NYSDEC - Nash Rd. LF: Site# 932054

TestAmerica Job ID: 480-60169-1

Client Sample ID: OW-35

Lab Sample ID: 480-60169-1

Date Collected: 05/19/14 11:50

Matrix: Water

Date Received: 05/19/14 18:45

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		4.8	0.45	ug/L		05/21/14 11:27	05/31/14 03:35	1
Dibenz(a,h)anthracene	ND		4.8	0.41	ug/L		05/21/14 11:27	05/31/14 03:35	1
Dibenzofuran	ND		9.7	0.49	ug/L		05/21/14 11:27	05/31/14 03:35	1
Diethyl phthalate	ND		4.8	0.21	ug/L		05/21/14 11:27	05/31/14 03:35	1
Dimethyl phthalate	ND		4.8	0.35	ug/L		05/21/14 11:27	05/31/14 03:35	1
Fluoranthene	ND		4.8	0.39	ug/L		05/21/14 11:27	05/31/14 03:35	1
Fluorene	ND		4.8	0.35	ug/L		05/21/14 11:27	05/31/14 03:35	1
Hexachlorobenzene	ND *		4.8	0.49	ug/L		05/21/14 11:27	05/31/14 03:35	1
Hexachlorobutadiene	ND		4.8	0.66	ug/L		05/21/14 11:27	05/31/14 03:35	1
Hexachlorocyclopentadiene	ND		4.8	0.57	ug/L		05/21/14 11:27	05/31/14 03:35	1
Hexachloroethane	ND		4.8	0.57	ug/L		05/21/14 11:27	05/31/14 03:35	1
Indeno(1,2,3-cd)pyrene	ND *		4.8	0.45	ug/L		05/21/14 11:27	05/31/14 03:35	1
Isophorone	ND		4.8	0.42	ug/L		05/21/14 11:27	05/31/14 03:35	1
N-Nitrosodi-n-propylamine	ND		4.8	0.52	ug/L		05/21/14 11:27	05/31/14 03:35	1
N-Nitrosodiphenylamine	ND		4.8	0.49	ug/L		05/21/14 11:27	05/31/14 03:35	1
Naphthalene	ND		4.8	0.73	ug/L		05/21/14 11:27	05/31/14 03:35	1
Nitrobenzene	ND		4.8	0.28	ug/L		05/21/14 11:27	05/31/14 03:35	1
Pentachlorophenol	ND		9.7	2.1	ug/L		05/21/14 11:27	05/31/14 03:35	1
Phenanthrene	0.62 J		4.8	0.43	ug/L		05/21/14 11:27	05/31/14 03:35	1
Phenol	ND		4.8	0.38	ug/L		05/21/14 11:27	05/31/14 03:35	1
Pyrene	ND		4.8	0.33	ug/L		05/21/14 11:27	05/31/14 03:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	111		52 - 132	05/21/14 11:27	05/31/14 03:35	1
2-Fluorobiphenyl	84		48 - 120	05/21/14 11:27	05/31/14 03:35	1
2-Fluorophenol	58		20 - 120	05/21/14 11:27	05/31/14 03:35	1
Nitrobenzene-d5	77		46 - 120	05/21/14 11:27	05/31/14 03:35	1
p-Terphenyl-d14	104		67 - 150	05/21/14 11:27	05/31/14 03:35	1
Phenol-d5	52		16 - 120	05/21/14 11:27	05/31/14 03:35	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.016 J		0.048	0.0089	ug/L		05/21/14 06:23	05/22/14 17:28	1
4,4'-DDE	0.019 J		0.048	0.011	ug/L		05/21/14 06:23	05/22/14 17:28	1
4,4'-DDT	0.025 J		0.048	0.011	ug/L		05/21/14 06:23	05/22/14 17:28	1
Aldrin	ND		0.048	0.0078	ug/L		05/21/14 06:23	05/22/14 17:28	1
alpha-BHC	0.013 J		0.048	0.0074	ug/L		05/21/14 06:23	05/22/14 17:28	1
alpha-Chlordane	ND		0.048	0.014	ug/L		05/21/14 06:23	05/22/14 17:28	1
beta-BHC	ND		0.048	0.024	ug/L		05/21/14 06:23	05/22/14 17:28	1
delta-BHC	ND		0.048	0.0096	ug/L		05/21/14 06:23	05/22/14 17:28	1
Dieldrin	ND		0.048	0.0094	ug/L		05/21/14 06:23	05/22/14 17:28	1
Endosulfan I	ND		0.048	0.011	ug/L		05/21/14 06:23	05/22/14 17:28	1
Endosulfan II	ND		0.048	0.012	ug/L		05/21/14 06:23	05/22/14 17:28	1
Endosulfan sulfate	ND		0.048	0.015	ug/L		05/21/14 06:23	05/22/14 17:28	1
Endrin	ND		0.048	0.013	ug/L		05/21/14 06:23	05/22/14 17:28	1
Endrin aldehyde	ND		0.048	0.016	ug/L		05/21/14 06:23	05/22/14 17:28	1
Endrin ketone	ND		0.048	0.012	ug/L		05/21/14 06:23	05/22/14 17:28	1
gamma-BHC (Lindane)	0.026 J		0.048	0.0077	ug/L		05/21/14 06:23	05/22/14 17:28	1
gamma-Chlordane	0.011 J		0.048	0.011	ug/L		05/21/14 06:23	05/22/14 17:28	1
Heptachlor	ND		0.048	0.0082	ug/L		05/21/14 06:23	05/22/14 17:28	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: NYSDEC - Nash Rd. LF: Site# 932054

TestAmerica Job ID: 480-60169-1

Client Sample ID: OW-35

Date Collected: 05/19/14 11:50

Date Received: 05/19/14 18:45

Lab Sample ID: 480-60169-1

Matrix: Water

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		0.048	0.0071	ug/L		05/21/14 06:23	05/22/14 17:28	1
Methoxychlor	ND		0.048	0.014	ug/L		05/21/14 06:23	05/22/14 17:28	1
Toxaphene	ND		0.48	0.12	ug/L		05/21/14 06:23	05/22/14 17:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	43		20 - 120				05/21/14 06:23	05/22/14 17:28	1
DCB Decachlorobiphenyl	48		20 - 120				05/21/14 06:23	05/22/14 17:28	1
Tetrachloro-m-xylene	86		36 - 120				05/21/14 06:23	05/22/14 17:28	1
Tetrachloro-m-xylene	80		36 - 120				05/21/14 06:23	05/22/14 17:28	1

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		0.48	0.14	ug/L		05/22/14 06:55	05/29/14 09:20	1
Silvex (2,4,5-TP)	ND		0.48	0.35	ug/L		05/22/14 06:55	05/29/14 09:20	1
2,4-D	ND		0.48	0.38	ug/L		05/22/14 06:55	05/29/14 09:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	93		40 - 135				05/22/14 06:55	05/29/14 09:20	1
2,4-Dichlorophenylacetic acid	91		40 - 135				05/22/14 06:55	05/29/14 09:20	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0095	J	0.015	0.0056	mg/L		05/21/14 09:15	05/21/14 21:59	1
Barium	0.54		0.0020	0.00070	mg/L		05/21/14 09:15	05/21/14 21:59	1
Cadmium	ND		0.0020	0.00050	mg/L		05/21/14 09:15	05/21/14 21:59	1
Chromium	ND		0.0040	0.0010	mg/L		05/21/14 09:15	05/21/14 21:59	1
Lead	ND		0.010	0.0030	mg/L		05/21/14 09:15	05/21/14 21:59	1
Selenium	ND		0.025	0.0087	mg/L		05/21/14 09:15	05/21/14 21:59	1
Silver	ND		0.0060	0.0017	mg/L		05/21/14 09:15	05/21/14 21:59	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/21/14 09:40	05/21/14 16:03	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123420-1

Client Sample ID: NS-OW35-GW

Lab Sample ID: 480-123420-2

Date Collected: 08/30/17 10:35

Matrix: Water

Date Received: 08/30/17 17:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			09/06/17 00:10	2
1,1,2,2-Tetrachloroethane	ND	*	2.0	0.42	ug/L			09/06/17 00:10	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			09/06/17 00:10	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			09/06/17 00:10	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			09/06/17 00:10	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			09/06/17 00:10	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			09/06/17 00:10	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			09/06/17 00:10	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			09/06/17 00:10	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			09/06/17 00:10	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			09/06/17 00:10	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			09/06/17 00:10	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			09/06/17 00:10	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			09/06/17 00:10	2
2-Butanone (MEK)	ND		20	2.6	ug/L			09/06/17 00:10	2
2-Hexanone	ND		10	2.5	ug/L			09/06/17 00:10	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			09/06/17 00:10	2
Acetone	ND		20	6.0	ug/L			09/06/17 00:10	2
Benzene	4.9		2.0	0.82	ug/L			09/06/17 00:10	2
Bromodichloromethane	ND		2.0	0.78	ug/L			09/06/17 00:10	2
Bromoform	ND		2.0	0.52	ug/L			09/06/17 00:10	2
Bromomethane	ND		2.0	1.4	ug/L			09/06/17 00:10	2
Carbon disulfide	ND		2.0	0.38	ug/L			09/06/17 00:10	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			09/06/17 00:10	2
Chlorobenzene	78		2.0	1.5	ug/L			09/06/17 00:10	2
Chloroethane	ND		2.0	0.64	ug/L			09/06/17 00:10	2
Chloroform	ND		2.0	0.68	ug/L			09/06/17 00:10	2
Chloromethane	ND		2.0	0.70	ug/L			09/06/17 00:10	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			09/06/17 00:10	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			09/06/17 00:10	2
Cyclohexane	ND		2.0	0.36	ug/L			09/06/17 00:10	2
Dibromochloromethane	ND		2.0	0.64	ug/L			09/06/17 00:10	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			09/06/17 00:10	2
Ethylbenzene	ND		2.0	1.5	ug/L			09/06/17 00:10	2
Isopropylbenzene	ND		2.0	1.6	ug/L			09/06/17 00:10	2
Methyl acetate	ND		5.0	2.6	ug/L			09/06/17 00:10	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			09/06/17 00:10	2
Methylcyclohexane	ND		2.0	0.32	ug/L			09/06/17 00:10	2
Methylene Chloride	ND		2.0	0.88	ug/L			09/06/17 00:10	2
Styrene	ND		2.0	1.5	ug/L			09/06/17 00:10	2
Tetrachloroethene	ND		2.0	0.72	ug/L			09/06/17 00:10	2
Toluene	ND		2.0	1.0	ug/L			09/06/17 00:10	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			09/06/17 00:10	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			09/06/17 00:10	2
Trichloroethene	ND		2.0	0.92	ug/L			09/06/17 00:10	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			09/06/17 00:10	2
Vinyl chloride	ND		2.0	1.8	ug/L			09/06/17 00:10	2
Xylenes, Total	ND		4.0	1.3	ug/L			09/06/17 00:10	2

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123420-1

Client Sample ID: NS-OW35-GW

Lab Sample ID: 480-123420-2

Date Collected: 08/30/17 10:35

Matrix: Water

Date Received: 08/30/17 17:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		09/06/17 00:10	2
4-Bromofluorobenzene (Surr)	98		73 - 120		09/06/17 00:10	2
Toluene-d8 (Surr)	101		80 - 120		09/06/17 00:10	2

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.4	0.71	ug/L		09/01/17 07:13	09/05/17 17:09	1
bis (2-chloroisopropyl) ether	ND		5.4	0.57	ug/L		09/01/17 07:13	09/05/17 17:09	1
2,4,5-Trichlorophenol	ND		5.4	0.52	ug/L		09/01/17 07:13	09/05/17 17:09	1
2,4,6-Trichlorophenol	ND	F1	5.4	0.66	ug/L		09/01/17 07:13	09/05/17 17:09	1
2,4-Dichlorophenol	ND		5.4	0.55	ug/L		09/01/17 07:13	09/05/17 17:09	1
2,4-Dimethylphenol	ND		5.4	0.54	ug/L		09/01/17 07:13	09/05/17 17:09	1
2,4-Dinitrophenol	ND		11	2.4	ug/L		09/01/17 07:13	09/05/17 17:09	1
2,4-Dinitrotoluene	ND		5.4	0.49	ug/L		09/01/17 07:13	09/05/17 17:09	1
2,6-Dinitrotoluene	ND	F2	5.4	0.43	ug/L		09/01/17 07:13	09/05/17 17:09	1
2-Chloronaphthalene	ND		5.4	0.50	ug/L		09/01/17 07:13	09/05/17 17:09	1
2-Chlorophenol	ND		5.4	0.58	ug/L		09/01/17 07:13	09/05/17 17:09	1
2-Methylnaphthalene	ND		5.4	0.65	ug/L		09/01/17 07:13	09/05/17 17:09	1
2-Methylphenol	ND		5.4	0.43	ug/L		09/01/17 07:13	09/05/17 17:09	1
2-Nitroaniline	ND	F2	11	0.46	ug/L		09/01/17 07:13	09/05/17 17:09	1
2-Nitrophenol	ND		5.4	0.52	ug/L		09/01/17 07:13	09/05/17 17:09	1
3,3'-Dichlorobenzidine	ND	* F1 F2	5.4	0.43	ug/L		09/01/17 07:13	09/05/17 17:09	1
3-Nitroaniline	ND	F2	11	0.52	ug/L		09/01/17 07:13	09/05/17 17:09	1
4,6-Dinitro-2-methylphenol	ND	*	11	2.4	ug/L		09/01/17 07:13	09/05/17 17:09	1
4-Bromophenyl phenyl ether	ND		5.4	0.49	ug/L		09/01/17 07:13	09/05/17 17:09	1
4-Chloro-3-methylphenol	ND		5.4	0.49	ug/L		09/01/17 07:13	09/05/17 17:09	1
4-Chloroaniline	ND		5.4	0.64	ug/L		09/01/17 07:13	09/05/17 17:09	1
4-Chlorophenyl phenyl ether	ND		5.4	0.38	ug/L		09/01/17 07:13	09/05/17 17:09	1
4-Methylphenol	ND		11	0.39	ug/L		09/01/17 07:13	09/05/17 17:09	1
4-Nitroaniline	ND		11	0.27	ug/L		09/01/17 07:13	09/05/17 17:09	1
4-Nitrophenol	ND	F1 F2	11	1.7	ug/L		09/01/17 07:13	09/05/17 17:09	1
Acenaphthene	ND		5.4	0.45	ug/L		09/01/17 07:13	09/05/17 17:09	1
Acenaphthylene	ND		5.4	0.41	ug/L		09/01/17 07:13	09/05/17 17:09	1
Acetophenone	ND		5.4	0.59	ug/L		09/01/17 07:13	09/05/17 17:09	1
Anthracene	ND		5.4	0.30	ug/L		09/01/17 07:13	09/05/17 17:09	1
Atrazine	ND		5.4	0.50	ug/L		09/01/17 07:13	09/05/17 17:09	1
Benzaldehyde	0.36	J	5.4	0.29	ug/L		09/01/17 07:13	09/05/17 17:09	1
Benzo(a)anthracene	ND	F2	5.4	0.39	ug/L		09/01/17 07:13	09/05/17 17:09	1
Benzo(a)pyrene	ND	F2	5.4	0.51	ug/L		09/01/17 07:13	09/05/17 17:09	1
Benzo(b)fluoranthene	ND	F2	5.4	0.37	ug/L		09/01/17 07:13	09/05/17 17:09	1
Benzo(g,h,i)perylene	ND	F2	5.4	0.38	ug/L		09/01/17 07:13	09/05/17 17:09	1
Benzo(k)fluoranthene	ND	F2	5.4	0.79	ug/L		09/01/17 07:13	09/05/17 17:09	1
Bis(2-chloroethoxy)methane	ND		5.4	0.38	ug/L		09/01/17 07:13	09/05/17 17:09	1
Bis(2-chloroethyl)ether	ND		5.4	0.43	ug/L		09/01/17 07:13	09/05/17 17:09	1
Bis(2-ethylhexyl) phthalate	ND	F2	5.4	2.4	ug/L		09/01/17 07:13	09/05/17 17:09	1
Butyl benzyl phthalate	ND		5.4	1.1	ug/L		09/01/17 07:13	09/05/17 17:09	1
Caprolactam	ND		5.4	2.4	ug/L		09/01/17 07:13	09/05/17 17:09	1
Carbazole	ND		5.4	0.33	ug/L		09/01/17 07:13	09/05/17 17:09	1
Chrysene	ND	F2	5.4	0.36	ug/L		09/01/17 07:13	09/05/17 17:09	1
Di-n-butyl phthalate	ND		5.4	0.34	ug/L		09/01/17 07:13	09/05/17 17:09	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123420-1

Client Sample ID: NS-OW35-GW

Lab Sample ID: 480-123420-2

Date Collected: 08/30/17 10:35

Matrix: Water

Date Received: 08/30/17 17:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND	F2	5.4	0.51	ug/L		09/01/17 07:13	09/05/17 17:09	1
Dibenz(a,h)anthracene	ND	F2	5.4	0.46	ug/L		09/01/17 07:13	09/05/17 17:09	1
Dibenzofuran	ND		11	0.55	ug/L		09/01/17 07:13	09/05/17 17:09	1
Diethyl phthalate	ND		5.4	0.24	ug/L		09/01/17 07:13	09/05/17 17:09	1
Dimethyl phthalate	ND		5.4	0.39	ug/L		09/01/17 07:13	09/05/17 17:09	1
Fluoranthene	ND		5.4	0.43	ug/L		09/01/17 07:13	09/05/17 17:09	1
Fluorene	ND		5.4	0.39	ug/L		09/01/17 07:13	09/05/17 17:09	1
Hexachlorobenzene	ND		5.4	0.55	ug/L		09/01/17 07:13	09/05/17 17:09	1
Hexachlorobutadiene	ND		5.4	0.74	ug/L		09/01/17 07:13	09/05/17 17:09	1
Hexachlorocyclopentadiene	ND		5.4	0.64	ug/L		09/01/17 07:13	09/05/17 17:09	1
Hexachloroethane	ND		5.4	0.64	ug/L		09/01/17 07:13	09/05/17 17:09	1
Indeno(1,2,3-cd)pyrene	ND	F2	5.4	0.51	ug/L		09/01/17 07:13	09/05/17 17:09	1
Isophorone	ND		5.4	0.47	ug/L		09/01/17 07:13	09/05/17 17:09	1
N-Nitrosodi-n-propylamine	ND		5.4	0.59	ug/L		09/01/17 07:13	09/05/17 17:09	1
N-Nitrosodiphenylamine	ND	F2	5.4	0.55	ug/L		09/01/17 07:13	09/05/17 17:09	1
Naphthalene	ND		5.4	0.83	ug/L		09/01/17 07:13	09/05/17 17:09	1
Nitrobenzene	ND		5.4	0.32	ug/L		09/01/17 07:13	09/05/17 17:09	1
Pentachlorophenol	ND		11	2.4	ug/L		09/01/17 07:13	09/05/17 17:09	1
Phenanthrene	ND		5.4	0.48	ug/L		09/01/17 07:13	09/05/17 17:09	1
Phenol	ND		5.4	0.42	ug/L		09/01/17 07:13	09/05/17 17:09	1
Pyrene	ND		5.4	0.37	ug/L		09/01/17 07:13	09/05/17 17:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	111		41 - 120	09/01/17 07:13	09/05/17 17:09	1
2-Fluorobiphenyl	89		48 - 120	09/01/17 07:13	09/05/17 17:09	1
2-Fluorophenol	67		35 - 120	09/01/17 07:13	09/05/17 17:09	1
Nitrobenzene-d5	96		46 - 120	09/01/17 07:13	09/05/17 17:09	1
p-Terphenyl-d14	70		59 - 136	09/01/17 07:13	09/05/17 17:09	1
Phenol-d5	53		22 - 120	09/01/17 07:13	09/05/17 17:09	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		08/31/17 14:54	09/01/17 13:14	1
4,4'-DDE	ND		0.050	0.012	ug/L		08/31/17 14:54	09/01/17 13:14	1
4,4'-DDT	ND		0.050	0.011	ug/L		08/31/17 14:54	09/01/17 13:14	1
Aldrin	0.0091	J	0.050	0.0081	ug/L		08/31/17 14:54	09/01/17 13:14	1
alpha-BHC	ND		0.050	0.0077	ug/L		08/31/17 14:54	09/01/17 13:14	1
alpha-Chlordane	ND		0.050	0.015	ug/L		08/31/17 14:54	09/01/17 13:14	1
beta-BHC	ND		0.050	0.025	ug/L		08/31/17 14:54	09/01/17 13:14	1
delta-BHC	ND		0.050	0.010	ug/L		08/31/17 14:54	09/01/17 13:14	1
Dieldrin	ND		0.050	0.0098	ug/L		08/31/17 14:54	09/01/17 13:14	1
Endosulfan I	ND		0.050	0.011	ug/L		08/31/17 14:54	09/01/17 13:14	1
Endosulfan II	ND		0.050	0.012	ug/L		08/31/17 14:54	09/01/17 13:14	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		08/31/17 14:54	09/01/17 13:14	1
Endrin	ND		0.050	0.014	ug/L		08/31/17 14:54	09/01/17 13:14	1
Endrin aldehyde	ND		0.050	0.016	ug/L		08/31/17 14:54	09/01/17 13:14	1
Endrin ketone	ND		0.050	0.012	ug/L		08/31/17 14:54	09/01/17 13:14	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		08/31/17 14:54	09/01/17 13:14	1
gamma-Chlordane	ND		0.050	0.011	ug/L		08/31/17 14:54	09/01/17 13:14	1
Heptachlor	ND		0.050	0.0085	ug/L		08/31/17 14:54	09/01/17 13:14	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123420-1

Client Sample ID: NS-OW35-GW

Lab Sample ID: 480-123420-2

Date Collected: 08/30/17 10:35

Matrix: Water

Date Received: 08/30/17 17:00

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		0.050	0.0074	ug/L		08/31/17 14:54	09/01/17 13:14	1
Methoxychlor	ND		0.050	0.014	ug/L		08/31/17 14:54	09/01/17 13:14	1
Toxaphene	ND		0.50	0.12	ug/L		08/31/17 14:54	09/01/17 13:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	70		20 - 120				08/31/17 14:54	09/01/17 13:14	1
DCB Decachlorobiphenyl	64		20 - 120				08/31/17 14:54	09/01/17 13:14	1
Tetrachloro-m-xylene	91		44 - 120				08/31/17 14:54	09/01/17 13:14	1
Tetrachloro-m-xylene	83		44 - 120				08/31/17 14:54	09/01/17 13:14	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		08/31/17 14:38	09/05/17 20:11	1
PCB-1221	ND		0.50	0.18	ug/L		08/31/17 14:38	09/05/17 20:11	1
PCB-1232	ND		0.50	0.18	ug/L		08/31/17 14:38	09/05/17 20:11	1
PCB-1242	ND		0.50	0.18	ug/L		08/31/17 14:38	09/05/17 20:11	1
PCB-1248	ND		0.50	0.18	ug/L		08/31/17 14:38	09/05/17 20:11	1
PCB-1254	ND		0.50	0.25	ug/L		08/31/17 14:38	09/05/17 20:11	1
PCB-1260	ND		0.50	0.25	ug/L		08/31/17 14:38	09/05/17 20:11	1
PCB-1262	ND		0.50	0.25	ug/L		08/31/17 14:38	09/05/17 20:11	1
PCB-1268	ND		0.50	0.25	ug/L		08/31/17 14:38	09/05/17 20:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	97		39 - 121				08/31/17 14:38	09/05/17 20:11	1
Tetrachloro-m-xylene	83		39 - 121				08/31/17 14:38	09/05/17 20:11	1
DCB Decachlorobiphenyl	81		19 - 120				08/31/17 14:38	09/05/17 20:11	1
DCB Decachlorobiphenyl	78		19 - 120				08/31/17 14:38	09/05/17 20:11	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.087	J	0.20	0.060	mg/L		08/31/17 08:45	09/02/17 01:26	1
Antimony	ND		0.020	0.0068	mg/L		08/31/17 08:45	09/02/17 01:26	1
Arsenic	0.020		0.015	0.0056	mg/L		08/31/17 08:45	09/02/17 01:26	1
Barium	1.1		0.0020	0.00070	mg/L		08/31/17 08:45	09/02/17 01:26	1
Beryllium	ND		0.0020	0.00030	mg/L		08/31/17 08:45	09/02/17 01:26	1
Cadmium	ND		0.0020	0.00050	mg/L		08/31/17 08:45	09/02/17 01:26	1
Calcium	124	B	0.50	0.10	mg/L		08/31/17 08:45	09/02/17 01:26	1
Chromium	0.0011	J	0.0040	0.0010	mg/L		08/31/17 08:45	09/02/17 01:26	1
Cobalt	0.0052		0.0040	0.00063	mg/L		08/31/17 08:45	09/02/17 01:26	1
Copper	0.0032	J	0.010	0.0016	mg/L		08/31/17 08:45	09/02/17 01:26	1
Iron	10.2		0.050	0.019	mg/L		08/31/17 08:45	09/02/17 01:26	1
Lead	0.0048	J	0.010	0.0030	mg/L		08/31/17 08:45	09/02/17 01:26	1
Magnesium	94.0		0.20	0.043	mg/L		08/31/17 08:45	09/02/17 01:26	1
Manganese	0.20	B	0.0030	0.00040	mg/L		08/31/17 08:45	09/02/17 01:26	1
Nickel	0.017		0.010	0.0013	mg/L		08/31/17 08:45	09/02/17 01:26	1
Potassium	36.9		0.50	0.10	mg/L		08/31/17 08:45	09/02/17 01:26	1
Selenium	ND		0.025	0.0087	mg/L		08/31/17 08:45	09/02/17 01:26	1
Silver	ND		0.0060	0.0017	mg/L		08/31/17 08:45	09/02/17 01:26	1
Sodium	116		1.0	0.32	mg/L		08/31/17 08:45	09/02/17 01:26	1
Thallium	ND		0.020	0.010	mg/L		08/31/17 08:45	09/02/17 01:26	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123420-1

Client Sample ID: NS-OW35-GW

Lab Sample ID: 480-123420-2

Date Collected: 08/30/17 10:35

Matrix: Water

Date Received: 08/30/17 17:00

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	0.0017	J	0.0050	0.0015	mg/L		08/31/17 08:45	09/02/17 01:26	1
Zinc	0.0075	J	0.010	0.0015	mg/L		08/31/17 08:45	09/07/17 21:38	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		09/05/17 09:22	09/06/17 10:56	1
Antimony	ND		0.020	0.0068	mg/L		09/05/17 09:22	09/06/17 10:56	1
Arsenic	0.0076	J	0.015	0.0056	mg/L		09/05/17 09:22	09/06/17 10:56	1
Barium	0.88		0.0020	0.00070	mg/L		09/05/17 09:22	09/06/17 10:56	1
Beryllium	ND		0.0020	0.00030	mg/L		09/05/17 09:22	09/06/17 10:56	1
Cadmium	ND		0.0020	0.00050	mg/L		09/05/17 09:22	09/06/17 10:56	1
Calcium	132		0.50	0.10	mg/L		09/05/17 09:22	09/06/17 10:56	1
Chromium	ND		0.0040	0.0010	mg/L		09/05/17 09:22	09/06/17 10:56	1
Cobalt	0.0045		0.0040	0.00063	mg/L		09/05/17 09:22	09/06/17 10:56	1
Copper	ND		0.010	0.0016	mg/L		09/05/17 09:22	09/06/17 10:56	1
Iron	0.031	J	0.050	0.019	mg/L		09/05/17 09:22	09/06/17 10:56	1
Lead	0.0033	J	0.010	0.0030	mg/L		09/05/17 09:22	09/06/17 10:56	1
Magnesium	90.1		0.20	0.043	mg/L		09/05/17 09:22	09/06/17 10:56	1
Manganese	0.32		0.0030	0.00040	mg/L		09/05/17 09:22	09/06/17 10:56	1
Nickel	0.015		0.010	0.0013	mg/L		09/05/17 09:22	09/06/17 10:56	1
Potassium	36.9		0.50	0.10	mg/L		09/05/17 09:22	09/06/17 10:56	1
Selenium	ND		0.025	0.0087	mg/L		09/05/17 09:22	09/06/17 10:56	1
Silver	ND		0.0060	0.0017	mg/L		09/05/17 09:22	09/06/17 10:56	1
Sodium	103		1.0	0.32	mg/L		09/05/17 09:22	09/06/17 10:56	1
Thallium	ND		0.020	0.010	mg/L		09/05/17 09:22	09/06/17 10:56	1
Vanadium	ND		0.0050	0.0015	mg/L		09/05/17 09:22	09/06/17 10:56	1
Zinc	0.021	B	0.010	0.0015	mg/L		09/05/17 09:22	09/06/17 10:56	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/31/17 11:10	08/31/17 14:44	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/05/17 13:10	09/05/17 17:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	95.6		5.0	2.8	mg/L			09/05/17 16:22	10
Sulfate	9.8	J	20.0	3.5	mg/L			09/05/17 16:22	10
Alkalinity, Total	1030		5.0	0.79	mg/L			09/01/17 15:33	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161562-1

Client Sample ID: OW-35

Lab Sample ID: 480-161562-7

Date Collected: 10/24/19 13:40

Matrix: Water

Date Received: 10/24/19 17:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			11/04/19 14:29	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			11/04/19 14:29	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			11/04/19 14:29	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			11/04/19 14:29	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			11/04/19 14:29	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			11/04/19 14:29	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			11/04/19 14:29	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			11/04/19 14:29	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			11/04/19 14:29	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			11/04/19 14:29	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			11/04/19 14:29	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			11/04/19 14:29	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			11/04/19 14:29	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			11/04/19 14:29	4
2-Butanone (MEK)	ND		40	5.3	ug/L			11/04/19 14:29	4
2-Hexanone	ND		20	5.0	ug/L			11/04/19 14:29	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			11/04/19 14:29	4
Acetone	ND		40	12	ug/L			11/04/19 14:29	4
Benzene	4.4		4.0	1.6	ug/L			11/04/19 14:29	4
Bromodichloromethane	ND		4.0	1.6	ug/L			11/04/19 14:29	4
Bromoform	ND		4.0	1.0	ug/L			11/04/19 14:29	4
Bromomethane	ND		4.0	2.8	ug/L			11/04/19 14:29	4
Carbon disulfide	ND		4.0	0.76	ug/L			11/04/19 14:29	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			11/04/19 14:29	4
Chlorobenzene	120		4.0	3.0	ug/L			11/04/19 14:29	4
Chloroethane	ND		4.0	1.3	ug/L			11/04/19 14:29	4
Chloroform	ND		4.0	1.4	ug/L			11/04/19 14:29	4
Chloromethane	ND		4.0	1.4	ug/L			11/04/19 14:29	4
cis-1,2-Dichloroethene	ND		4.0	3.2	ug/L			11/04/19 14:29	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			11/04/19 14:29	4
Cyclohexane	ND		4.0	0.72	ug/L			11/04/19 14:29	4
Dibromochloromethane	ND		4.0	1.3	ug/L			11/04/19 14:29	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			11/04/19 14:29	4
Ethylbenzene	ND		4.0	3.0	ug/L			11/04/19 14:29	4
Isopropylbenzene	ND		4.0	3.2	ug/L			11/04/19 14:29	4
Methyl acetate	ND		10	5.2	ug/L			11/04/19 14:29	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			11/04/19 14:29	4
Methylcyclohexane	ND		4.0	0.64	ug/L			11/04/19 14:29	4
Methylene Chloride	ND		4.0	1.8	ug/L			11/04/19 14:29	4
Styrene	ND		4.0	2.9	ug/L			11/04/19 14:29	4
Tetrachloroethene	ND		4.0	1.4	ug/L			11/04/19 14:29	4
Toluene	ND		4.0	2.0	ug/L			11/04/19 14:29	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			11/04/19 14:29	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			11/04/19 14:29	4
Trichloroethene	ND		4.0	1.8	ug/L			11/04/19 14:29	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			11/04/19 14:29	4
Vinyl chloride	ND		4.0	3.6	ug/L			11/04/19 14:29	4
Xylenes, Total	ND		8.0	2.6	ug/L			11/04/19 14:29	4
t-Butyl alcohol	ND		40	13	ug/L			11/04/19 14:29	4

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161562-1

Client Sample ID: OW-35

Lab Sample ID: 480-161562-7

Date Collected: 10/24/19 13:40

Matrix: Water

Date Received: 10/24/19 17:25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		11/04/19 14:29	4
4-Bromofluorobenzene (Surr)	100		73 - 120		11/04/19 14:29	4
Dibromofluoromethane (Surr)	107		75 - 123		11/04/19 14:29	4
Toluene-d8 (Surr)	93		80 - 120		11/04/19 14:29	4

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		10/28/19 15:00	10/29/19 23:56	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		10/28/19 15:00	10/29/19 23:56	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		10/28/19 15:00	10/29/19 23:56	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		10/28/19 15:00	10/29/19 23:56	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		10/28/19 15:00	10/29/19 23:56	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		10/28/19 15:00	10/29/19 23:56	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		10/28/19 15:00	10/29/19 23:56	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		10/28/19 15:00	10/29/19 23:56	1
2-Chlorophenol	0.90	J	5.0	0.53	ug/L		10/28/19 15:00	10/29/19 23:56	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		10/28/19 15:00	10/29/19 23:56	1
2-Methylphenol	ND		5.0	0.40	ug/L		10/28/19 15:00	10/29/19 23:56	1
2-Nitroaniline	ND		10	0.42	ug/L		10/28/19 15:00	10/29/19 23:56	1
2-Nitrophenol	ND		5.0	0.48	ug/L		10/28/19 15:00	10/29/19 23:56	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		10/28/19 15:00	10/29/19 23:56	1
3-Nitroaniline	ND		10	0.48	ug/L		10/28/19 15:00	10/29/19 23:56	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		10/28/19 15:00	10/29/19 23:56	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		10/28/19 15:00	10/29/19 23:56	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		10/28/19 15:00	10/29/19 23:56	1
4-Chloroaniline	0.73	J	5.0	0.59	ug/L		10/28/19 15:00	10/29/19 23:56	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		10/28/19 15:00	10/29/19 23:56	1
4-Methylphenol	ND		10	0.36	ug/L		10/28/19 15:00	10/29/19 23:56	1
4-Nitroaniline	ND		10	0.25	ug/L		10/28/19 15:00	10/29/19 23:56	1
4-Nitrophenol	ND		10	1.5	ug/L		10/28/19 15:00	10/29/19 23:56	1
Acenaphthene	ND		5.0	0.41	ug/L		10/28/19 15:00	10/29/19 23:56	1
Acenaphthylene	ND		5.0	0.38	ug/L		10/28/19 15:00	10/29/19 23:56	1
Acetophenone	ND		5.0	0.54	ug/L		10/28/19 15:00	10/29/19 23:56	1
Anthracene	ND		5.0	0.28	ug/L		10/28/19 15:00	10/29/19 23:56	1
Atrazine	ND	*	5.0	0.46	ug/L		10/28/19 15:00	10/29/19 23:56	1
Benzaldehyde	ND		5.0	0.27	ug/L		10/28/19 15:00	10/29/19 23:56	1
Benzo(a)anthracene	ND	*	5.0	0.36	ug/L		10/28/19 15:00	10/29/19 23:56	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		10/28/19 15:00	10/29/19 23:56	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		10/28/19 15:00	10/29/19 23:56	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		10/28/19 15:00	10/29/19 23:56	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		10/28/19 15:00	10/29/19 23:56	1
Benzoic acid	ND		150	100	ug/L		10/28/19 15:00	10/29/19 23:56	1
Biphenyl	ND		5.0	0.65	ug/L		10/28/19 15:00	10/29/19 23:56	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		10/28/19 15:00	10/29/19 23:56	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		10/28/19 15:00	10/29/19 23:56	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		10/28/19 15:00	10/29/19 23:56	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		10/28/19 15:00	10/29/19 23:56	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		10/28/19 15:00	10/29/19 23:56	1
Caprolactam	ND		5.0	2.2	ug/L		10/28/19 15:00	10/29/19 23:56	1
Carbazole	ND		5.0	0.30	ug/L		10/28/19 15:00	10/29/19 23:56	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161562-1

Client Sample ID: OW-35

Lab Sample ID: 480-161562-7

Date Collected: 10/24/19 13:40

Matrix: Water

Date Received: 10/24/19 17:25

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		10/28/19 15:00	10/29/19 23:56	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		10/28/19 15:00	10/29/19 23:56	1
Dibenzofuran	ND		10	0.51	ug/L		10/28/19 15:00	10/29/19 23:56	1
Diethyl phthalate	ND		5.0	0.22	ug/L		10/28/19 15:00	10/29/19 23:56	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		10/28/19 15:00	10/29/19 23:56	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		10/28/19 15:00	10/29/19 23:56	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		10/28/19 15:00	10/29/19 23:56	1
Fluoranthene	ND		5.0	0.40	ug/L		10/28/19 15:00	10/29/19 23:56	1
Fluorene	ND		5.0	0.36	ug/L		10/28/19 15:00	10/29/19 23:56	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		10/28/19 15:00	10/29/19 23:56	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		10/28/19 15:00	10/29/19 23:56	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		10/28/19 15:00	10/29/19 23:56	1
Hexachloroethane	ND		5.0	0.59	ug/L		10/28/19 15:00	10/29/19 23:56	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		10/28/19 15:00	10/29/19 23:56	1
Isophorone	ND		5.0	0.43	ug/L		10/28/19 15:00	10/29/19 23:56	1
Naphthalene	ND		5.0	0.76	ug/L		10/28/19 15:00	10/29/19 23:56	1
Nitrobenzene	ND		5.0	0.29	ug/L		10/28/19 15:00	10/29/19 23:56	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		10/28/19 15:00	10/29/19 23:56	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		10/28/19 15:00	10/29/19 23:56	1
Pentachlorophenol	ND		10	2.2	ug/L		10/28/19 15:00	10/29/19 23:56	1
Phenanthrene	ND		5.0	0.44	ug/L		10/28/19 15:00	10/29/19 23:56	1
Phenol	0.52	J	5.0	0.39	ug/L		10/28/19 15:00	10/29/19 23:56	1
Pyrene	ND	*	5.0	0.34	ug/L		10/28/19 15:00	10/29/19 23:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	123	X	41 - 120	10/28/19 15:00	10/29/19 23:56	1
2-Fluorobiphenyl	117		48 - 120	10/28/19 15:00	10/29/19 23:56	1
2-Fluorophenol	75		35 - 120	10/28/19 15:00	10/29/19 23:56	1
Nitrobenzene-d5	99		46 - 120	10/28/19 15:00	10/29/19 23:56	1
Phenol-d5	55		22 - 120	10/28/19 15:00	10/29/19 23:56	1
p-Terphenyl-d14	98		60 - 148	10/28/19 15:00	10/29/19 23:56	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.25	0.046	ug/L		10/29/19 15:41	10/30/19 17:19	1
4,4'-DDE	ND		0.25	0.058	ug/L		10/29/19 15:41	10/30/19 17:19	1
4,4'-DDT	ND		0.25	0.055	ug/L		10/29/19 15:41	10/30/19 17:19	1
Aldrin	ND		0.25	0.041	ug/L		10/29/19 15:41	10/30/19 17:19	1
alpha-BHC	ND		0.25	0.039	ug/L		10/29/19 15:41	10/30/19 17:19	1
cis-Chlordane	ND		0.25	0.074	ug/L		10/29/19 15:41	10/30/19 17:19	1
beta-BHC	ND		0.25	0.12	ug/L		10/29/19 15:41	10/30/19 17:19	1
delta-BHC	ND		0.25	0.050	ug/L		10/29/19 15:41	10/30/19 17:19	1
Dieldrin	ND		0.25	0.049	ug/L		10/29/19 15:41	10/30/19 17:19	1
Endosulfan I	ND		0.25	0.055	ug/L		10/29/19 15:41	10/30/19 17:19	1
Endosulfan II	ND		0.25	0.060	ug/L		10/29/19 15:41	10/30/19 17:19	1
Endosulfan sulfate	ND		0.25	0.079	ug/L		10/29/19 15:41	10/30/19 17:19	1
Endrin	ND		0.25	0.069	ug/L		10/29/19 15:41	10/30/19 17:19	1
Endrin aldehyde	ND		0.25	0.082	ug/L		10/29/19 15:41	10/30/19 17:19	1
Endrin ketone	ND		0.25	0.060	ug/L		10/29/19 15:41	10/30/19 17:19	1
gamma-BHC (Lindane)	ND		0.25	0.040	ug/L		10/29/19 15:41	10/30/19 17:19	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161562-1

Client Sample ID: OW-35

Lab Sample ID: 480-161562-7

Date Collected: 10/24/19 13:40

Matrix: Water

Date Received: 10/24/19 17:25

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-Chlordane	ND		0.25	0.055	ug/L		10/29/19 15:41	10/30/19 17:19	1
Heptachlor	ND		0.25	0.043	ug/L		10/29/19 15:41	10/30/19 17:19	1
Heptachlor epoxide	ND		0.25	0.037	ug/L		10/29/19 15:41	10/30/19 17:19	1
Methoxychlor	ND		0.25	0.071	ug/L		10/29/19 15:41	10/30/19 17:19	1
Toxaphene	ND		2.5	0.60	ug/L		10/29/19 15:41	10/30/19 17:19	1
Mirex	ND		0.25	0.048	ug/L		10/29/19 15:41	10/30/19 17:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	64		20 - 120	10/29/19 15:41	10/30/19 17:19	1
DCB Decachlorobiphenyl	58		20 - 120	10/29/19 15:41	10/30/19 17:19	1
Tetrachloro-m-xylene	85		44 - 120	10/29/19 15:41	10/30/19 17:19	1
Tetrachloro-m-xylene	77		44 - 120	10/29/19 15:41	10/30/19 17:19	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		10/31/19 15:20	11/03/19 18:26	1
PCB-1221	ND		0.50	0.18	ug/L		10/31/19 15:20	11/03/19 18:26	1
PCB-1232	ND		0.50	0.18	ug/L		10/31/19 15:20	11/03/19 18:26	1
PCB-1242	ND		0.50	0.18	ug/L		10/31/19 15:20	11/03/19 18:26	1
PCB-1248	ND		0.50	0.18	ug/L		10/31/19 15:20	11/03/19 18:26	1
PCB-1254	ND		0.50	0.25	ug/L		10/31/19 15:20	11/03/19 18:26	1
PCB-1260	ND		0.50	0.25	ug/L		10/31/19 15:20	11/03/19 18:26	1
PCB-1262	ND		0.50	0.25	ug/L		10/31/19 15:20	11/03/19 18:26	1
PCB-1268	ND		0.50	0.25	ug/L		10/31/19 15:20	11/03/19 18:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	75		39 - 121	10/31/19 15:20	11/03/19 18:26	1
Tetrachloro-m-xylene	64		39 - 121	10/31/19 15:20	11/03/19 18:26	1
DCB Decachlorobiphenyl	52		19 - 120	10/31/19 15:20	11/03/19 18:26	1
DCB Decachlorobiphenyl	70		19 - 120	10/31/19 15:20	11/03/19 18:26	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		10/26/19 11:19	10/27/19 13:46	1
Antimony	ND		0.020	0.0068	mg/L		10/26/19 11:19	10/27/19 13:46	1
Arsenic	0.013	J	0.015	0.0056	mg/L		10/26/19 11:19	10/27/19 13:46	1
Barium	0.98		0.0020	0.00070	mg/L		10/26/19 11:19	10/27/19 13:46	1
Beryllium	ND		0.0020	0.00030	mg/L		10/26/19 11:19	10/27/19 13:46	1
Cadmium	0.00055	J	0.0020	0.00050	mg/L		10/26/19 11:19	10/27/19 13:46	1
Calcium	115		0.50	0.10	mg/L		10/26/19 11:19	10/27/19 13:46	1
Chromium	ND		0.0040	0.0010	mg/L		10/26/19 11:19	10/27/19 13:46	1
Cobalt	0.0026	J	0.0040	0.00063	mg/L		10/26/19 11:19	10/27/19 13:46	1
Copper	ND		0.010	0.0016	mg/L		10/26/19 11:19	10/27/19 13:46	1
Iron	1.9		0.050	0.019	mg/L		10/26/19 11:19	10/27/19 13:46	1
Lead	ND		0.010	0.0030	mg/L		10/26/19 11:19	10/27/19 13:46	1
Magnesium	86.8		0.20	0.043	mg/L		10/26/19 11:19	10/27/19 13:46	1
Manganese	0.042		0.0030	0.00040	mg/L		10/26/19 11:19	10/27/19 13:46	1
Nickel	0.0090	J	0.010	0.0013	mg/L		10/26/19 11:19	10/27/19 13:46	1
Potassium	37.5		0.50	0.10	mg/L		10/26/19 11:19	10/27/19 13:46	1
Selenium	ND		0.025	0.0087	mg/L		10/26/19 11:19	10/27/19 13:46	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161562-1

Client Sample ID: OW-35

Lab Sample ID: 480-161562-7

Date Collected: 10/24/19 13:40

Matrix: Water

Date Received: 10/24/19 17:25

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		10/26/19 11:19	10/27/19 13:46	1
Sodium	75.5		1.0	0.32	mg/L		10/26/19 11:19	10/27/19 13:46	1
Thallium	ND		0.020	0.010	mg/L		10/26/19 11:19	10/27/19 13:46	1
Vanadium	0.0080		0.0050	0.0015	mg/L		10/26/19 11:19	10/27/19 13:46	1
Zinc	0.0038	J B	0.010	0.0015	mg/L		10/26/19 11:19	10/27/19 13:46	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/04/19 11:22	11/04/19 15:13	1

Well OW-36

Client Sample Results

Client: New York State D.E.C.
Project/Site: NYSDEC - Nash Rd. LF: Site# 932054

TestAmerica Job ID: 480-60169-1

Client Sample ID: OW-36

Lab Sample ID: 480-60169-2

Date Collected: 05/19/14 13:05

Matrix: Water

Date Received: 05/19/14 18:45

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	4.1	ug/L			05/21/14 18:23	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			05/21/14 18:23	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			05/21/14 18:23	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			05/21/14 18:23	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			05/21/14 18:23	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			05/21/14 18:23	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			05/21/14 18:23	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			05/21/14 18:23	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			05/21/14 18:23	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			05/21/14 18:23	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			05/21/14 18:23	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			05/21/14 18:23	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			05/21/14 18:23	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			05/21/14 18:23	5
2-Butanone (MEK)	ND		50	6.6	ug/L			05/21/14 18:23	5
2-Hexanone	ND		25	6.2	ug/L			05/21/14 18:23	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			05/21/14 18:23	5
Acetone	ND		50	15	ug/L			05/21/14 18:23	5
Benzene	3.1	J	5.0	2.1	ug/L			05/21/14 18:23	5
Bromodichloromethane	ND	*	5.0	2.0	ug/L			05/21/14 18:23	5
Bromoform	ND		5.0	1.3	ug/L			05/21/14 18:23	5
Bromomethane	ND		5.0	3.5	ug/L			05/21/14 18:23	5
Carbon disulfide	ND		5.0	0.95	ug/L			05/21/14 18:23	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			05/21/14 18:23	5
Chlorobenzene	19		5.0	3.8	ug/L			05/21/14 18:23	5
Chloroethane	ND		5.0	1.6	ug/L			05/21/14 18:23	5
Chloroform	ND		5.0	1.7	ug/L			05/21/14 18:23	5
Chloromethane	ND		5.0	1.8	ug/L			05/21/14 18:23	5
cis-1,2-Dichloroethene	ND		5.0	4.1	ug/L			05/21/14 18:23	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			05/21/14 18:23	5
Cyclohexane	ND		5.0	0.90	ug/L			05/21/14 18:23	5
Dibromochloromethane	ND		5.0	1.6	ug/L			05/21/14 18:23	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			05/21/14 18:23	5
Ethylbenzene	200		5.0	3.7	ug/L			05/21/14 18:23	5
Isopropylbenzene	13		5.0	4.0	ug/L			05/21/14 18:23	5
Methyl acetate	ND		13	2.5	ug/L			05/21/14 18:23	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			05/21/14 18:23	5
Methylcyclohexane	ND		5.0	0.80	ug/L			05/21/14 18:23	5
Methylene Chloride	ND		5.0	2.2	ug/L			05/21/14 18:23	5
Styrene	ND		5.0	3.7	ug/L			05/21/14 18:23	5
Tetrachloroethene	ND		5.0	1.8	ug/L			05/21/14 18:23	5
Toluene	ND		5.0	2.6	ug/L			05/21/14 18:23	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			05/21/14 18:23	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			05/21/14 18:23	5
Trichloroethene	ND		5.0	2.3	ug/L			05/21/14 18:23	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			05/21/14 18:23	5
Vinyl chloride	ND		5.0	4.5	ug/L			05/21/14 18:23	5
Xylenes, Total	1300	E	10	3.3	ug/L			05/21/14 18:23	5

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: NYSDEC - Nash Rd. LF: Site# 932054

TestAmerica Job ID: 480-60169-1

Client Sample ID: OW-36

Lab Sample ID: 480-60169-2

Date Collected: 05/19/14 13:05

Matrix: Water

Date Received: 05/19/14 18:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		66 - 137		05/21/14 18:23	5
4-Bromofluorobenzene (Surr)	93		73 - 120		05/21/14 18:23	5
Toluene-d8 (Surr)	96		71 - 126		05/21/14 18:23	5

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		25	21	ug/L			05/23/14 12:57	25
1,1,2,2-Tetrachloroethane	ND		25	5.3	ug/L			05/23/14 12:57	25
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25	7.8	ug/L			05/23/14 12:57	25
1,1,2-Trichloroethane	ND		25	5.8	ug/L			05/23/14 12:57	25
1,1-Dichloroethane	ND		25	9.5	ug/L			05/23/14 12:57	25
1,1-Dichloroethene	ND		25	7.3	ug/L			05/23/14 12:57	25
1,2,4-Trichlorobenzene	ND		25	10	ug/L			05/23/14 12:57	25
1,2-Dibromo-3-Chloropropane	ND		25	9.8	ug/L			05/23/14 12:57	25
1,2-Dibromoethane	ND		25	18	ug/L			05/23/14 12:57	25
1,2-Dichlorobenzene	ND		25	20	ug/L			05/23/14 12:57	25
1,2-Dichloroethane	ND		25	5.3	ug/L			05/23/14 12:57	25
1,2-Dichloropropane	ND		25	18	ug/L			05/23/14 12:57	25
1,3-Dichlorobenzene	ND		25	20	ug/L			05/23/14 12:57	25
1,4-Dichlorobenzene	ND		25	21	ug/L			05/23/14 12:57	25
2-Butanone (MEK)	ND *		250	33	ug/L			05/23/14 12:57	25
2-Hexanone	ND *		130	31	ug/L			05/23/14 12:57	25
4-Methyl-2-pentanone (MIBK)	ND		130	53	ug/L			05/23/14 12:57	25
Acetone	ND		250	75	ug/L			05/23/14 12:57	25
Benzene	ND		25	10	ug/L			05/23/14 12:57	25
Bromodichloromethane	ND		25	9.8	ug/L			05/23/14 12:57	25
Bromoform	ND		25	6.5	ug/L			05/23/14 12:57	25
Bromomethane	ND		25	17	ug/L			05/23/14 12:57	25
Carbon disulfide	ND		25	4.8	ug/L			05/23/14 12:57	25
Carbon tetrachloride	ND		25	6.8	ug/L			05/23/14 12:57	25
Chlorobenzene	22 J		25	19	ug/L			05/23/14 12:57	25
Chloroethane	ND		25	8.0	ug/L			05/23/14 12:57	25
Chloroform	ND		25	8.5	ug/L			05/23/14 12:57	25
Chloromethane	ND		25	8.8	ug/L			05/23/14 12:57	25
cis-1,2-Dichloroethene	ND		25	20	ug/L			05/23/14 12:57	25
cis-1,3-Dichloropropene	ND		25	9.0	ug/L			05/23/14 12:57	25
Cyclohexane	ND		25	4.5	ug/L			05/23/14 12:57	25
Dibromochloromethane	ND		25	8.0	ug/L			05/23/14 12:57	25
Dichlorodifluoromethane	ND		25	17	ug/L			05/23/14 12:57	25
Ethylbenzene	220		25	19	ug/L			05/23/14 12:57	25
Isopropylbenzene	ND		25	20	ug/L			05/23/14 12:57	25
Methyl acetate	ND		63	13	ug/L			05/23/14 12:57	25
Methyl tert-butyl ether	ND		25	4.0	ug/L			05/23/14 12:57	25
Methylcyclohexane	ND		25	4.0	ug/L			05/23/14 12:57	25
Methylene Chloride	ND		25	11	ug/L			05/23/14 12:57	25
Styrene	ND		25	18	ug/L			05/23/14 12:57	25
Tetrachloroethene	ND		25	9.0	ug/L			05/23/14 12:57	25
Toluene	ND		25	13	ug/L			05/23/14 12:57	25
trans-1,2-Dichloroethene	ND		25	23	ug/L			05/23/14 12:57	25
trans-1,3-Dichloropropene	ND		25	9.3	ug/L			05/23/14 12:57	25

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: NYSDEC - Nash Rd. LF: Site# 932054

TestAmerica Job ID: 480-60169-1

Client Sample ID: OW-36

Lab Sample ID: 480-60169-2

Date Collected: 05/19/14 13:05

Matrix: Water

Date Received: 05/19/14 18:45

Method: 8260C - Volatile Organic Compounds by GC/MS - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		25	12	ug/L			05/23/14 12:57	25
Trichlorofluoromethane	ND		25	22	ug/L			05/23/14 12:57	25
Vinyl chloride	ND		25	23	ug/L			05/23/14 12:57	25
Xylenes, Total	1700		50	17	ug/L			05/23/14 12:57	25
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		66 - 137					05/23/14 12:57	25
4-Bromofluorobenzene (Surr)	103		73 - 120					05/23/14 12:57	25
Toluene-d8 (Surr)	100		71 - 126					05/23/14 12:57	25

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	17		4.7	0.62	ug/L		05/21/14 11:27	05/31/14 03:59	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		05/21/14 11:27	05/31/14 03:59	1
2,4,5-Trichlorophenol	ND		4.7	0.46	ug/L		05/21/14 11:27	05/31/14 03:59	1
2,4,6-Trichlorophenol	ND		4.7	0.58	ug/L		05/21/14 11:27	05/31/14 03:59	1
2,4-Dichlorophenol	ND	*	4.7	0.48	ug/L		05/21/14 11:27	05/31/14 03:59	1
2,4-Dimethylphenol	18		4.7	0.47	ug/L		05/21/14 11:27	05/31/14 03:59	1
2,4-Dinitrophenol	ND		9.5	2.1	ug/L		05/21/14 11:27	05/31/14 03:59	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		05/21/14 11:27	05/31/14 03:59	1
2,6-Dinitrotoluene	ND		4.7	0.38	ug/L		05/21/14 11:27	05/31/14 03:59	1
2-Chloronaphthalene	ND		4.7	0.44	ug/L		05/21/14 11:27	05/31/14 03:59	1
2-Chlorophenol	ND		4.7	0.50	ug/L		05/21/14 11:27	05/31/14 03:59	1
2-Methylnaphthalene	1.2 J		4.7	0.57	ug/L		05/21/14 11:27	05/31/14 03:59	1
2-Methylphenol	ND		4.7	0.38	ug/L		05/21/14 11:27	05/31/14 03:59	1
2-Nitroaniline	ND		9.5	0.40	ug/L		05/21/14 11:27	05/31/14 03:59	1
2-Nitrophenol	ND		4.7	0.46	ug/L		05/21/14 11:27	05/31/14 03:59	1
3,3'-Dichlorobenzidine	ND		4.7	0.38	ug/L		05/21/14 11:27	05/31/14 03:59	1
3-Nitroaniline	ND	*	9.5	0.46	ug/L		05/21/14 11:27	05/31/14 03:59	1
4,6-Dinitro-2-methylphenol	ND		9.5	2.1	ug/L		05/21/14 11:27	05/31/14 03:59	1
4-Bromophenyl phenyl ether	ND		4.7	0.43	ug/L		05/21/14 11:27	05/31/14 03:59	1
4-Chloro-3-methylphenol	7.5		4.7	0.43	ug/L		05/21/14 11:27	05/31/14 03:59	1
4-Chloroaniline	ND		4.7	0.56	ug/L		05/21/14 11:27	05/31/14 03:59	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		05/21/14 11:27	05/31/14 03:59	1
4-Methylphenol	2.7 J * B		9.5	0.34	ug/L		05/21/14 11:27	05/31/14 03:59	1
4-Nitroaniline	ND		9.5	0.24	ug/L		05/21/14 11:27	05/31/14 03:59	1
4-Nitrophenol	ND		9.5	1.4	ug/L		05/21/14 11:27	05/31/14 03:59	1
Acenaphthene	ND		4.7	0.39	ug/L		05/21/14 11:27	05/31/14 03:59	1
Acenaphthylene	ND		4.7	0.36	ug/L		05/21/14 11:27	05/31/14 03:59	1
Acetophenone	ND		4.7	0.51	ug/L		05/21/14 11:27	05/31/14 03:59	1
Anthracene	ND		4.7	0.27	ug/L		05/21/14 11:27	05/31/14 03:59	1
Atrazine	ND		4.7	0.44	ug/L		05/21/14 11:27	05/31/14 03:59	1
Benzaldehyde	ND		4.7	0.25	ug/L		05/21/14 11:27	05/31/14 03:59	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		05/21/14 11:27	05/31/14 03:59	1
Benzo(a)pyrene	ND		4.7	0.45	ug/L		05/21/14 11:27	05/31/14 03:59	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		05/21/14 11:27	05/31/14 03:59	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		05/21/14 11:27	05/31/14 03:59	1
Benzo(k)fluoranthene	ND		4.7	0.69	ug/L		05/21/14 11:27	05/31/14 03:59	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		05/21/14 11:27	05/31/14 03:59	1
Bis(2-chloroethyl)ether	ND		4.7	0.38	ug/L		05/21/14 11:27	05/31/14 03:59	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: NYSDEC - Nash Rd. LF: Site# 932054

TestAmerica Job ID: 480-60169-1

Client Sample ID: OW-36

Lab Sample ID: 480-60169-2

Date Collected: 05/19/14 13:05

Matrix: Water

Date Received: 05/19/14 18:45

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	5.4		4.7	1.7	ug/L		05/21/14 11:27	05/31/14 03:59	1
Butyl benzyl phthalate	ND		4.7	0.40	ug/L		05/21/14 11:27	05/31/14 03:59	1
Caprolactam	ND		4.7	2.1	ug/L		05/21/14 11:27	05/31/14 03:59	1
Carbazole	ND		4.7	0.28	ug/L		05/21/14 11:27	05/31/14 03:59	1
Chrysene	ND		4.7	0.31	ug/L		05/21/14 11:27	05/31/14 03:59	1
Di-n-butyl phthalate	1.3 J B		4.7	0.29	ug/L		05/21/14 11:27	05/31/14 03:59	1
Di-n-octyl phthalate	ND		4.7	0.45	ug/L		05/21/14 11:27	05/31/14 03:59	1
Dibenz(a,h)anthracene	ND		4.7	0.40	ug/L		05/21/14 11:27	05/31/14 03:59	1
Dibenzofuran	ND		9.5	0.48	ug/L		05/21/14 11:27	05/31/14 03:59	1
Diethyl phthalate	0.79 J B		4.7	0.21	ug/L		05/21/14 11:27	05/31/14 03:59	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		05/21/14 11:27	05/31/14 03:59	1
Fluoranthene	ND		4.7	0.38	ug/L		05/21/14 11:27	05/31/14 03:59	1
Fluorene	ND		4.7	0.34	ug/L		05/21/14 11:27	05/31/14 03:59	1
Hexachlorobenzene	ND *		4.7	0.48	ug/L		05/21/14 11:27	05/31/14 03:59	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		05/21/14 11:27	05/31/14 03:59	1
Hexachlorocyclopentadiene	ND		4.7	0.56	ug/L		05/21/14 11:27	05/31/14 03:59	1
Hexachloroethane	ND		4.7	0.56	ug/L		05/21/14 11:27	05/31/14 03:59	1
Indeno(1,2,3-cd)pyrene	ND *		4.7	0.45	ug/L		05/21/14 11:27	05/31/14 03:59	1
Isophorone	ND		4.7	0.41	ug/L		05/21/14 11:27	05/31/14 03:59	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		05/21/14 11:27	05/31/14 03:59	1
N-Nitrosodiphenylamine	0.50 J		4.7	0.48	ug/L		05/21/14 11:27	05/31/14 03:59	1
Naphthalene	7.1		4.7	0.72	ug/L		05/21/14 11:27	05/31/14 03:59	1
Nitrobenzene	ND		4.7	0.27	ug/L		05/21/14 11:27	05/31/14 03:59	1
Pentachlorophenol	ND		9.5	2.1	ug/L		05/21/14 11:27	05/31/14 03:59	1
Phenanthrene	0.60 J		4.7	0.42	ug/L		05/21/14 11:27	05/31/14 03:59	1
Phenol	2.8 J		4.7	0.37	ug/L		05/21/14 11:27	05/31/14 03:59	1
Pyrene	ND		4.7	0.32	ug/L		05/21/14 11:27	05/31/14 03:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	112		52 - 132	05/21/14 11:27	05/31/14 03:59	1
2-Fluorobiphenyl	85		48 - 120	05/21/14 11:27	05/31/14 03:59	1
2-Fluorophenol	61		20 - 120	05/21/14 11:27	05/31/14 03:59	1
Nitrobenzene-d5	82		46 - 120	05/21/14 11:27	05/31/14 03:59	1
p-Terphenyl-d14	106		67 - 150	05/21/14 11:27	05/31/14 03:59	1
Phenol-d5	51		16 - 120	05/21/14 11:27	05/31/14 03:59	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.022 J		0.052	0.0096	ug/L		05/21/14 06:23	05/22/14 17:46	1
4,4'-DDE	0.019 J		0.052	0.012	ug/L		05/21/14 06:23	05/22/14 17:46	1
4,4'-DDT	0.032 J		0.052	0.011	ug/L		05/21/14 06:23	05/22/14 17:46	1
Aldrin	ND		0.052	0.0085	ug/L		05/21/14 06:23	05/22/14 17:46	1
alpha-BHC	0.022 J		0.052	0.0080	ug/L		05/21/14 06:23	05/22/14 17:46	1
alpha-Chlordane	ND		0.052	0.015	ug/L		05/21/14 06:23	05/22/14 17:46	1
beta-BHC	ND		0.052	0.026	ug/L		05/21/14 06:23	05/22/14 17:46	1
delta-BHC	0.018 J B		0.052	0.010	ug/L		05/21/14 06:23	05/22/14 17:46	1
Dieldrin	ND		0.052	0.010	ug/L		05/21/14 06:23	05/22/14 17:46	1
Endosulfan I	ND		0.052	0.011	ug/L		05/21/14 06:23	05/22/14 17:46	1
Endosulfan II	ND		0.052	0.013	ug/L		05/21/14 06:23	05/22/14 17:46	1
Endosulfan sulfate	ND		0.052	0.016	ug/L		05/21/14 06:23	05/22/14 17:46	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: NYSDEC - Nash Rd. LF: Site# 932054

TestAmerica Job ID: 480-60169-1

Client Sample ID: OW-36

Lab Sample ID: 480-60169-2

Date Collected: 05/19/14 13:05

Matrix: Water

Date Received: 05/19/14 18:45

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin	ND		0.052	0.014	ug/L		05/21/14 06:23	05/22/14 17:46	1
Endrin aldehyde	0.022	J	0.052	0.017	ug/L		05/21/14 06:23	05/22/14 17:46	1
Endrin ketone	ND		0.052	0.013	ug/L		05/21/14 06:23	05/22/14 17:46	1
gamma-BHC (Lindane)	0.022	J	0.052	0.0084	ug/L		05/21/14 06:23	05/22/14 17:46	1
gamma-Chlordane	ND		0.052	0.011	ug/L		05/21/14 06:23	05/22/14 17:46	1
Heptachlor	ND		0.052	0.0089	ug/L		05/21/14 06:23	05/22/14 17:46	1
Heptachlor epoxide	ND		0.052	0.0077	ug/L		05/21/14 06:23	05/22/14 17:46	1
Methoxychlor	ND		0.052	0.015	ug/L		05/21/14 06:23	05/22/14 17:46	1
Toxaphene	ND		0.52	0.13	ug/L		05/21/14 06:23	05/22/14 17:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	36		20 - 120				05/21/14 06:23	05/22/14 17:46	1
DCB Decachlorobiphenyl	36		20 - 120				05/21/14 06:23	05/22/14 17:46	1
Tetrachloro-m-xylene	79		36 - 120				05/21/14 06:23	05/22/14 17:46	1
Tetrachloro-m-xylene	86		36 - 120				05/21/14 06:23	05/22/14 17:46	1

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		0.48	0.14	ug/L		05/22/14 06:55	05/29/14 09:50	1
Silvex (2,4,5-TP)	ND		0.48	0.34	ug/L		05/22/14 06:55	05/29/14 09:50	1
2,4-D	ND		0.48	0.38	ug/L		05/22/14 06:55	05/29/14 09:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	124		40 - 135				05/22/14 06:55	05/29/14 09:50	1
2,4-Dichlorophenylacetic acid	81		40 - 135				05/22/14 06:55	05/29/14 09:50	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0075	J	0.015	0.0056	mg/L		05/21/14 09:15	05/21/14 22:02	1
Barium	0.23		0.0020	0.00070	mg/L		05/21/14 09:15	05/21/14 22:02	1
Cadmium	ND		0.0020	0.00050	mg/L		05/21/14 09:15	05/21/14 22:02	1
Chromium	0.0011	J	0.0040	0.0010	mg/L		05/21/14 09:15	05/21/14 22:02	1
Lead	0.0034	J	0.010	0.0030	mg/L		05/21/14 09:15	05/21/14 22:02	1
Selenium	ND		0.025	0.0087	mg/L		05/21/14 09:15	05/21/14 22:02	1
Silver	ND		0.0060	0.0017	mg/L		05/21/14 09:15	05/21/14 22:02	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/21/14 09:40	05/21/14 16:05	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123342-1

Client Sample ID: NS-OW36-GW

Lab Sample ID: 480-123342-7

Date Collected: 08/29/17 14:45

Matrix: Water

Date Received: 08/29/17 15:55

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/31/17 05:01	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/31/17 05:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/31/17 05:01	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/31/17 05:01	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/31/17 05:01	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/31/17 05:01	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/31/17 05:01	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/31/17 05:01	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/31/17 05:01	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/31/17 05:01	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/31/17 05:01	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/31/17 05:01	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/31/17 05:01	1
1,4-Dichlorobenzene	2.8		1.0	0.84	ug/L			08/31/17 05:01	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/31/17 05:01	1
2-Hexanone	ND		5.0	1.2	ug/L			08/31/17 05:01	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/31/17 05:01	1
Acetone	ND		10	3.0	ug/L			08/31/17 05:01	1
Benzene	4.0		1.0	0.41	ug/L			08/31/17 05:01	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/31/17 05:01	1
Bromoform	ND		1.0	0.26	ug/L			08/31/17 05:01	1
Bromomethane	ND		1.0	0.69	ug/L			08/31/17 05:01	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/31/17 05:01	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/31/17 05:01	1
Chlorobenzene	16		1.0	0.75	ug/L			08/31/17 05:01	1
Chloroethane	ND		1.0	0.32	ug/L			08/31/17 05:01	1
Chloroform	ND		1.0	0.34	ug/L			08/31/17 05:01	1
Chloromethane	ND		1.0	0.35	ug/L			08/31/17 05:01	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/31/17 05:01	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/31/17 05:01	1
Cyclohexane	ND		1.0	0.18	ug/L			08/31/17 05:01	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/31/17 05:01	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/31/17 05:01	1
Ethylbenzene	28		1.0	0.74	ug/L			08/31/17 05:01	1
Isopropylbenzene	9.6		1.0	0.79	ug/L			08/31/17 05:01	1
Methyl acetate	ND		2.5	1.3	ug/L			08/31/17 05:01	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/31/17 05:01	1
Methylcyclohexane	0.42 J		1.0	0.16	ug/L			08/31/17 05:01	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/31/17 05:01	1
Styrene	ND		1.0	0.73	ug/L			08/31/17 05:01	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/31/17 05:01	1
Toluene	0.73 J		1.0	0.51	ug/L			08/31/17 05:01	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/31/17 05:01	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/31/17 05:01	1
Trichloroethene	ND		1.0	0.46	ug/L			08/31/17 05:01	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/31/17 05:01	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/31/17 05:01	1
Xylenes, Total	440 E		2.0	0.66	ug/L			08/31/17 05:01	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123342-1

Client Sample ID: NS-OW36-GW

Lab Sample ID: 480-123342-7

Date Collected: 08/29/17 14:45

Matrix: Water

Date Received: 08/29/17 15:55

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		77 - 120		08/31/17 05:01	1
4-Bromofluorobenzene (Surr)	98		73 - 120		08/31/17 05:01	1
Toluene-d8 (Surr)	98		80 - 120		08/31/17 05:01	1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			08/31/17 14:22	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			08/31/17 14:22	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			08/31/17 14:22	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			08/31/17 14:22	10
1,1-Dichloroethane	ND		10	3.8	ug/L			08/31/17 14:22	10
1,1-Dichloroethene	ND		10	2.9	ug/L			08/31/17 14:22	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			08/31/17 14:22	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			08/31/17 14:22	10
1,2-Dibromoethane	ND		10	7.3	ug/L			08/31/17 14:22	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			08/31/17 14:22	10
1,2-Dichloroethane	ND		10	2.1	ug/L			08/31/17 14:22	10
1,2-Dichloropropane	ND		10	7.2	ug/L			08/31/17 14:22	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			08/31/17 14:22	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			08/31/17 14:22	10
2-Butanone (MEK)	ND		100	13	ug/L			08/31/17 14:22	10
2-Hexanone	ND		50	12	ug/L			08/31/17 14:22	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			08/31/17 14:22	10
Acetone	ND		100	30	ug/L			08/31/17 14:22	10
Benzene	4.1	J	10	4.1	ug/L			08/31/17 14:22	10
Bromodichloromethane	ND		10	3.9	ug/L			08/31/17 14:22	10
Bromoform	ND		10	2.6	ug/L			08/31/17 14:22	10
Bromomethane	ND		10	6.9	ug/L			08/31/17 14:22	10
Carbon disulfide	ND		10	1.9	ug/L			08/31/17 14:22	10
Carbon tetrachloride	ND		10	2.7	ug/L			08/31/17 14:22	10
Chlorobenzene	16		10	7.5	ug/L			08/31/17 14:22	10
Chloroethane	ND		10	3.2	ug/L			08/31/17 14:22	10
Chloroform	ND		10	3.4	ug/L			08/31/17 14:22	10
Chloromethane	ND		10	3.5	ug/L			08/31/17 14:22	10
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			08/31/17 14:22	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			08/31/17 14:22	10
Cyclohexane	ND		10	1.8	ug/L			08/31/17 14:22	10
Dibromochloromethane	ND		10	3.2	ug/L			08/31/17 14:22	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			08/31/17 14:22	10
Ethylbenzene	26		10	7.4	ug/L			08/31/17 14:22	10
Isopropylbenzene	8.9	J	10	7.9	ug/L			08/31/17 14:22	10
Methyl acetate	ND		25	13	ug/L			08/31/17 14:22	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			08/31/17 14:22	10
Methylcyclohexane	ND		10	1.6	ug/L			08/31/17 14:22	10
Methylene Chloride	4.5	J	10	4.4	ug/L			08/31/17 14:22	10
Styrene	ND		10	7.3	ug/L			08/31/17 14:22	10
Tetrachloroethene	ND		10	3.6	ug/L			08/31/17 14:22	10
Toluene	ND		10	5.1	ug/L			08/31/17 14:22	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			08/31/17 14:22	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			08/31/17 14:22	10

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Date Collected: 08/29/17 14:45

Matrix: Water

Date Received: 08/29/17 15:55

Method: 8260C - Volatile Organic Compounds by GC/MS - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		10	4.6	ug/L			08/31/17 14:22	10
Trichlorofluoromethane	ND		10	8.8	ug/L			08/31/17 14:22	10
Vinyl chloride	ND		10	9.0	ug/L			08/31/17 14:22	10
Xylenes, Total	460		20	6.6	ug/L			08/31/17 14:22	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		08/31/17 14:22	10
4-Bromofluorobenzene (Surr)	94		73 - 120		08/31/17 14:22	10
Toluene-d8 (Surr)	96		80 - 120		08/31/17 14:22	10

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	39		5.0	0.65	ug/L		08/30/17 07:49	08/31/17 19:04	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		08/30/17 07:49	08/31/17 19:04	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		08/30/17 07:49	08/31/17 19:04	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		08/30/17 07:49	08/31/17 19:04	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		08/30/17 07:49	08/31/17 19:04	1
2,4-Dimethylphenol	5.1		5.0	0.50	ug/L		08/30/17 07:49	08/31/17 19:04	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		08/30/17 07:49	08/31/17 19:04	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		08/30/17 07:49	08/31/17 19:04	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		08/30/17 07:49	08/31/17 19:04	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		08/30/17 07:49	08/31/17 19:04	1
2-Chlorophenol	ND		5.0	0.53	ug/L		08/30/17 07:49	08/31/17 19:04	1
2-Methylnaphthalene	2.3 J		5.0	0.60	ug/L		08/30/17 07:49	08/31/17 19:04	1
2-Methylphenol	ND		5.0	0.40	ug/L		08/30/17 07:49	08/31/17 19:04	1
2-Nitroaniline	ND		10	0.42	ug/L		08/30/17 07:49	08/31/17 19:04	1
2-Nitrophenol	ND		5.0	0.48	ug/L		08/30/17 07:49	08/31/17 19:04	1
3,3'-Dichlorobenzidine	ND *		5.0	0.40	ug/L		08/30/17 07:49	08/31/17 19:04	1
3-Nitroaniline	ND		10	0.48	ug/L		08/30/17 07:49	08/31/17 19:04	1
4,6-Dinitro-2-methylphenol	ND *		10	2.2	ug/L		08/30/17 07:49	08/31/17 19:04	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		08/30/17 07:49	08/31/17 19:04	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		08/30/17 07:49	08/31/17 19:04	1
4-Chloroaniline	ND		5.0	0.59	ug/L		08/30/17 07:49	08/31/17 19:04	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		08/30/17 07:49	08/31/17 19:04	1
4-Methylphenol	ND		10	0.36	ug/L		08/30/17 07:49	08/31/17 19:04	1
4-Nitroaniline	ND		10	0.25	ug/L		08/30/17 07:49	08/31/17 19:04	1
4-Nitrophenol	ND		10	1.5	ug/L		08/30/17 07:49	08/31/17 19:04	1
Acenaphthene	ND		5.0	0.41	ug/L		08/30/17 07:49	08/31/17 19:04	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/30/17 07:49	08/31/17 19:04	1
Acetophenone	ND		5.0	0.54	ug/L		08/30/17 07:49	08/31/17 19:04	1
Anthracene	ND		5.0	0.28	ug/L		08/30/17 07:49	08/31/17 19:04	1
Atrazine	ND		5.0	0.46	ug/L		08/30/17 07:49	08/31/17 19:04	1
Benzaldehyde	ND		5.0	0.27	ug/L		08/30/17 07:49	08/31/17 19:04	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		08/30/17 07:49	08/31/17 19:04	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		08/30/17 07:49	08/31/17 19:04	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		08/30/17 07:49	08/31/17 19:04	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		08/30/17 07:49	08/31/17 19:04	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		08/30/17 07:49	08/31/17 19:04	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		08/30/17 07:49	08/31/17 19:04	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		08/30/17 07:49	08/31/17 19:04	1

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Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	4.2	J	5.0	2.2	ug/L		08/30/17 07:49	08/31/17 19:04	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		08/30/17 07:49	08/31/17 19:04	1
Caprolactam	ND		5.0	2.2	ug/L		08/30/17 07:49	08/31/17 19:04	1
Carbazole	ND		5.0	0.30	ug/L		08/30/17 07:49	08/31/17 19:04	1
Chrysene	ND		5.0	0.33	ug/L		08/30/17 07:49	08/31/17 19:04	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		08/30/17 07:49	08/31/17 19:04	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		08/30/17 07:49	08/31/17 19:04	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/30/17 07:49	08/31/17 19:04	1
Dibenzofuran	ND		10	0.51	ug/L		08/30/17 07:49	08/31/17 19:04	1
Diethyl phthalate	0.62	J	5.0	0.22	ug/L		08/30/17 07:49	08/31/17 19:04	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		08/30/17 07:49	08/31/17 19:04	1
Fluoranthene	ND		5.0	0.40	ug/L		08/30/17 07:49	08/31/17 19:04	1
Fluorene	0.38	J	5.0	0.36	ug/L		08/30/17 07:49	08/31/17 19:04	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		08/30/17 07:49	08/31/17 19:04	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		08/30/17 07:49	08/31/17 19:04	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		08/30/17 07:49	08/31/17 19:04	1
Hexachloroethane	ND		5.0	0.59	ug/L		08/30/17 07:49	08/31/17 19:04	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		08/30/17 07:49	08/31/17 19:04	1
Isophorone	ND		5.0	0.43	ug/L		08/30/17 07:49	08/31/17 19:04	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		08/30/17 07:49	08/31/17 19:04	1
N-Nitrosodiphenylamine	1.4	J	5.0	0.51	ug/L		08/30/17 07:49	08/31/17 19:04	1
Naphthalene	10		5.0	0.76	ug/L		08/30/17 07:49	08/31/17 19:04	1
Nitrobenzene	ND		5.0	0.29	ug/L		08/30/17 07:49	08/31/17 19:04	1
Pentachlorophenol	ND		10	2.2	ug/L		08/30/17 07:49	08/31/17 19:04	1
Phenanthrene	ND		5.0	0.44	ug/L		08/30/17 07:49	08/31/17 19:04	1
Phenol	4.6	J	5.0	0.39	ug/L		08/30/17 07:49	08/31/17 19:04	1
Pyrene	ND		5.0	0.34	ug/L		08/30/17 07:49	08/31/17 19:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	128	X	41 - 120	08/30/17 07:49	08/31/17 19:04	1
2-Fluorobiphenyl	92		48 - 120	08/30/17 07:49	08/31/17 19:04	1
2-Fluorophenol	77		35 - 120	08/30/17 07:49	08/31/17 19:04	1
Nitrobenzene-d5	99		46 - 120	08/30/17 07:49	08/31/17 19:04	1
p-Terphenyl-d14	69		59 - 136	08/30/17 07:49	08/31/17 19:04	1
Phenol-d5	57		22 - 120	08/30/17 07:49	08/31/17 19:04	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.11		0.050	0.0092	ug/L		08/30/17 07:58	08/30/17 17:56	1
4,4'-DDE	ND		0.050	0.012	ug/L		08/30/17 07:58	08/30/17 17:56	1
4,4'-DDT	0.018	J	0.050	0.011	ug/L		08/30/17 07:58	08/30/17 17:56	1
Aldrin	0.0088	J	0.050	0.0081	ug/L		08/30/17 07:58	08/30/17 17:56	1
alpha-BHC	ND		0.050	0.0077	ug/L		08/30/17 07:58	08/30/17 17:56	1
alpha-Chlordane	ND		0.050	0.015	ug/L		08/30/17 07:58	08/30/17 17:56	1
beta-BHC	ND		0.050	0.025	ug/L		08/30/17 07:58	08/30/17 17:56	1
delta-BHC	ND		0.050	0.010	ug/L		08/30/17 07:58	08/30/17 17:56	1
Dieldrin	ND		0.050	0.0098	ug/L		08/30/17 07:58	08/30/17 17:56	1
Endosulfan I	ND		0.050	0.011	ug/L		08/30/17 07:58	08/30/17 17:56	1
Endosulfan II	ND		0.050	0.012	ug/L		08/30/17 07:58	08/30/17 17:56	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		08/30/17 07:58	08/30/17 17:56	1

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Matrix: Water

Date Received: 08/29/17 15:55

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin	ND		0.050	0.014	ug/L		08/30/17 07:58	08/30/17 17:56	1
Endrin aldehyde	ND		0.050	0.016	ug/L		08/30/17 07:58	08/30/17 17:56	1
Endrin ketone	ND		0.050	0.012	ug/L		08/30/17 07:58	08/30/17 17:56	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		08/30/17 07:58	08/30/17 17:56	1
gamma-Chlordane	ND		0.050	0.011	ug/L		08/30/17 07:58	08/30/17 17:56	1
Heptachlor	ND		0.050	0.0085	ug/L		08/30/17 07:58	08/30/17 17:56	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		08/30/17 07:58	08/30/17 17:56	1
Methoxychlor	ND		0.050	0.014	ug/L		08/30/17 07:58	08/30/17 17:56	1
Toxaphene	ND		0.50	0.12	ug/L		08/30/17 07:58	08/30/17 17:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	46		20 - 120				08/30/17 07:58	08/30/17 17:56	1
DCB Decachlorobiphenyl	43		20 - 120				08/30/17 07:58	08/30/17 17:56	1
Tetrachloro-m-xylene	182	X	44 - 120				08/30/17 07:58	08/30/17 17:56	1
Tetrachloro-m-xylene	114		44 - 120				08/30/17 07:58	08/30/17 17:56	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	*	0.50	0.18	ug/L		08/30/17 14:08	08/31/17 20:11	1
PCB-1221	ND		0.50	0.18	ug/L		08/30/17 14:08	08/31/17 20:11	1
PCB-1232	ND		0.50	0.18	ug/L		08/30/17 14:08	08/31/17 20:11	1
PCB-1242	ND		0.50	0.18	ug/L		08/30/17 14:08	08/31/17 20:11	1
PCB-1248	ND		0.50	0.18	ug/L		08/30/17 14:08	08/31/17 20:11	1
PCB-1254	ND		0.50	0.25	ug/L		08/30/17 14:08	08/31/17 20:11	1
PCB-1260	ND	*	0.50	0.25	ug/L		08/30/17 14:08	08/31/17 20:11	1
PCB-1262	ND		0.50	0.25	ug/L		08/30/17 14:08	08/31/17 20:11	1
PCB-1268	ND		0.50	0.25	ug/L		08/30/17 14:08	08/31/17 20:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	110		39 - 121				08/30/17 14:08	08/31/17 20:11	1
Tetrachloro-m-xylene	103		39 - 121				08/30/17 14:08	08/31/17 20:11	1
DCB Decachlorobiphenyl	63		19 - 120				08/30/17 14:08	08/31/17 20:11	1
DCB Decachlorobiphenyl	74		19 - 120				08/30/17 14:08	08/31/17 20:11	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/30/17 08:26	08/30/17 21:43	1
Antimony	ND		0.020	0.0068	mg/L		08/30/17 08:26	08/30/17 21:43	1
Arsenic	ND		0.015	0.0056	mg/L		08/30/17 08:26	08/30/17 21:43	1
Barium	0.48		0.0020	0.00070	mg/L		08/30/17 08:26	08/30/17 21:43	1
Beryllium	ND		0.0020	0.00030	mg/L		08/30/17 08:26	08/30/17 21:43	1
Cadmium	ND		0.0020	0.00050	mg/L		08/30/17 08:26	08/30/17 21:43	1
Calcium	150		0.50	0.10	mg/L		08/30/17 08:26	08/30/17 21:43	1
Chromium	0.0023	J	0.0040	0.0010	mg/L		08/30/17 08:26	08/30/17 21:43	1
Cobalt	ND		0.0040	0.00063	mg/L		08/30/17 08:26	08/30/17 21:43	1
Copper	ND		0.010	0.0016	mg/L		08/30/17 08:26	08/30/17 21:43	1
Iron	41.2		0.050	0.019	mg/L		08/30/17 08:26	08/30/17 21:43	1
Lead	0.0038	J	0.010	0.0030	mg/L		08/30/17 08:26	08/30/17 21:43	1
Magnesium	33.1		0.20	0.043	mg/L		08/30/17 08:26	08/30/17 21:43	1
Manganese	0.28	B	0.0030	0.00040	mg/L		08/30/17 08:26	08/30/17 21:43	1

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Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123342-1

Client Sample ID: NS-OW36-GW

Lab Sample ID: 480-123342-7

Date Collected: 08/29/17 14:45

Matrix: Water

Date Received: 08/29/17 15:55

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	0.0020	J	0.010	0.0013	mg/L		08/30/17 08:26	08/30/17 21:43	1
Potassium	18.0		0.50	0.10	mg/L		08/30/17 08:26	08/30/17 21:43	1
Selenium	ND		0.025	0.0087	mg/L		08/30/17 08:26	08/30/17 21:43	1
Silver	ND		0.0060	0.0017	mg/L		08/30/17 08:26	08/30/17 21:43	1
Sodium	10.3		1.0	0.32	mg/L		08/30/17 08:26	08/30/17 21:43	1
Thallium	ND		0.020	0.010	mg/L		08/30/17 08:26	08/30/17 21:43	1
Vanadium	ND		0.0050	0.0015	mg/L		08/30/17 08:26	08/30/17 21:43	1
Zinc	0.010		0.010	0.0015	mg/L		08/30/17 08:26	08/30/17 21:43	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/31/17 10:49	08/31/17 18:36	1
Antimony	ND		0.020	0.0068	mg/L		08/31/17 10:49	08/31/17 18:36	1
Arsenic	ND		0.015	0.0056	mg/L		08/31/17 10:49	08/31/17 18:36	1
Barium	0.33		0.0020	0.00070	mg/L		08/31/17 10:49	08/31/17 18:36	1
Beryllium	ND		0.0020	0.00030	mg/L		08/31/17 10:49	08/31/17 18:36	1
Cadmium	ND		0.0020	0.00050	mg/L		08/31/17 10:49	08/31/17 18:36	1
Calcium	152		0.50	0.10	mg/L		08/31/17 10:49	08/31/17 18:36	1
Chromium	0.0010	J	0.0040	0.0010	mg/L		08/31/17 10:49	08/31/17 18:36	1
Cobalt	ND		0.0040	0.00063	mg/L		08/31/17 10:49	08/31/17 18:36	1
Copper	ND		0.010	0.0016	mg/L		08/31/17 10:49	08/31/17 18:36	1
Iron	24.0		0.050	0.019	mg/L		08/31/17 10:49	08/31/17 18:36	1
Lead	ND		0.010	0.0030	mg/L		08/31/17 10:49	08/31/17 18:36	1
Magnesium	33.6		0.20	0.043	mg/L		08/31/17 10:49	08/31/17 18:36	1
Manganese	0.26	B	0.0030	0.00040	mg/L		08/31/17 10:49	08/31/17 18:36	1
Nickel	0.0018	J	0.010	0.0013	mg/L		08/31/17 10:49	08/31/17 18:36	1
Potassium	18.7		0.50	0.10	mg/L		08/31/17 10:49	08/31/17 18:36	1
Selenium	ND		0.025	0.0087	mg/L		08/31/17 10:49	08/31/17 18:36	1
Silver	ND		0.0060	0.0017	mg/L		08/31/17 10:49	08/31/17 18:36	1
Sodium	10.8		1.0	0.32	mg/L		08/31/17 10:49	08/31/17 18:36	1
Thallium	ND		0.020	0.010	mg/L		08/31/17 10:49	08/31/17 18:36	1
Vanadium	ND		0.0050	0.0015	mg/L		08/31/17 10:49	08/31/17 18:36	1
Zinc	0.022	B	0.010	0.0015	mg/L		08/31/17 10:49	08/31/17 18:36	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/30/17 10:55	08/30/17 15:16	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/01/17 10:55	09/01/17 15:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.9		0.50	0.28	mg/L			08/31/17 23:10	1
Sulfate	ND		2.0	0.35	mg/L			08/31/17 23:10	1
Alkalinity, Total	750		5.0	0.79	mg/L			08/30/17 18:15	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161562-1

Client Sample ID: OW-36

Lab Sample ID: 480-161562-5

Date Collected: 10/24/19 12:00

Matrix: Water

Date Received: 10/24/19 17:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		20	16	ug/L			11/04/19 13:42	20
1,1,2,2-Tetrachloroethane	ND		20	4.2	ug/L			11/04/19 13:42	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2	ug/L			11/04/19 13:42	20
1,1,2-Trichloroethane	ND		20	4.6	ug/L			11/04/19 13:42	20
1,1-Dichloroethane	ND		20	7.6	ug/L			11/04/19 13:42	20
1,1-Dichloroethene	ND		20	5.8	ug/L			11/04/19 13:42	20
1,2,4-Trichlorobenzene	ND		20	8.2	ug/L			11/04/19 13:42	20
1,2-Dibromo-3-Chloropropane	ND		20	7.8	ug/L			11/04/19 13:42	20
1,2-Dibromoethane	ND		20	15	ug/L			11/04/19 13:42	20
1,2-Dichlorobenzene	ND		20	16	ug/L			11/04/19 13:42	20
1,2-Dichloroethane	ND		20	4.2	ug/L			11/04/19 13:42	20
1,2-Dichloropropane	ND		20	14	ug/L			11/04/19 13:42	20
1,3-Dichlorobenzene	ND		20	16	ug/L			11/04/19 13:42	20
1,4-Dichlorobenzene	ND		20	17	ug/L			11/04/19 13:42	20
2-Butanone (MEK)	ND		200	26	ug/L			11/04/19 13:42	20
2-Hexanone	ND		100	25	ug/L			11/04/19 13:42	20
4-Methyl-2-pentanone (MIBK)	ND		100	42	ug/L			11/04/19 13:42	20
Acetone	ND		200	60	ug/L			11/04/19 13:42	20
Benzene	ND		20	8.2	ug/L			11/04/19 13:42	20
Bromodichloromethane	ND		20	7.8	ug/L			11/04/19 13:42	20
Bromoform	ND		20	5.2	ug/L			11/04/19 13:42	20
Bromomethane	ND		20	14	ug/L			11/04/19 13:42	20
Carbon disulfide	ND		20	3.8	ug/L			11/04/19 13:42	20
Carbon tetrachloride	ND		20	5.4	ug/L			11/04/19 13:42	20
Chlorobenzene	ND		20	15	ug/L			11/04/19 13:42	20
Chloroethane	ND		20	6.4	ug/L			11/04/19 13:42	20
Chloroform	ND		20	6.8	ug/L			11/04/19 13:42	20
Chloromethane	ND		20	7.0	ug/L			11/04/19 13:42	20
cis-1,2-Dichloroethene	ND		20	16	ug/L			11/04/19 13:42	20
cis-1,3-Dichloropropene	ND		20	7.2	ug/L			11/04/19 13:42	20
Cyclohexane	ND		20	3.6	ug/L			11/04/19 13:42	20
Dibromochloromethane	ND		20	6.4	ug/L			11/04/19 13:42	20
Dichlorodifluoromethane	ND		20	14	ug/L			11/04/19 13:42	20
Ethylbenzene	24		20	15	ug/L			11/04/19 13:42	20
Isopropylbenzene	ND		20	16	ug/L			11/04/19 13:42	20
Methyl acetate	ND		50	26	ug/L			11/04/19 13:42	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			11/04/19 13:42	20
Methylcyclohexane	ND		20	3.2	ug/L			11/04/19 13:42	20
Methylene Chloride	ND		20	8.8	ug/L			11/04/19 13:42	20
Styrene	ND		20	15	ug/L			11/04/19 13:42	20
Tetrachloroethene	ND		20	7.2	ug/L			11/04/19 13:42	20
Toluene	ND		20	10	ug/L			11/04/19 13:42	20
trans-1,2-Dichloroethene	ND		20	18	ug/L			11/04/19 13:42	20
trans-1,3-Dichloropropene	ND		20	7.4	ug/L			11/04/19 13:42	20
Trichloroethene	ND		20	9.2	ug/L			11/04/19 13:42	20
Trichlorofluoromethane	ND		20	18	ug/L			11/04/19 13:42	20
Vinyl chloride	ND		20	18	ug/L			11/04/19 13:42	20
Xylenes, Total	580		40	13	ug/L			11/04/19 13:42	20
t-Butyl alcohol	ND		200	66	ug/L			11/04/19 13:42	20

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161562-1

Client Sample ID: OW-36

Lab Sample ID: 480-161562-5

Date Collected: 10/24/19 12:00

Matrix: Water

Date Received: 10/24/19 17:25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		11/04/19 13:42	20
4-Bromofluorobenzene (Surr)	101		73 - 120		11/04/19 13:42	20
Dibromofluoromethane (Surr)	105		75 - 123		11/04/19 13:42	20
Toluene-d8 (Surr)	94		80 - 120		11/04/19 13:42	20

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		25	2.4	ug/L		10/28/19 15:00	10/29/19 23:00	1
2,4,6-Trichlorophenol	ND		25	3.1	ug/L		10/28/19 15:00	10/29/19 23:00	1
2,4-Dichlorophenol	ND		25	2.6	ug/L		10/28/19 15:00	10/29/19 23:00	1
2,4-Dimethylphenol	3.4	J	25	2.5	ug/L		10/28/19 15:00	10/29/19 23:00	1
2,4-Dinitrophenol	ND		50	11	ug/L		10/28/19 15:00	10/29/19 23:00	1
2,4-Dinitrotoluene	ND		25	2.2	ug/L		10/28/19 15:00	10/29/19 23:00	1
2,6-Dinitrotoluene	ND		25	2.0	ug/L		10/28/19 15:00	10/29/19 23:00	1
2-Chloronaphthalene	ND		25	2.3	ug/L		10/28/19 15:00	10/29/19 23:00	1
2-Chlorophenol	ND		25	2.7	ug/L		10/28/19 15:00	10/29/19 23:00	1
2-Methylnaphthalene	ND		25	3.0	ug/L		10/28/19 15:00	10/29/19 23:00	1
2-Methylphenol	ND		25	2.0	ug/L		10/28/19 15:00	10/29/19 23:00	1
2-Nitroaniline	ND		50	2.1	ug/L		10/28/19 15:00	10/29/19 23:00	1
2-Nitrophenol	ND		25	2.4	ug/L		10/28/19 15:00	10/29/19 23:00	1
3,3'-Dichlorobenzidine	ND		25	2.0	ug/L		10/28/19 15:00	10/29/19 23:00	1
3-Nitroaniline	ND		50	2.4	ug/L		10/28/19 15:00	10/29/19 23:00	1
4,6-Dinitro-2-methylphenol	ND		50	11	ug/L		10/28/19 15:00	10/29/19 23:00	1
4-Bromophenyl phenyl ether	ND		25	2.3	ug/L		10/28/19 15:00	10/29/19 23:00	1
4-Chloro-3-methylphenol	ND		25	2.3	ug/L		10/28/19 15:00	10/29/19 23:00	1
4-Chloroaniline	ND		25	3.0	ug/L		10/28/19 15:00	10/29/19 23:00	1
4-Chlorophenyl phenyl ether	ND		25	1.8	ug/L		10/28/19 15:00	10/29/19 23:00	1
4-Methylphenol	ND		50	1.8	ug/L		10/28/19 15:00	10/29/19 23:00	1
4-Nitroaniline	ND		50	1.3	ug/L		10/28/19 15:00	10/29/19 23:00	1
4-Nitrophenol	ND		50	7.6	ug/L		10/28/19 15:00	10/29/19 23:00	1
Acenaphthene	ND		25	2.1	ug/L		10/28/19 15:00	10/29/19 23:00	1
Acenaphthylene	ND		25	1.9	ug/L		10/28/19 15:00	10/29/19 23:00	1
Acetophenone	3.6	J	25	2.7	ug/L		10/28/19 15:00	10/29/19 23:00	1
Anthracene	ND		25	1.4	ug/L		10/28/19 15:00	10/29/19 23:00	1
Atrazine	ND	*	25	2.3	ug/L		10/28/19 15:00	10/29/19 23:00	1
Benzaldehyde	ND		25	1.3	ug/L		10/28/19 15:00	10/29/19 23:00	1
Benzo(a)anthracene	ND	*	25	1.8	ug/L		10/28/19 15:00	10/29/19 23:00	1
Benzo(a)pyrene	ND		25	2.4	ug/L		10/28/19 15:00	10/29/19 23:00	1
Benzo(b)fluoranthene	ND		25	1.7	ug/L		10/28/19 15:00	10/29/19 23:00	1
Benzo(g,h,i)perylene	ND		25	1.8	ug/L		10/28/19 15:00	10/29/19 23:00	1
Benzo(k)fluoranthene	ND		25	3.7	ug/L		10/28/19 15:00	10/29/19 23:00	1
Biphenyl	ND		25	3.3	ug/L		10/28/19 15:00	10/29/19 23:00	1
bis (2-chloroisopropyl) ether	ND		25	2.6	ug/L		10/28/19 15:00	10/29/19 23:00	1
Bis(2-chloroethoxy)methane	ND		25	1.8	ug/L		10/28/19 15:00	10/29/19 23:00	1
Bis(2-chloroethyl)ether	ND		25	2.0	ug/L		10/28/19 15:00	10/29/19 23:00	1
Bis(2-ethylhexyl) phthalate	ND		25	11	ug/L		10/28/19 15:00	10/29/19 23:00	1
Butyl benzyl phthalate	ND		25	5.0	ug/L		10/28/19 15:00	10/29/19 23:00	1
Caprolactam	ND		25	11	ug/L		10/28/19 15:00	10/29/19 23:00	1
Carbazole	ND		25	1.5	ug/L		10/28/19 15:00	10/29/19 23:00	1
Chrysene	ND		25	1.7	ug/L		10/28/19 15:00	10/29/19 23:00	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161562-1

Client Sample ID: OW-36

Lab Sample ID: 480-161562-5

Date Collected: 10/24/19 12:00

Matrix: Water

Date Received: 10/24/19 17:25

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		25	2.1	ug/L		10/28/19 15:00	10/29/19 23:00	1
Dibenzofuran	ND		50	2.6	ug/L		10/28/19 15:00	10/29/19 23:00	1
Diethyl phthalate	ND		25	1.1	ug/L		10/28/19 15:00	10/29/19 23:00	1
Dimethyl phthalate	ND		25	1.8	ug/L		10/28/19 15:00	10/29/19 23:00	1
Di-n-butyl phthalate	ND		25	1.6	ug/L		10/28/19 15:00	10/29/19 23:00	1
Di-n-octyl phthalate	ND		25	2.4	ug/L		10/28/19 15:00	10/29/19 23:00	1
Fluoranthene	ND		25	2.0	ug/L		10/28/19 15:00	10/29/19 23:00	1
Fluorene	ND		25	1.8	ug/L		10/28/19 15:00	10/29/19 23:00	1
Hexachlorobenzene	ND		25	2.6	ug/L		10/28/19 15:00	10/29/19 23:00	1
Hexachlorobutadiene	ND		25	3.4	ug/L		10/28/19 15:00	10/29/19 23:00	1
Hexachlorocyclopentadiene	ND		25	3.0	ug/L		10/28/19 15:00	10/29/19 23:00	1
Hexachloroethane	ND		25	3.0	ug/L		10/28/19 15:00	10/29/19 23:00	1
Indeno(1,2,3-cd)pyrene	ND		25	2.4	ug/L		10/28/19 15:00	10/29/19 23:00	1
Isophorone	ND		25	2.2	ug/L		10/28/19 15:00	10/29/19 23:00	1
Naphthalene	9.5	J	25	3.8	ug/L		10/28/19 15:00	10/29/19 23:00	1
Nitrobenzene	ND		25	1.5	ug/L		10/28/19 15:00	10/29/19 23:00	1
N-Nitrosodi-n-propylamine	ND		25	2.7	ug/L		10/28/19 15:00	10/29/19 23:00	1
N-Nitrosodiphenylamine	ND		25	2.6	ug/L		10/28/19 15:00	10/29/19 23:00	1
Pentachlorophenol	ND		50	11	ug/L		10/28/19 15:00	10/29/19 23:00	1
Phenanthrene	ND		25	2.2	ug/L		10/28/19 15:00	10/29/19 23:00	1
Phenol	ND		25	2.0	ug/L		10/28/19 15:00	10/29/19 23:00	1
Pyrene	ND *		25	1.7	ug/L		10/28/19 15:00	10/29/19 23:00	1
Benzoic acid	ND		750	500	ug/L		10/28/19 15:00	10/29/19 23:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	108		41 - 120	10/28/19 15:00	10/29/19 23:00	1
2-Fluorobiphenyl	114		48 - 120	10/28/19 15:00	10/29/19 23:00	1
2-Fluorophenol	71		35 - 120	10/28/19 15:00	10/29/19 23:00	1
Nitrobenzene-d5	94		46 - 120	10/28/19 15:00	10/29/19 23:00	1
Phenol-d5	52		22 - 120	10/28/19 15:00	10/29/19 23:00	1
p-Terphenyl-d14	114		60 - 148	10/28/19 15:00	10/29/19 23:00	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		10/30/19 15:04	10/31/19 15:58	1
4,4'-DDE	ND		0.050	0.012	ug/L		10/30/19 15:04	10/31/19 15:58	1
4,4'-DDT	ND		0.050	0.011	ug/L		10/30/19 15:04	10/31/19 15:58	1
Aldrin	ND		0.050	0.0081	ug/L		10/30/19 15:04	10/31/19 15:58	1
alpha-BHC	ND		0.050	0.0077	ug/L		10/30/19 15:04	10/31/19 15:58	1
cis-Chlordane	ND		0.050	0.015	ug/L		10/30/19 15:04	10/31/19 15:58	1
beta-BHC	ND		0.050	0.025	ug/L		10/30/19 15:04	10/31/19 15:58	1
delta-BHC	0.050		0.050	0.010	ug/L		10/30/19 15:04	10/31/19 15:58	1
Dieldrin	ND		0.050	0.0098	ug/L		10/30/19 15:04	10/31/19 15:58	1
Endosulfan I	ND		0.050	0.011	ug/L		10/30/19 15:04	10/31/19 15:58	1
Endosulfan II	ND		0.050	0.012	ug/L		10/30/19 15:04	10/31/19 15:58	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		10/30/19 15:04	10/31/19 15:58	1
Endrin	ND		0.050	0.014	ug/L		10/30/19 15:04	10/31/19 15:58	1
Endrin aldehyde	0.021	J	0.050	0.016	ug/L		10/30/19 15:04	10/31/19 15:58	1
Endrin ketone	ND		0.050	0.012	ug/L		10/30/19 15:04	10/31/19 15:58	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		10/30/19 15:04	10/31/19 15:58	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161562-1

Client Sample ID: OW-36

Lab Sample ID: 480-161562-5

Date Collected: 10/24/19 12:00

Matrix: Water

Date Received: 10/24/19 17:25

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-Chlordane	ND		0.050	0.011	ug/L		10/30/19 15:04	10/31/19 15:58	1
Heptachlor	ND		0.050	0.0085	ug/L		10/30/19 15:04	10/31/19 15:58	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		10/30/19 15:04	10/31/19 15:58	1
Methoxychlor	ND		0.050	0.014	ug/L		10/30/19 15:04	10/31/19 15:58	1
Toxaphene	ND		0.50	0.12	ug/L		10/30/19 15:04	10/31/19 15:58	1
Mirex	ND		0.050	0.0096	ug/L		10/30/19 15:04	10/31/19 15:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	74		20 - 120	10/30/19 15:04	10/31/19 15:58	1
DCB Decachlorobiphenyl	80		20 - 120	10/30/19 15:04	10/31/19 15:58	1
Tetrachloro-m-xylene	95		44 - 120	10/30/19 15:04	10/31/19 15:58	1
Tetrachloro-m-xylene	117		44 - 120	10/30/19 15:04	10/31/19 15:58	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		10/31/19 15:20	11/03/19 18:01	1
PCB-1221	ND		0.50	0.18	ug/L		10/31/19 15:20	11/03/19 18:01	1
PCB-1232	ND		0.50	0.18	ug/L		10/31/19 15:20	11/03/19 18:01	1
PCB-1242	ND		0.50	0.18	ug/L		10/31/19 15:20	11/03/19 18:01	1
PCB-1248	ND		0.50	0.18	ug/L		10/31/19 15:20	11/03/19 18:01	1
PCB-1254	ND		0.50	0.25	ug/L		10/31/19 15:20	11/03/19 18:01	1
PCB-1260	ND		0.50	0.25	ug/L		10/31/19 15:20	11/03/19 18:01	1
PCB-1262	ND		0.50	0.25	ug/L		10/31/19 15:20	11/03/19 18:01	1
PCB-1268	ND		0.50	0.25	ug/L		10/31/19 15:20	11/03/19 18:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	70		39 - 121	10/31/19 15:20	11/03/19 18:01	1
Tetrachloro-m-xylene	67		39 - 121	10/31/19 15:20	11/03/19 18:01	1
DCB Decachlorobiphenyl	56		19 - 120	10/31/19 15:20	11/03/19 18:01	1
DCB Decachlorobiphenyl	68		19 - 120	10/31/19 15:20	11/03/19 18:01	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/06/19 14:05	11/07/19 11:19	1
Antimony	ND		0.020	0.0068	mg/L		11/06/19 14:05	11/07/19 11:19	1
Arsenic	ND		0.015	0.0056	mg/L		11/06/19 14:05	11/07/19 11:19	1
Barium	1.0		0.0020	0.00070	mg/L		11/06/19 14:05	11/07/19 11:19	1
Beryllium	ND		0.0020	0.00030	mg/L		11/06/19 14:05	11/07/19 11:19	1
Cadmium	ND		0.0020	0.00050	mg/L		11/06/19 14:05	11/07/19 11:19	1
Calcium	172		0.50	0.10	mg/L		11/06/19 14:05	11/07/19 11:19	1
Chromium	0.0015 J		0.0040	0.0010	mg/L		11/06/19 14:05	11/07/19 11:19	1
Cobalt	ND		0.0040	0.00063	mg/L		11/06/19 14:05	11/07/19 11:19	1
Copper	ND		0.010	0.0016	mg/L		11/06/19 14:05	11/07/19 11:19	1
Iron	38.4		0.050	0.019	mg/L		11/06/19 14:05	11/07/19 11:19	1
Lead	0.0038 J		0.010	0.0030	mg/L		11/06/19 14:05	11/07/19 11:19	1
Magnesium	45.3		0.20	0.043	mg/L		11/06/19 14:05	11/07/19 11:19	1
Manganese	0.35		0.0030	0.00040	mg/L		11/06/19 14:05	11/07/19 11:19	1
Nickel	ND		0.010	0.0013	mg/L		11/06/19 14:05	11/07/19 11:19	1
Potassium	20.9		0.50	0.10	mg/L		11/06/19 14:05	11/07/19 11:19	1
Selenium	ND		0.025	0.0087	mg/L		11/06/19 14:05	11/07/19 11:19	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161562-1

Client Sample ID: OW-36

Lab Sample ID: 480-161562-5

Date Collected: 10/24/19 12:00

Matrix: Water

Date Received: 10/24/19 17:25

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		11/06/19 14:05	11/07/19 11:19	1
Sodium	21.6		1.0	0.32	mg/L		11/06/19 14:05	11/07/19 11:19	1
Thallium	ND		0.020	0.010	mg/L		11/06/19 14:05	11/07/19 11:19	1
Vanadium	ND		0.0050	0.0015	mg/L		11/06/19 14:05	11/07/19 11:19	1
Zinc	ND		0.010	0.0015	mg/L		11/06/19 14:05	11/07/19 11:19	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/04/19 11:22	11/04/19 15:09	1

Well OW-37

Client Sample Results

Client: New York State D.E.C.
Project/Site: NYSDEC - Nash Rd. LF: Site# 932054

TestAmerica Job ID: 480-60169-1

Client Sample ID: OW-37

Date Collected: 05/20/14 10:40

Date Received: 05/20/14 16:30

Lab Sample ID: 480-60219-1

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/23/14 08:26	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/23/14 08:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/23/14 08:26	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/23/14 08:26	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/23/14 08:26	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/23/14 08:26	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/23/14 08:26	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/23/14 08:26	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/23/14 08:26	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/23/14 08:26	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/23/14 08:26	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/23/14 08:26	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/23/14 08:26	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/23/14 08:26	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/23/14 08:26	1
2-Hexanone	ND		5.0	1.2	ug/L			05/23/14 08:26	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/23/14 08:26	1
Acetone	4.6	J	10	3.0	ug/L			05/23/14 08:26	1
Benzene	ND		1.0	0.41	ug/L			05/23/14 08:26	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/23/14 08:26	1
Bromoform	ND		1.0	0.26	ug/L			05/23/14 08:26	1
Bromomethane	ND		1.0	0.69	ug/L			05/23/14 08:26	1
Carbon disulfide	1.0		1.0	0.19	ug/L			05/23/14 08:26	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/23/14 08:26	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/23/14 08:26	1
Chloroethane	ND		1.0	0.32	ug/L			05/23/14 08:26	1
Chloroform	ND		1.0	0.34	ug/L			05/23/14 08:26	1
Chloromethane	ND		1.0	0.35	ug/L			05/23/14 08:26	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/23/14 08:26	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/23/14 08:26	1
Cyclohexane	ND		1.0	0.18	ug/L			05/23/14 08:26	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/23/14 08:26	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/23/14 08:26	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/23/14 08:26	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/23/14 08:26	1
Methyl acetate	ND		2.5	0.50	ug/L			05/23/14 08:26	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/23/14 08:26	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/23/14 08:26	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/23/14 08:26	1
Styrene	ND		1.0	0.73	ug/L			05/23/14 08:26	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/23/14 08:26	1
Toluene	ND		1.0	0.51	ug/L			05/23/14 08:26	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/23/14 08:26	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/23/14 08:26	1
Trichloroethene	ND		1.0	0.46	ug/L			05/23/14 08:26	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/23/14 08:26	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/23/14 08:26	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/23/14 08:26	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: NYSDEC - Nash Rd. LF: Site# 932054

TestAmerica Job ID: 480-60169-1

Client Sample ID: OW-37

Lab Sample ID: 480-60219-1

Date Collected: 05/20/14 10:40

Matrix: Water

Date Received: 05/20/14 16:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		66 - 137		05/23/14 08:26	1
4-Bromofluorobenzene (Surr)	101		73 - 120		05/23/14 08:26	1
Toluene-d8 (Surr)	106		71 - 126		05/23/14 08:26	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		4.8	0.62	ug/L		05/21/14 11:27	05/30/14 15:30	1
bis (2-chloroisopropyl) ether	ND		4.8	0.50	ug/L		05/21/14 11:27	05/30/14 15:30	1
2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L		05/21/14 11:27	05/30/14 15:30	1
2,4,6-Trichlorophenol	ND		4.8	0.58	ug/L		05/21/14 11:27	05/30/14 15:30	1
2,4-Dichlorophenol	ND	*	4.8	0.49	ug/L		05/21/14 11:27	05/30/14 15:30	1
2,4-Dimethylphenol	ND		4.8	0.48	ug/L		05/21/14 11:27	05/30/14 15:30	1
2,4-Dinitrophenol	ND		9.5	2.1	ug/L		05/21/14 11:27	05/30/14 15:30	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		05/21/14 11:27	05/30/14 15:30	1
2,6-Dinitrotoluene	ND		4.8	0.38	ug/L		05/21/14 11:27	05/30/14 15:30	1
2-Chloronaphthalene	ND		4.8	0.44	ug/L		05/21/14 11:27	05/30/14 15:30	1
2-Chlorophenol	ND		4.8	0.51	ug/L		05/21/14 11:27	05/30/14 15:30	1
2-Methylnaphthalene	ND		4.8	0.57	ug/L		05/21/14 11:27	05/30/14 15:30	1
2-Methylphenol	ND		4.8	0.38	ug/L		05/21/14 11:27	05/30/14 15:30	1
2-Nitroaniline	ND		9.5	0.40	ug/L		05/21/14 11:27	05/30/14 15:30	1
2-Nitrophenol	ND		4.8	0.46	ug/L		05/21/14 11:27	05/30/14 15:30	1
3,3'-Dichlorobenzidine	ND		4.8	0.38	ug/L		05/21/14 11:27	05/30/14 15:30	1
3-Nitroaniline	ND	*	9.5	0.46	ug/L		05/21/14 11:27	05/30/14 15:30	1
4,6-Dinitro-2-methylphenol	ND		9.5	2.1	ug/L		05/21/14 11:27	05/30/14 15:30	1
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L		05/21/14 11:27	05/30/14 15:30	1
4-Chloro-3-methylphenol	ND		4.8	0.43	ug/L		05/21/14 11:27	05/30/14 15:30	1
4-Chloroaniline	ND		4.8	0.56	ug/L		05/21/14 11:27	05/30/14 15:30	1
4-Chlorophenyl phenyl ether	ND		4.8	0.33	ug/L		05/21/14 11:27	05/30/14 15:30	1
4-Methylphenol	1.8	J * B	9.5	0.34	ug/L		05/21/14 11:27	05/30/14 15:30	1
4-Nitroaniline	ND		9.5	0.24	ug/L		05/21/14 11:27	05/30/14 15:30	1
4-Nitrophenol	ND		9.5	1.4	ug/L		05/21/14 11:27	05/30/14 15:30	1
Acenaphthene	ND		4.8	0.39	ug/L		05/21/14 11:27	05/30/14 15:30	1
Acenaphthylene	ND		4.8	0.36	ug/L		05/21/14 11:27	05/30/14 15:30	1
Acetophenone	ND		4.8	0.52	ug/L		05/21/14 11:27	05/30/14 15:30	1
Anthracene	ND		4.8	0.27	ug/L		05/21/14 11:27	05/30/14 15:30	1
Atrazine	ND		4.8	0.44	ug/L		05/21/14 11:27	05/30/14 15:30	1
Benzaldehyde	0.32	J B	4.8	0.25	ug/L		05/21/14 11:27	05/30/14 15:30	1
Benzo(a)anthracene	ND		4.8	0.34	ug/L		05/21/14 11:27	05/30/14 15:30	1
Benzo(a)pyrene	ND		4.8	0.45	ug/L		05/21/14 11:27	05/30/14 15:30	1
Benzo(b)fluoranthene	ND		4.8	0.32	ug/L		05/21/14 11:27	05/30/14 15:30	1
Benzo(g,h,i)perylene	ND		4.8	0.33	ug/L		05/21/14 11:27	05/30/14 15:30	1
Benzo(k)fluoranthene	ND		4.8	0.70	ug/L		05/21/14 11:27	05/30/14 15:30	1
Bis(2-chloroethoxy)methane	ND		4.8	0.33	ug/L		05/21/14 11:27	05/30/14 15:30	1
Bis(2-chloroethyl)ether	ND		4.8	0.38	ug/L		05/21/14 11:27	05/30/14 15:30	1
Bis(2-ethylhexyl) phthalate	ND		4.8	1.7	ug/L		05/21/14 11:27	05/30/14 15:30	1
Butyl benzyl phthalate	ND		4.8	0.40	ug/L		05/21/14 11:27	05/30/14 15:30	1
Caprolactam	ND		4.8	2.1	ug/L		05/21/14 11:27	05/30/14 15:30	1
Carbazole	ND		4.8	0.29	ug/L		05/21/14 11:27	05/30/14 15:30	1
Chrysene	ND		4.8	0.31	ug/L		05/21/14 11:27	05/30/14 15:30	1
Di-n-butyl phthalate	0.40	J B	4.8	0.30	ug/L		05/21/14 11:27	05/30/14 15:30	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: NYSDEC - Nash Rd. LF: Site# 932054

TestAmerica Job ID: 480-60169-1

Client Sample ID: OW-37

Lab Sample ID: 480-60219-1

Date Collected: 05/20/14 10:40

Matrix: Water

Date Received: 05/20/14 16:30

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		4.8	0.45	ug/L		05/21/14 11:27	05/30/14 15:30	1
Dibenz(a,h)anthracene	ND		4.8	0.40	ug/L		05/21/14 11:27	05/30/14 15:30	1
Dibenzofuran	ND		9.5	0.49	ug/L		05/21/14 11:27	05/30/14 15:30	1
Diethyl phthalate	ND		4.8	0.21	ug/L		05/21/14 11:27	05/30/14 15:30	1
Dimethyl phthalate	ND		4.8	0.34	ug/L		05/21/14 11:27	05/30/14 15:30	1
Fluoranthene	ND		4.8	0.38	ug/L		05/21/14 11:27	05/30/14 15:30	1
Fluorene	ND		4.8	0.34	ug/L		05/21/14 11:27	05/30/14 15:30	1
Hexachlorobenzene	ND *		4.8	0.49	ug/L		05/21/14 11:27	05/30/14 15:30	1
Hexachlorobutadiene	ND		4.8	0.65	ug/L		05/21/14 11:27	05/30/14 15:30	1
Hexachlorocyclopentadiene	ND		4.8	0.56	ug/L		05/21/14 11:27	05/30/14 15:30	1
Hexachloroethane	ND		4.8	0.56	ug/L		05/21/14 11:27	05/30/14 15:30	1
Indeno(1,2,3-cd)pyrene	ND *		4.8	0.45	ug/L		05/21/14 11:27	05/30/14 15:30	1
Isophorone	ND		4.8	0.41	ug/L		05/21/14 11:27	05/30/14 15:30	1
N-Nitrosodi-n-propylamine	ND		4.8	0.52	ug/L		05/21/14 11:27	05/30/14 15:30	1
N-Nitrosodiphenylamine	ND		4.8	0.49	ug/L		05/21/14 11:27	05/30/14 15:30	1
Naphthalene	2.0	J	4.8	0.72	ug/L		05/21/14 11:27	05/30/14 15:30	1
Nitrobenzene	ND		4.8	0.28	ug/L		05/21/14 11:27	05/30/14 15:30	1
Pentachlorophenol	ND		9.5	2.1	ug/L		05/21/14 11:27	05/30/14 15:30	1
Phenanthrene	0.85	J	4.8	0.42	ug/L		05/21/14 11:27	05/30/14 15:30	1
Phenol	ND		4.8	0.37	ug/L		05/21/14 11:27	05/30/14 15:30	1
Pyrene	ND		4.8	0.32	ug/L		05/21/14 11:27	05/30/14 15:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	110		52 - 132	05/21/14 11:27	05/30/14 15:30	1
2-Fluorobiphenyl	97		48 - 120	05/21/14 11:27	05/30/14 15:30	1
2-Fluorophenol	63		20 - 120	05/21/14 11:27	05/30/14 15:30	1
Nitrobenzene-d5	86		46 - 120	05/21/14 11:27	05/30/14 15:30	1
p-Terphenyl-d14	102		67 - 150	05/21/14 11:27	05/30/14 15:30	1
Phenol-d5	53		16 - 120	05/21/14 11:27	05/30/14 15:30	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.032	J B	0.046	0.0085	ug/L		05/22/14 06:42	05/23/14 10:43	1
4,4'-DDE	0.015	J	0.046	0.011	ug/L		05/22/14 06:42	05/23/14 10:43	1
4,4'-DDT	0.051		0.046	0.010	ug/L		05/22/14 06:42	05/23/14 10:43	1
Aldrin	ND		0.046	0.0075	ug/L		05/22/14 06:42	05/23/14 10:43	1
alpha-BHC	0.029	J B	0.046	0.0071	ug/L		05/22/14 06:42	05/23/14 10:43	1
alpha-Chlordane	ND		0.046	0.014	ug/L		05/22/14 06:42	05/23/14 10:43	1
beta-BHC	ND		0.046	0.023	ug/L		05/22/14 06:42	05/23/14 10:43	1
delta-BHC	ND		0.046	0.0093	ug/L		05/22/14 06:42	05/23/14 10:43	1
Dieldrin	0.0094	J	0.046	0.0091	ug/L		05/22/14 06:42	05/23/14 10:43	1
Endosulfan I	ND		0.046	0.010	ug/L		05/22/14 06:42	05/23/14 10:43	1
Endosulfan II	0.011	J	0.046	0.011	ug/L		05/22/14 06:42	05/23/14 10:43	1
Endosulfan sulfate	ND		0.046	0.015	ug/L		05/22/14 06:42	05/23/14 10:43	1
Endrin	0.019	J	0.046	0.013	ug/L		05/22/14 06:42	05/23/14 10:43	1
Endrin aldehyde	0.042	J	0.046	0.015	ug/L		05/22/14 06:42	05/23/14 10:43	1
Endrin ketone	ND		0.046	0.011	ug/L		05/22/14 06:42	05/23/14 10:43	1
gamma-BHC (Lindane)	ND		0.046	0.0074	ug/L		05/22/14 06:42	05/23/14 10:43	1
gamma-Chlordane	0.020	J	0.046	0.010	ug/L		05/22/14 06:42	05/23/14 10:43	1
Heptachlor	ND		0.046	0.0079	ug/L		05/22/14 06:42	05/23/14 10:43	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: NYSDEC - Nash Rd. LF: Site# 932054

TestAmerica Job ID: 480-60169-1

Client Sample ID: OW-37

Lab Sample ID: 480-60219-1

Date Collected: 05/20/14 10:40

Matrix: Water

Date Received: 05/20/14 16:30

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	0.018	J	0.046	0.0069	ug/L		05/22/14 06:42	05/23/14 10:43	1
Methoxychlor	0.053		0.046	0.013	ug/L		05/22/14 06:42	05/23/14 10:43	1
Toxaphene	ND		0.46	0.11	ug/L		05/22/14 06:42	05/23/14 10:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	34		20 - 120				05/22/14 06:42	05/23/14 10:43	1
DCB Decachlorobiphenyl	41		20 - 120				05/22/14 06:42	05/23/14 10:43	1
Tetrachloro-m-xylene	71		36 - 120				05/22/14 06:42	05/23/14 10:43	1
Tetrachloro-m-xylene	76		36 - 120				05/22/14 06:42	05/23/14 10:43	1

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		0.48	0.14	ug/L		05/22/14 06:55	05/29/14 12:18	1
Silvex (2,4,5-TP)	ND		0.48	0.34	ug/L		05/22/14 06:55	05/29/14 12:18	1
2,4-D	ND		0.48	0.38	ug/L		05/22/14 06:55	05/29/14 12:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	104		40 - 135				05/22/14 06:55	05/29/14 12:18	1
2,4-Dichlorophenylacetic acid	106		40 - 135				05/22/14 06:55	05/29/14 12:18	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0068	J	0.015	0.0056	mg/L		05/21/14 09:15	05/21/14 19:13	1
Barium	0.27		0.0020	0.00070	mg/L		05/21/14 09:15	05/21/14 19:13	1
Cadmium	ND		0.0020	0.00050	mg/L		05/21/14 09:15	05/21/14 19:13	1
Chromium	ND		0.0040	0.0010	mg/L		05/21/14 09:15	05/21/14 19:13	1
Lead	0.0049	J	0.010	0.0030	mg/L		05/21/14 09:15	05/21/14 19:13	1
Selenium	ND		0.025	0.0087	mg/L		05/21/14 09:15	05/21/14 19:13	1
Silver	ND		0.0060	0.0017	mg/L		05/21/14 09:15	05/21/14 19:13	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	^	0.00020	0.00012	mg/L		05/22/14 12:00	05/22/14 16:26	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123342-1

Client Sample ID: NS-OW37-GW

Lab Sample ID: 480-123342-6

Date Collected: 08/29/17 13:45

Matrix: Water

Date Received: 08/29/17 15:55

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/31/17 04:38	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/31/17 04:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/31/17 04:38	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/31/17 04:38	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/31/17 04:38	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/31/17 04:38	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/31/17 04:38	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/31/17 04:38	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/31/17 04:38	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/31/17 04:38	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/31/17 04:38	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/31/17 04:38	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/31/17 04:38	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/31/17 04:38	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/31/17 04:38	1
2-Hexanone	ND		5.0	1.2	ug/L			08/31/17 04:38	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/31/17 04:38	1
Acetone	3.1	J	10	3.0	ug/L			08/31/17 04:38	1
Benzene	ND		1.0	0.41	ug/L			08/31/17 04:38	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/31/17 04:38	1
Bromoform	ND		1.0	0.26	ug/L			08/31/17 04:38	1
Bromomethane	ND		1.0	0.69	ug/L			08/31/17 04:38	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/31/17 04:38	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/31/17 04:38	1
Chlorobenzene	0.96	J	1.0	0.75	ug/L			08/31/17 04:38	1
Chloroethane	ND		1.0	0.32	ug/L			08/31/17 04:38	1
Chloroform	ND		1.0	0.34	ug/L			08/31/17 04:38	1
Chloromethane	ND		1.0	0.35	ug/L			08/31/17 04:38	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/31/17 04:38	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/31/17 04:38	1
Cyclohexane	ND		1.0	0.18	ug/L			08/31/17 04:38	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/31/17 04:38	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/31/17 04:38	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/31/17 04:38	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/31/17 04:38	1
Methyl acetate	ND		2.5	1.3	ug/L			08/31/17 04:38	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/31/17 04:38	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/31/17 04:38	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/31/17 04:38	1
Styrene	ND		1.0	0.73	ug/L			08/31/17 04:38	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/31/17 04:38	1
Toluene	ND		1.0	0.51	ug/L			08/31/17 04:38	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/31/17 04:38	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/31/17 04:38	1
Trichloroethene	ND		1.0	0.46	ug/L			08/31/17 04:38	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/31/17 04:38	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/31/17 04:38	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/31/17 04:38	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123342-1

Client Sample ID: NS-OW37-GW

Lab Sample ID: 480-123342-6

Date Collected: 08/29/17 13:45

Matrix: Water

Date Received: 08/29/17 15:55

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		08/31/17 04:38	1
4-Bromofluorobenzene (Surr)	96		73 - 120		08/31/17 04:38	1
Toluene-d8 (Surr)	98		80 - 120		08/31/17 04:38	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		08/30/17 07:49	08/31/17 18:35	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		08/30/17 07:49	08/31/17 18:35	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		08/30/17 07:49	08/31/17 18:35	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		08/30/17 07:49	08/31/17 18:35	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		08/30/17 07:49	08/31/17 18:35	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		08/30/17 07:49	08/31/17 18:35	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		08/30/17 07:49	08/31/17 18:35	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		08/30/17 07:49	08/31/17 18:35	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		08/30/17 07:49	08/31/17 18:35	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		08/30/17 07:49	08/31/17 18:35	1
2-Chlorophenol	ND		5.0	0.53	ug/L		08/30/17 07:49	08/31/17 18:35	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/30/17 07:49	08/31/17 18:35	1
2-Methylphenol	ND		5.0	0.40	ug/L		08/30/17 07:49	08/31/17 18:35	1
2-Nitroaniline	ND		10	0.42	ug/L		08/30/17 07:49	08/31/17 18:35	1
2-Nitrophenol	ND		5.0	0.48	ug/L		08/30/17 07:49	08/31/17 18:35	1
3,3'-Dichlorobenzidine	ND	*	5.0	0.40	ug/L		08/30/17 07:49	08/31/17 18:35	1
3-Nitroaniline	ND		10	0.48	ug/L		08/30/17 07:49	08/31/17 18:35	1
4,6-Dinitro-2-methylphenol	ND	*	10	2.2	ug/L		08/30/17 07:49	08/31/17 18:35	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		08/30/17 07:49	08/31/17 18:35	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		08/30/17 07:49	08/31/17 18:35	1
4-Chloroaniline	ND		5.0	0.59	ug/L		08/30/17 07:49	08/31/17 18:35	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		08/30/17 07:49	08/31/17 18:35	1
4-Methylphenol	ND		10	0.36	ug/L		08/30/17 07:49	08/31/17 18:35	1
4-Nitroaniline	ND		10	0.25	ug/L		08/30/17 07:49	08/31/17 18:35	1
4-Nitrophenol	ND		10	1.5	ug/L		08/30/17 07:49	08/31/17 18:35	1
Acenaphthene	ND		5.0	0.41	ug/L		08/30/17 07:49	08/31/17 18:35	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/30/17 07:49	08/31/17 18:35	1
Acetophenone	ND		5.0	0.54	ug/L		08/30/17 07:49	08/31/17 18:35	1
Anthracene	ND		5.0	0.28	ug/L		08/30/17 07:49	08/31/17 18:35	1
Atrazine	ND		5.0	0.46	ug/L		08/30/17 07:49	08/31/17 18:35	1
Benzaldehyde	ND		5.0	0.27	ug/L		08/30/17 07:49	08/31/17 18:35	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		08/30/17 07:49	08/31/17 18:35	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		08/30/17 07:49	08/31/17 18:35	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		08/30/17 07:49	08/31/17 18:35	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		08/30/17 07:49	08/31/17 18:35	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		08/30/17 07:49	08/31/17 18:35	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		08/30/17 07:49	08/31/17 18:35	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		08/30/17 07:49	08/31/17 18:35	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		08/30/17 07:49	08/31/17 18:35	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		08/30/17 07:49	08/31/17 18:35	1
Caprolactam	ND		5.0	2.2	ug/L		08/30/17 07:49	08/31/17 18:35	1
Carbazole	ND		5.0	0.30	ug/L		08/30/17 07:49	08/31/17 18:35	1
Chrysene	ND		5.0	0.33	ug/L		08/30/17 07:49	08/31/17 18:35	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		08/30/17 07:49	08/31/17 18:35	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123342-1

Client Sample ID: NS-OW37-GW

Lab Sample ID: 480-123342-6

Date Collected: 08/29/17 13:45

Matrix: Water

Date Received: 08/29/17 15:55

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		08/30/17 07:49	08/31/17 18:35	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/30/17 07:49	08/31/17 18:35	1
Dibenzofuran	ND		10	0.51	ug/L		08/30/17 07:49	08/31/17 18:35	1
Diethyl phthalate	ND		5.0	0.22	ug/L		08/30/17 07:49	08/31/17 18:35	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		08/30/17 07:49	08/31/17 18:35	1
Fluoranthene	ND		5.0	0.40	ug/L		08/30/17 07:49	08/31/17 18:35	1
Fluorene	ND		5.0	0.36	ug/L		08/30/17 07:49	08/31/17 18:35	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		08/30/17 07:49	08/31/17 18:35	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		08/30/17 07:49	08/31/17 18:35	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		08/30/17 07:49	08/31/17 18:35	1
Hexachloroethane	ND		5.0	0.59	ug/L		08/30/17 07:49	08/31/17 18:35	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		08/30/17 07:49	08/31/17 18:35	1
Isophorone	ND		5.0	0.43	ug/L		08/30/17 07:49	08/31/17 18:35	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		08/30/17 07:49	08/31/17 18:35	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		08/30/17 07:49	08/31/17 18:35	1
Naphthalene	ND		5.0	0.76	ug/L		08/30/17 07:49	08/31/17 18:35	1
Nitrobenzene	ND		5.0	0.29	ug/L		08/30/17 07:49	08/31/17 18:35	1
Pentachlorophenol	ND		10	2.2	ug/L		08/30/17 07:49	08/31/17 18:35	1
Phenanthrene	ND		5.0	0.44	ug/L		08/30/17 07:49	08/31/17 18:35	1
Phenol	ND		5.0	0.39	ug/L		08/30/17 07:49	08/31/17 18:35	1
Pyrene	ND		5.0	0.34	ug/L		08/30/17 07:49	08/31/17 18:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	110		41 - 120	08/30/17 07:49	08/31/17 18:35	1
2-Fluorobiphenyl	90		48 - 120	08/30/17 07:49	08/31/17 18:35	1
2-Fluorophenol	72		35 - 120	08/30/17 07:49	08/31/17 18:35	1
Nitrobenzene-d5	96		46 - 120	08/30/17 07:49	08/31/17 18:35	1
p-Terphenyl-d14	65		59 - 136	08/30/17 07:49	08/31/17 18:35	1
Phenol-d5	55		22 - 120	08/30/17 07:49	08/31/17 18:35	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.051	0.0094	ug/L		08/30/17 07:58	08/30/17 17:36	1
4,4'-DDE	ND		0.051	0.012	ug/L		08/30/17 07:58	08/30/17 17:36	1
4,4'-DDT	0.019	J	0.051	0.011	ug/L		08/30/17 07:58	08/30/17 17:36	1
Aldrin	ND		0.051	0.0083	ug/L		08/30/17 07:58	08/30/17 17:36	1
alpha-BHC	ND		0.051	0.0079	ug/L		08/30/17 07:58	08/30/17 17:36	1
alpha-Chlordane	ND		0.051	0.015	ug/L		08/30/17 07:58	08/30/17 17:36	1
beta-BHC	ND		0.051	0.025	ug/L		08/30/17 07:58	08/30/17 17:36	1
delta-BHC	ND		0.051	0.010	ug/L		08/30/17 07:58	08/30/17 17:36	1
Dieldrin	ND		0.051	0.010	ug/L		08/30/17 07:58	08/30/17 17:36	1
Endosulfan I	ND		0.051	0.011	ug/L		08/30/17 07:58	08/30/17 17:36	1
Endosulfan II	ND		0.051	0.012	ug/L		08/30/17 07:58	08/30/17 17:36	1
Endosulfan sulfate	ND		0.051	0.016	ug/L		08/30/17 07:58	08/30/17 17:36	1
Endrin	ND		0.051	0.014	ug/L		08/30/17 07:58	08/30/17 17:36	1
Endrin aldehyde	ND		0.051	0.017	ug/L		08/30/17 07:58	08/30/17 17:36	1
Endrin ketone	ND		0.051	0.012	ug/L		08/30/17 07:58	08/30/17 17:36	1
gamma-BHC (Lindane)	ND		0.051	0.0082	ug/L		08/30/17 07:58	08/30/17 17:36	1
gamma-Chlordane	ND		0.051	0.011	ug/L		08/30/17 07:58	08/30/17 17:36	1
Heptachlor	ND		0.051	0.0087	ug/L		08/30/17 07:58	08/30/17 17:36	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123342-1

Client Sample ID: NS-OW37-GW

Lab Sample ID: 480-123342-6

Date Collected: 08/29/17 13:45

Matrix: Water

Date Received: 08/29/17 15:55

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		0.051	0.0076	ug/L		08/30/17 07:58	08/30/17 17:36	1
Methoxychlor	ND		0.051	0.014	ug/L		08/30/17 07:58	08/30/17 17:36	1
Toxaphene	ND		0.51	0.12	ug/L		08/30/17 07:58	08/30/17 17:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	84		20 - 120				08/30/17 07:58	08/30/17 17:36	1
DCB Decachlorobiphenyl	77		20 - 120				08/30/17 07:58	08/30/17 17:36	1
Tetrachloro-m-xylene	117		44 - 120				08/30/17 07:58	08/30/17 17:36	1
Tetrachloro-m-xylene	122	X	44 - 120				08/30/17 07:58	08/30/17 17:36	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	*	0.50	0.18	ug/L		08/30/17 14:08	08/31/17 19:23	1
PCB-1221	ND		0.50	0.18	ug/L		08/30/17 14:08	08/31/17 19:23	1
PCB-1232	ND		0.50	0.18	ug/L		08/30/17 14:08	08/31/17 19:23	1
PCB-1242	ND		0.50	0.18	ug/L		08/30/17 14:08	08/31/17 19:23	1
PCB-1248	ND		0.50	0.18	ug/L		08/30/17 14:08	08/31/17 19:23	1
PCB-1254	ND		0.50	0.25	ug/L		08/30/17 14:08	08/31/17 19:23	1
PCB-1260	ND	*	0.50	0.25	ug/L		08/30/17 14:08	08/31/17 19:23	1
PCB-1262	ND		0.50	0.25	ug/L		08/30/17 14:08	08/31/17 19:23	1
PCB-1268	ND		0.50	0.25	ug/L		08/30/17 14:08	08/31/17 19:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	101		39 - 121				08/30/17 14:08	08/31/17 19:23	1
Tetrachloro-m-xylene	99		39 - 121				08/30/17 14:08	08/31/17 19:23	1
DCB Decachlorobiphenyl	85		19 - 120				08/30/17 14:08	08/31/17 19:23	1
DCB Decachlorobiphenyl	96		19 - 120				08/30/17 14:08	08/31/17 19:23	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.089	J	0.20	0.060	mg/L		08/30/17 08:26	08/30/17 21:39	1
Antimony	ND		0.020	0.0068	mg/L		08/30/17 08:26	08/30/17 21:39	1
Arsenic	ND		0.015	0.0056	mg/L		08/30/17 08:26	08/30/17 21:39	1
Barium	0.080		0.0020	0.00070	mg/L		08/30/17 08:26	08/30/17 21:39	1
Beryllium	ND		0.0020	0.00030	mg/L		08/30/17 08:26	08/30/17 21:39	1
Cadmium	ND		0.0020	0.00050	mg/L		08/30/17 08:26	08/30/17 21:39	1
Calcium	278		0.50	0.10	mg/L		08/30/17 08:26	08/30/17 21:39	1
Chromium	ND		0.0040	0.0010	mg/L		08/30/17 08:26	08/30/17 21:39	1
Cobalt	0.0055		0.0040	0.00063	mg/L		08/30/17 08:26	08/30/17 21:39	1
Copper	0.0028	J	0.010	0.0016	mg/L		08/30/17 08:26	08/30/17 21:39	1
Iron	10.4		0.050	0.019	mg/L		08/30/17 08:26	08/30/17 21:39	1
Lead	ND		0.010	0.0030	mg/L		08/30/17 08:26	08/30/17 21:39	1
Magnesium	95.4		0.20	0.043	mg/L		08/30/17 08:26	08/30/17 21:39	1
Manganese	2.2	B	0.0030	0.00040	mg/L		08/30/17 08:26	08/30/17 21:39	1
Nickel	0.0082	J	0.010	0.0013	mg/L		08/30/17 08:26	08/30/17 21:39	1
Potassium	20.4		0.50	0.10	mg/L		08/30/17 08:26	08/30/17 21:39	1
Selenium	ND		0.025	0.0087	mg/L		08/30/17 08:26	08/30/17 21:39	1
Silver	ND		0.0060	0.0017	mg/L		08/30/17 08:26	08/30/17 21:39	1
Sodium	49.7		1.0	0.32	mg/L		08/30/17 08:26	08/30/17 21:39	1
Thallium	ND		0.020	0.010	mg/L		08/30/17 08:26	08/30/17 21:39	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123342-1

Client Sample ID: NS-OW37-GW

Lab Sample ID: 480-123342-6

Date Collected: 08/29/17 13:45

Matrix: Water

Date Received: 08/29/17 15:55

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	ND		0.0050	0.0015	mg/L		08/30/17 08:26	08/30/17 21:39	1
Zinc	0.018		0.010	0.0015	mg/L		08/30/17 08:26	08/30/17 21:39	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/31/17 10:49	08/31/17 18:33	1
Antimony	ND		0.020	0.0068	mg/L		08/31/17 10:49	08/31/17 18:33	1
Arsenic	ND		0.015	0.0056	mg/L		08/31/17 10:49	08/31/17 18:33	1
Barium	0.069		0.0020	0.00070	mg/L		08/31/17 10:49	08/31/17 18:33	1
Beryllium	ND		0.0020	0.00030	mg/L		08/31/17 10:49	08/31/17 18:33	1
Cadmium	0.00062	J	0.0020	0.00050	mg/L		08/31/17 10:49	08/31/17 18:33	1
Calcium	298		0.50	0.10	mg/L		08/31/17 10:49	08/31/17 18:33	1
Chromium	ND		0.0040	0.0010	mg/L		08/31/17 10:49	08/31/17 18:33	1
Cobalt	0.0042		0.0040	0.00063	mg/L		08/31/17 10:49	08/31/17 18:33	1
Copper	ND		0.010	0.0016	mg/L		08/31/17 10:49	08/31/17 18:33	1
Iron	1.1		0.050	0.019	mg/L		08/31/17 10:49	08/31/17 18:33	1
Lead	ND		0.010	0.0030	mg/L		08/31/17 10:49	08/31/17 18:33	1
Magnesium	96.8		0.20	0.043	mg/L		08/31/17 10:49	08/31/17 18:33	1
Manganese	2.1	B	0.0030	0.00040	mg/L		08/31/17 10:49	08/31/17 18:33	1
Nickel	0.0081	J	0.010	0.0013	mg/L		08/31/17 10:49	08/31/17 18:33	1
Potassium	19.9		0.50	0.10	mg/L		08/31/17 10:49	08/31/17 18:33	1
Selenium	ND		0.025	0.0087	mg/L		08/31/17 10:49	08/31/17 18:33	1
Silver	ND		0.0060	0.0017	mg/L		08/31/17 10:49	08/31/17 18:33	1
Sodium	49.8		1.0	0.32	mg/L		08/31/17 10:49	08/31/17 18:33	1
Thallium	ND		0.020	0.010	mg/L		08/31/17 10:49	08/31/17 18:33	1
Vanadium	ND		0.0050	0.0015	mg/L		08/31/17 10:49	08/31/17 18:33	1
Zinc	0.018	B	0.010	0.0015	mg/L		08/31/17 10:49	08/31/17 18:33	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/30/17 10:55	08/30/17 15:13	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/01/17 10:55	09/01/17 15:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	32.4		5.0	2.8	mg/L			08/30/17 15:43	10
Sulfate	356		20.0	3.5	mg/L			08/30/17 15:43	10
Alkalinity, Total	928		5.0	0.79	mg/L			08/30/17 18:06	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161695-1

Client Sample ID: OW-37

Lab Sample ID: 480-161695-5

Date Collected: 10/25/19 12:00

Matrix: Water

Date Received: 10/25/19 13:33

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			11/06/19 07:22	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			11/06/19 07:22	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			11/06/19 07:22	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			11/06/19 07:22	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			11/06/19 07:22	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			11/06/19 07:22	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			11/06/19 07:22	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			11/06/19 07:22	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			11/06/19 07:22	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			11/06/19 07:22	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			11/06/19 07:22	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			11/06/19 07:22	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			11/06/19 07:22	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			11/06/19 07:22	4
2-Butanone (MEK)	ND		40	5.3	ug/L			11/06/19 07:22	4
2-Hexanone	ND		20	5.0	ug/L			11/06/19 07:22	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			11/06/19 07:22	4
Acetone	ND		40	12	ug/L			11/06/19 07:22	4
Benzene	ND		4.0	1.6	ug/L			11/06/19 07:22	4
Bromodichloromethane	ND		4.0	1.6	ug/L			11/06/19 07:22	4
Bromoform	ND		4.0	1.0	ug/L			11/06/19 07:22	4
Bromomethane	ND		4.0	2.8	ug/L			11/06/19 07:22	4
Carbon disulfide	ND		4.0	0.76	ug/L			11/06/19 07:22	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			11/06/19 07:22	4
Chlorobenzene	3.1 J		4.0	3.0	ug/L			11/06/19 07:22	4
Chloroethane	ND		4.0	1.3	ug/L			11/06/19 07:22	4
Chloroform	ND		4.0	1.4	ug/L			11/06/19 07:22	4
Chloromethane	ND		4.0	1.4	ug/L			11/06/19 07:22	4
cis-1,2-Dichloroethene	ND		4.0	3.2	ug/L			11/06/19 07:22	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			11/06/19 07:22	4
Cyclohexane	ND		4.0	0.72	ug/L			11/06/19 07:22	4
Dibromochloromethane	ND		4.0	1.3	ug/L			11/06/19 07:22	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			11/06/19 07:22	4
Ethylbenzene	ND		4.0	3.0	ug/L			11/06/19 07:22	4
Isopropylbenzene	ND		4.0	3.2	ug/L			11/06/19 07:22	4
Methyl acetate	ND		10	5.2	ug/L			11/06/19 07:22	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			11/06/19 07:22	4
Methylcyclohexane	ND		4.0	0.64	ug/L			11/06/19 07:22	4
Methylene Chloride	ND		4.0	1.8	ug/L			11/06/19 07:22	4
Styrene	ND		4.0	2.9	ug/L			11/06/19 07:22	4
Tetrachloroethene	ND		4.0	1.4	ug/L			11/06/19 07:22	4
Toluene	ND		4.0	2.0	ug/L			11/06/19 07:22	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			11/06/19 07:22	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			11/06/19 07:22	4
Trichloroethene	ND		4.0	1.8	ug/L			11/06/19 07:22	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			11/06/19 07:22	4
Vinyl chloride	ND		4.0	3.6	ug/L			11/06/19 07:22	4
Xylenes, Total	ND		8.0	2.6	ug/L			11/06/19 07:22	4

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161695-1

Client Sample ID: OW-37

Lab Sample ID: 480-161695-5

Date Collected: 10/25/19 12:00

Matrix: Water

Date Received: 10/25/19 13:33

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		11/06/19 07:22	4
4-Bromofluorobenzene (Surr)	101		73 - 120		11/06/19 07:22	4
Toluene-d8 (Surr)	104		80 - 120		11/06/19 07:22	4

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		10/31/19 08:19	10/31/19 21:05	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		10/31/19 08:19	10/31/19 21:05	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		10/31/19 08:19	10/31/19 21:05	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		10/31/19 08:19	10/31/19 21:05	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		10/31/19 08:19	10/31/19 21:05	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		10/31/19 08:19	10/31/19 21:05	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		10/31/19 08:19	10/31/19 21:05	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		10/31/19 08:19	10/31/19 21:05	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		10/31/19 08:19	10/31/19 21:05	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		10/31/19 08:19	10/31/19 21:05	1
2-Chlorophenol	ND		5.0	0.53	ug/L		10/31/19 08:19	10/31/19 21:05	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		10/31/19 08:19	10/31/19 21:05	1
2-Methylphenol	ND		5.0	0.40	ug/L		10/31/19 08:19	10/31/19 21:05	1
2-Nitroaniline	ND		10	0.42	ug/L		10/31/19 08:19	10/31/19 21:05	1
2-Nitrophenol	ND		5.0	0.48	ug/L		10/31/19 08:19	10/31/19 21:05	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		10/31/19 08:19	10/31/19 21:05	1
3-Nitroaniline	ND		10	0.48	ug/L		10/31/19 08:19	10/31/19 21:05	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		10/31/19 08:19	10/31/19 21:05	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		10/31/19 08:19	10/31/19 21:05	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		10/31/19 08:19	10/31/19 21:05	1
4-Chloroaniline	ND		5.0	0.59	ug/L		10/31/19 08:19	10/31/19 21:05	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		10/31/19 08:19	10/31/19 21:05	1
4-Methylphenol	ND		10	0.36	ug/L		10/31/19 08:19	10/31/19 21:05	1
4-Nitroaniline	ND		10	0.25	ug/L		10/31/19 08:19	10/31/19 21:05	1
4-Nitrophenol	ND		10	1.5	ug/L		10/31/19 08:19	10/31/19 21:05	1
Acenaphthene	ND		5.0	0.41	ug/L		10/31/19 08:19	10/31/19 21:05	1
Acenaphthylene	ND		5.0	0.38	ug/L		10/31/19 08:19	10/31/19 21:05	1
Acetophenone	ND		5.0	0.54	ug/L		10/31/19 08:19	10/31/19 21:05	1
Anthracene	ND		5.0	0.28	ug/L		10/31/19 08:19	10/31/19 21:05	1
Atrazine	ND		5.0	0.46	ug/L		10/31/19 08:19	10/31/19 21:05	1
Benzaldehyde	ND		5.0	0.27	ug/L		10/31/19 08:19	10/31/19 21:05	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		10/31/19 08:19	10/31/19 21:05	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		10/31/19 08:19	10/31/19 21:05	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		10/31/19 08:19	10/31/19 21:05	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		10/31/19 08:19	10/31/19 21:05	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		10/31/19 08:19	10/31/19 21:05	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		10/31/19 08:19	10/31/19 21:05	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		10/31/19 08:19	10/31/19 21:05	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		10/31/19 08:19	10/31/19 21:05	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		10/31/19 08:19	10/31/19 21:05	1
Caprolactam	ND		5.0	2.2	ug/L		10/31/19 08:19	10/31/19 21:05	1
Carbazole	ND		5.0	0.30	ug/L		10/31/19 08:19	10/31/19 21:05	1
Chrysene	ND		5.0	0.33	ug/L		10/31/19 08:19	10/31/19 21:05	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		10/31/19 08:19	10/31/19 21:05	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161695-1

Client Sample ID: OW-37

Lab Sample ID: 480-161695-5

Date Collected: 10/25/19 12:00

Matrix: Water

Date Received: 10/25/19 13:33

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		10/31/19 08:19	10/31/19 21:05	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		10/31/19 08:19	10/31/19 21:05	1
Dibenzofuran	ND		10	0.51	ug/L		10/31/19 08:19	10/31/19 21:05	1
Diethyl phthalate	0.67	J	5.0	0.22	ug/L		10/31/19 08:19	10/31/19 21:05	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		10/31/19 08:19	10/31/19 21:05	1
Fluoranthene	ND		5.0	0.40	ug/L		10/31/19 08:19	10/31/19 21:05	1
Fluorene	ND		5.0	0.36	ug/L		10/31/19 08:19	10/31/19 21:05	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		10/31/19 08:19	10/31/19 21:05	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		10/31/19 08:19	10/31/19 21:05	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		10/31/19 08:19	10/31/19 21:05	1
Hexachloroethane	ND		5.0	0.59	ug/L		10/31/19 08:19	10/31/19 21:05	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		10/31/19 08:19	10/31/19 21:05	1
Isophorone	ND		5.0	0.43	ug/L		10/31/19 08:19	10/31/19 21:05	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		10/31/19 08:19	10/31/19 21:05	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		10/31/19 08:19	10/31/19 21:05	1
Naphthalene	ND		5.0	0.76	ug/L		10/31/19 08:19	10/31/19 21:05	1
Nitrobenzene	ND		5.0	0.29	ug/L		10/31/19 08:19	10/31/19 21:05	1
Pentachlorophenol	ND		10	2.2	ug/L		10/31/19 08:19	10/31/19 21:05	1
Phenanthrene	ND		5.0	0.44	ug/L		10/31/19 08:19	10/31/19 21:05	1
Phenol	ND		5.0	0.39	ug/L		10/31/19 08:19	10/31/19 21:05	1
Pyrene	ND		5.0	0.34	ug/L		10/31/19 08:19	10/31/19 21:05	1
Benzoic acid	ND		150	100	ug/L		10/31/19 08:19	10/31/19 21:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	101		41 - 120	10/31/19 08:19	10/31/19 21:05	1
2-Fluorobiphenyl	103		48 - 120	10/31/19 08:19	10/31/19 21:05	1
2-Fluorophenol	59		35 - 120	10/31/19 08:19	10/31/19 21:05	1
Nitrobenzene-d5	86		46 - 120	10/31/19 08:19	10/31/19 21:05	1
p-Terphenyl-d14	80		60 - 148	10/31/19 08:19	10/31/19 21:05	1
Phenol-d5	44		22 - 120	10/31/19 08:19	10/31/19 21:05	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		10/30/19 15:04	10/31/19 17:56	1
4,4'-DDE	ND		0.050	0.012	ug/L		10/30/19 15:04	10/31/19 17:56	1
4,4'-DDT	ND		0.050	0.011	ug/L		10/30/19 15:04	10/31/19 17:56	1
Aldrin	ND		0.050	0.0081	ug/L		10/30/19 15:04	10/31/19 17:56	1
alpha-BHC	ND		0.050	0.0077	ug/L		10/30/19 15:04	10/31/19 17:56	1
cis-Chlordane	ND		0.050	0.015	ug/L		10/30/19 15:04	10/31/19 17:56	1
beta-BHC	ND		0.050	0.025	ug/L		10/30/19 15:04	10/31/19 17:56	1
delta-BHC	ND		0.050	0.010	ug/L		10/30/19 15:04	10/31/19 17:56	1
Dieldrin	ND		0.050	0.0098	ug/L		10/30/19 15:04	10/31/19 17:56	1
Endosulfan I	ND		0.050	0.011	ug/L		10/30/19 15:04	10/31/19 17:56	1
Endosulfan II	ND		0.050	0.012	ug/L		10/30/19 15:04	10/31/19 17:56	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		10/30/19 15:04	10/31/19 17:56	1
Endrin	ND		0.050	0.014	ug/L		10/30/19 15:04	10/31/19 17:56	1
Endrin aldehyde	ND		0.050	0.016	ug/L		10/30/19 15:04	10/31/19 17:56	1
Endrin ketone	ND		0.050	0.012	ug/L		10/30/19 15:04	10/31/19 17:56	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		10/30/19 15:04	10/31/19 17:56	1
trans-Chlordane	ND		0.050	0.011	ug/L		10/30/19 15:04	10/31/19 17:56	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161695-1

Client Sample ID: OW-37

Lab Sample ID: 480-161695-5

Date Collected: 10/25/19 12:00

Matrix: Water

Date Received: 10/25/19 13:33

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.050	0.0085	ug/L		10/30/19 15:04	10/31/19 17:56	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		10/30/19 15:04	10/31/19 17:56	1
Methoxychlor	ND		0.050	0.014	ug/L		10/30/19 15:04	10/31/19 17:56	1
Toxaphene	ND		0.50	0.12	ug/L		10/30/19 15:04	10/31/19 17:56	1
Mirex	ND		0.050	0.0096	ug/L		10/30/19 15:04	10/31/19 17:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	78		20 - 120	10/30/19 15:04	10/31/19 17:56	1
DCB Decachlorobiphenyl	75		20 - 120	10/30/19 15:04	10/31/19 17:56	1
Tetrachloro-m-xylene	89		44 - 120	10/30/19 15:04	10/31/19 17:56	1
Tetrachloro-m-xylene	82		44 - 120	10/30/19 15:04	10/31/19 17:56	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/07/19 15:22	11/08/19 11:54	1
PCB-1221	ND		0.50	0.18	ug/L		11/07/19 15:22	11/08/19 11:54	1
PCB-1232	ND		0.50	0.18	ug/L		11/07/19 15:22	11/08/19 11:54	1
PCB-1242	ND		0.50	0.18	ug/L		11/07/19 15:22	11/08/19 11:54	1
PCB-1248	ND		0.50	0.18	ug/L		11/07/19 15:22	11/08/19 11:54	1
PCB-1254	ND		0.50	0.25	ug/L		11/07/19 15:22	11/08/19 11:54	1
PCB-1260	ND		0.50	0.25	ug/L		11/07/19 15:22	11/08/19 11:54	1
PCB-1262	ND		0.50	0.25	ug/L		11/07/19 15:22	11/08/19 11:54	1
PCB-1268	ND		0.50	0.25	ug/L		11/07/19 15:22	11/08/19 11:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	79		39 - 121	11/07/19 15:22	11/08/19 11:54	1
Tetrachloro-m-xylene	60		39 - 121	11/07/19 15:22	11/08/19 11:54	1
DCB Decachlorobiphenyl	60		19 - 120	11/07/19 15:22	11/08/19 11:54	1
DCB Decachlorobiphenyl	44		19 - 120	11/07/19 15:22	11/08/19 11:54	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		10/30/19 08:47	10/30/19 22:15	1
Antimony	ND		0.020	0.0068	mg/L		10/30/19 08:47	10/30/19 22:15	1
Arsenic	0.0059	J	0.015	0.0056	mg/L		10/30/19 08:47	10/30/19 22:15	1
Barium	0.10		0.0020	0.00070	mg/L		10/30/19 08:47	10/30/19 22:15	1
Beryllium	ND		0.0020	0.00030	mg/L		10/30/19 08:47	10/30/19 22:15	1
Cadmium	0.00066	J	0.0020	0.00050	mg/L		10/30/19 08:47	10/30/19 22:15	1
Calcium	158		0.50	0.10	mg/L		10/30/19 08:47	10/30/19 22:15	1
Chromium	ND		0.0040	0.0010	mg/L		10/30/19 08:47	10/30/19 22:15	1
Cobalt	0.0035	J	0.0040	0.00063	mg/L		10/30/19 08:47	10/30/19 22:15	1
Copper	0.0031	J	0.010	0.0016	mg/L		10/30/19 08:47	10/30/19 22:15	1
Iron	4.1		0.050	0.019	mg/L		10/30/19 08:47	10/30/19 22:15	1
Lead	0.0032	J	0.010	0.0030	mg/L		10/30/19 08:47	10/30/19 22:15	1
Magnesium	71.2		0.20	0.043	mg/L		10/30/19 08:47	10/30/19 22:15	1
Manganese	0.71		0.0030	0.00040	mg/L		10/30/19 08:47	10/30/19 22:15	1
Nickel	0.0047	J	0.010	0.0013	mg/L		10/30/19 08:47	10/30/19 22:15	1
Potassium	27.6		0.50	0.10	mg/L		10/30/19 08:47	10/30/19 22:15	1
Selenium	ND		0.025	0.0087	mg/L		10/30/19 08:47	10/30/19 22:15	1
Silver	ND		0.0060	0.0017	mg/L		10/30/19 08:47	10/30/19 22:15	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161695-1

Client Sample ID: OW-37

Lab Sample ID: 480-161695-5

Date Collected: 10/25/19 12:00

Matrix: Water

Date Received: 10/25/19 13:33

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	54.3		1.0	0.32	mg/L		10/30/19 08:47	10/30/19 22:15	1
Thallium	ND		0.020	0.010	mg/L		10/30/19 08:47	10/30/19 22:15	1
Vanadium	ND		0.0050	0.0015	mg/L		10/30/19 08:47	10/30/19 22:15	1
Zinc	0.025	B	0.010	0.0015	mg/L		10/30/19 08:47	10/30/19 22:15	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/07/19 11:15	11/07/19 16:03	1

Well LPZ-01S

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123342-1

Client Sample ID: NS-LPZ01S-GW

Lab Sample ID: 480-123342-1

Date Collected: 08/29/17 09:15

Matrix: Water

Date Received: 08/29/17 15:55

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/31/17 02:43	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/31/17 02:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/31/17 02:43	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/31/17 02:43	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/31/17 02:43	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/31/17 02:43	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/31/17 02:43	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/31/17 02:43	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/31/17 02:43	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/31/17 02:43	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/31/17 02:43	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/31/17 02:43	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/31/17 02:43	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/31/17 02:43	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/31/17 02:43	1
2-Hexanone	ND		5.0	1.2	ug/L			08/31/17 02:43	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/31/17 02:43	1
Acetone	6.7	J	10	3.0	ug/L			08/31/17 02:43	1
Benzene	ND		1.0	0.41	ug/L			08/31/17 02:43	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/31/17 02:43	1
Bromoform	ND		1.0	0.26	ug/L			08/31/17 02:43	1
Bromomethane	ND		1.0	0.69	ug/L			08/31/17 02:43	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/31/17 02:43	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/31/17 02:43	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/31/17 02:43	1
Chloroethane	ND		1.0	0.32	ug/L			08/31/17 02:43	1
Chloroform	ND		1.0	0.34	ug/L			08/31/17 02:43	1
Chloromethane	ND		1.0	0.35	ug/L			08/31/17 02:43	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/31/17 02:43	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/31/17 02:43	1
Cyclohexane	ND		1.0	0.18	ug/L			08/31/17 02:43	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/31/17 02:43	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/31/17 02:43	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/31/17 02:43	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/31/17 02:43	1
Methyl acetate	ND		2.5	1.3	ug/L			08/31/17 02:43	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/31/17 02:43	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/31/17 02:43	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/31/17 02:43	1
Styrene	ND		1.0	0.73	ug/L			08/31/17 02:43	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/31/17 02:43	1
Toluene	ND		1.0	0.51	ug/L			08/31/17 02:43	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/31/17 02:43	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/31/17 02:43	1
Trichloroethene	ND		1.0	0.46	ug/L			08/31/17 02:43	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/31/17 02:43	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/31/17 02:43	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/31/17 02:43	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123342-1

Client Sample ID: NS-LPZ01S-GW

Lab Sample ID: 480-123342-1

Date Collected: 08/29/17 09:15

Matrix: Water

Date Received: 08/29/17 15:55

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		77 - 120		08/31/17 02:43	1
4-Bromofluorobenzene (Surr)	97		73 - 120		08/31/17 02:43	1
Toluene-d8 (Surr)	96		80 - 120		08/31/17 02:43	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.1	0.67	ug/L		08/30/17 07:49	08/31/17 16:10	1
bis (2-chloroisopropyl) ether	ND		5.1	0.53	ug/L		08/30/17 07:49	08/31/17 16:10	1
2,4,5-Trichlorophenol	ND		5.1	0.49	ug/L		08/30/17 07:49	08/31/17 16:10	1
2,4,6-Trichlorophenol	ND		5.1	0.62	ug/L		08/30/17 07:49	08/31/17 16:10	1
2,4-Dichlorophenol	ND		5.1	0.52	ug/L		08/30/17 07:49	08/31/17 16:10	1
2,4-Dimethylphenol	ND		5.1	0.51	ug/L		08/30/17 07:49	08/31/17 16:10	1
2,4-Dinitrophenol	ND		10	2.3	ug/L		08/30/17 07:49	08/31/17 16:10	1
2,4-Dinitrotoluene	ND		5.1	0.46	ug/L		08/30/17 07:49	08/31/17 16:10	1
2,6-Dinitrotoluene	ND		5.1	0.41	ug/L		08/30/17 07:49	08/31/17 16:10	1
2-Chloronaphthalene	ND		5.1	0.47	ug/L		08/30/17 07:49	08/31/17 16:10	1
2-Chlorophenol	ND		5.1	0.54	ug/L		08/30/17 07:49	08/31/17 16:10	1
2-Methylnaphthalene	ND		5.1	0.61	ug/L		08/30/17 07:49	08/31/17 16:10	1
2-Methylphenol	ND		5.1	0.41	ug/L		08/30/17 07:49	08/31/17 16:10	1
2-Nitroaniline	ND		10	0.43	ug/L		08/30/17 07:49	08/31/17 16:10	1
2-Nitrophenol	ND		5.1	0.49	ug/L		08/30/17 07:49	08/31/17 16:10	1
3,3'-Dichlorobenzidine	ND	*	5.1	0.41	ug/L		08/30/17 07:49	08/31/17 16:10	1
3-Nitroaniline	ND		10	0.49	ug/L		08/30/17 07:49	08/31/17 16:10	1
4,6-Dinitro-2-methylphenol	ND	*	10	2.2	ug/L		08/30/17 07:49	08/31/17 16:10	1
4-Bromophenyl phenyl ether	ND		5.1	0.46	ug/L		08/30/17 07:49	08/31/17 16:10	1
4-Chloro-3-methylphenol	ND		5.1	0.46	ug/L		08/30/17 07:49	08/31/17 16:10	1
4-Chloroaniline	ND		5.1	0.60	ug/L		08/30/17 07:49	08/31/17 16:10	1
4-Chlorophenyl phenyl ether	ND		5.1	0.36	ug/L		08/30/17 07:49	08/31/17 16:10	1
4-Methylphenol	15		10	0.37	ug/L		08/30/17 07:49	08/31/17 16:10	1
4-Nitroaniline	ND		10	0.26	ug/L		08/30/17 07:49	08/31/17 16:10	1
4-Nitrophenol	ND		10	1.6	ug/L		08/30/17 07:49	08/31/17 16:10	1
Acenaphthene	ND		5.1	0.42	ug/L		08/30/17 07:49	08/31/17 16:10	1
Acenaphthylene	ND		5.1	0.39	ug/L		08/30/17 07:49	08/31/17 16:10	1
Acetophenone	ND		5.1	0.55	ug/L		08/30/17 07:49	08/31/17 16:10	1
Anthracene	ND		5.1	0.29	ug/L		08/30/17 07:49	08/31/17 16:10	1
Atrazine	ND		5.1	0.47	ug/L		08/30/17 07:49	08/31/17 16:10	1
Benzaldehyde	ND		5.1	0.27	ug/L		08/30/17 07:49	08/31/17 16:10	1
Benzo(a)anthracene	ND		5.1	0.37	ug/L		08/30/17 07:49	08/31/17 16:10	1
Benzo(a)pyrene	ND		5.1	0.48	ug/L		08/30/17 07:49	08/31/17 16:10	1
Benzo(b)fluoranthene	ND		5.1	0.35	ug/L		08/30/17 07:49	08/31/17 16:10	1
Benzo(g,h,i)perylene	ND		5.1	0.36	ug/L		08/30/17 07:49	08/31/17 16:10	1
Benzo(k)fluoranthene	ND		5.1	0.74	ug/L		08/30/17 07:49	08/31/17 16:10	1
Bis(2-chloroethoxy)methane	ND		5.1	0.36	ug/L		08/30/17 07:49	08/31/17 16:10	1
Bis(2-chloroethyl)ether	ND		5.1	0.41	ug/L		08/30/17 07:49	08/31/17 16:10	1
Bis(2-ethylhexyl) phthalate	ND		5.1	2.2	ug/L		08/30/17 07:49	08/31/17 16:10	1
Butyl benzyl phthalate	ND		5.1	1.0	ug/L		08/30/17 07:49	08/31/17 16:10	1
Caprolactam	ND		5.1	2.2	ug/L		08/30/17 07:49	08/31/17 16:10	1
Carbazole	ND		5.1	0.31	ug/L		08/30/17 07:49	08/31/17 16:10	1
Chrysene	ND		5.1	0.34	ug/L		08/30/17 07:49	08/31/17 16:10	1
Di-n-butyl phthalate	ND		5.1	0.32	ug/L		08/30/17 07:49	08/31/17 16:10	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123342-1

Client Sample ID: NS-LPZ01S-GW

Lab Sample ID: 480-123342-1

Date Collected: 08/29/17 09:15

Matrix: Water

Date Received: 08/29/17 15:55

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.1	0.48	ug/L		08/30/17 07:49	08/31/17 16:10	1
Dibenz(a,h)anthracene	ND		5.1	0.43	ug/L		08/30/17 07:49	08/31/17 16:10	1
Dibenzofuran	ND		10	0.52	ug/L		08/30/17 07:49	08/31/17 16:10	1
Diethyl phthalate	ND		5.1	0.22	ug/L		08/30/17 07:49	08/31/17 16:10	1
Dimethyl phthalate	ND		5.1	0.37	ug/L		08/30/17 07:49	08/31/17 16:10	1
Fluoranthene	ND		5.1	0.41	ug/L		08/30/17 07:49	08/31/17 16:10	1
Fluorene	ND		5.1	0.37	ug/L		08/30/17 07:49	08/31/17 16:10	1
Hexachlorobenzene	ND		5.1	0.52	ug/L		08/30/17 07:49	08/31/17 16:10	1
Hexachlorobutadiene	ND		5.1	0.69	ug/L		08/30/17 07:49	08/31/17 16:10	1
Hexachlorocyclopentadiene	ND		5.1	0.60	ug/L		08/30/17 07:49	08/31/17 16:10	1
Hexachloroethane	ND		5.1	0.60	ug/L		08/30/17 07:49	08/31/17 16:10	1
Indeno(1,2,3-cd)pyrene	ND		5.1	0.48	ug/L		08/30/17 07:49	08/31/17 16:10	1
Isophorone	ND		5.1	0.44	ug/L		08/30/17 07:49	08/31/17 16:10	1
N-Nitrosodi-n-propylamine	ND		5.1	0.55	ug/L		08/30/17 07:49	08/31/17 16:10	1
N-Nitrosodiphenylamine	ND		5.1	0.52	ug/L		08/30/17 07:49	08/31/17 16:10	1
Naphthalene	ND		5.1	0.78	ug/L		08/30/17 07:49	08/31/17 16:10	1
Nitrobenzene	ND		5.1	0.30	ug/L		08/30/17 07:49	08/31/17 16:10	1
Pentachlorophenol	ND		10	2.2	ug/L		08/30/17 07:49	08/31/17 16:10	1
Phenanthrene	0.58	J	5.1	0.45	ug/L		08/30/17 07:49	08/31/17 16:10	1
Phenol	ND		5.1	0.40	ug/L		08/30/17 07:49	08/31/17 16:10	1
Pyrene	ND		5.1	0.35	ug/L		08/30/17 07:49	08/31/17 16:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	111		41 - 120	08/30/17 07:49	08/31/17 16:10	1
2-Fluorobiphenyl	97		48 - 120	08/30/17 07:49	08/31/17 16:10	1
2-Fluorophenol	79		35 - 120	08/30/17 07:49	08/31/17 16:10	1
Nitrobenzene-d5	99		46 - 120	08/30/17 07:49	08/31/17 16:10	1
p-Terphenyl-d14	80		59 - 136	08/30/17 07:49	08/31/17 16:10	1
Phenol-d5	61		22 - 120	08/30/17 07:49	08/31/17 16:10	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.017	J	0.050	0.0092	ug/L		08/30/17 07:58	08/30/17 15:58	1
4,4'-DDE	ND		0.050	0.012	ug/L		08/30/17 07:58	08/30/17 15:58	1
4,4'-DDT	ND		0.050	0.011	ug/L		08/30/17 07:58	08/30/17 15:58	1
Aldrin	ND		0.050	0.0081	ug/L		08/30/17 07:58	08/30/17 15:58	1
alpha-BHC	ND		0.050	0.0077	ug/L		08/30/17 07:58	08/30/17 15:58	1
alpha-Chlordane	ND		0.050	0.015	ug/L		08/30/17 07:58	08/30/17 15:58	1
beta-BHC	ND		0.050	0.025	ug/L		08/30/17 07:58	08/30/17 15:58	1
delta-BHC	0.012	J	0.050	0.010	ug/L		08/30/17 07:58	08/30/17 15:58	1
Dieldrin	ND		0.050	0.0098	ug/L		08/30/17 07:58	08/30/17 15:58	1
Endosulfan I	ND		0.050	0.011	ug/L		08/30/17 07:58	08/30/17 15:58	1
Endosulfan II	ND		0.050	0.012	ug/L		08/30/17 07:58	08/30/17 15:58	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		08/30/17 07:58	08/30/17 15:58	1
Endrin	ND		0.050	0.014	ug/L		08/30/17 07:58	08/30/17 15:58	1
Endrin aldehyde	ND		0.050	0.016	ug/L		08/30/17 07:58	08/30/17 15:58	1
Endrin ketone	ND		0.050	0.012	ug/L		08/30/17 07:58	08/30/17 15:58	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		08/30/17 07:58	08/30/17 15:58	1
gamma-Chlordane	ND		0.050	0.011	ug/L		08/30/17 07:58	08/30/17 15:58	1
Heptachlor	ND		0.050	0.0085	ug/L		08/30/17 07:58	08/30/17 15:58	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123342-1

Client Sample ID: NS-LPZ01S-GW

Lab Sample ID: 480-123342-1

Date Collected: 08/29/17 09:15

Matrix: Water

Date Received: 08/29/17 15:55

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		0.050	0.0074	ug/L		08/30/17 07:58	08/30/17 15:58	1
Methoxychlor	ND		0.050	0.014	ug/L		08/30/17 07:58	08/30/17 15:58	1
Toxaphene	ND		0.50	0.12	ug/L		08/30/17 07:58	08/30/17 15:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	90		20 - 120				08/30/17 07:58	08/30/17 15:58	1
DCB Decachlorobiphenyl	85		20 - 120				08/30/17 07:58	08/30/17 15:58	1
Tetrachloro-m-xylene	102		44 - 120				08/30/17 07:58	08/30/17 15:58	1
Tetrachloro-m-xylene	90		44 - 120				08/30/17 07:58	08/30/17 15:58	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	*	0.50	0.18	ug/L		08/30/17 14:08	08/31/17 18:04	1
PCB-1221	ND		0.50	0.18	ug/L		08/30/17 14:08	08/31/17 18:04	1
PCB-1232	ND		0.50	0.18	ug/L		08/30/17 14:08	08/31/17 18:04	1
PCB-1242	ND		0.50	0.18	ug/L		08/30/17 14:08	08/31/17 18:04	1
PCB-1248	ND		0.50	0.18	ug/L		08/30/17 14:08	08/31/17 18:04	1
PCB-1254	ND		0.50	0.25	ug/L		08/30/17 14:08	08/31/17 18:04	1
PCB-1260	ND	*	0.50	0.25	ug/L		08/30/17 14:08	08/31/17 18:04	1
PCB-1262	ND		0.50	0.25	ug/L		08/30/17 14:08	08/31/17 18:04	1
PCB-1268	ND		0.50	0.25	ug/L		08/30/17 14:08	08/31/17 18:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	90		39 - 121				08/30/17 14:08	08/31/17 18:04	1
Tetrachloro-m-xylene	90		39 - 121				08/30/17 14:08	08/31/17 18:04	1
DCB Decachlorobiphenyl	86		19 - 120				08/30/17 14:08	08/31/17 18:04	1
DCB Decachlorobiphenyl	91		19 - 120				08/30/17 14:08	08/31/17 18:04	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/30/17 08:26	08/30/17 21:11	1
Antimony	ND		0.020	0.0068	mg/L		08/30/17 08:26	08/30/17 21:11	1
Arsenic	ND		0.015	0.0056	mg/L		08/30/17 08:26	08/30/17 21:11	1
Barium	0.038		0.0020	0.00070	mg/L		08/30/17 08:26	08/30/17 21:11	1
Beryllium	ND		0.0020	0.00030	mg/L		08/30/17 08:26	08/30/17 21:11	1
Cadmium	ND		0.0020	0.00050	mg/L		08/30/17 08:26	08/30/17 21:11	1
Calcium	272		0.50	0.10	mg/L		08/30/17 08:26	08/30/17 21:11	1
Chromium	ND		0.0040	0.0010	mg/L		08/30/17 08:26	08/30/17 21:11	1
Cobalt	0.0037	J	0.0040	0.00063	mg/L		08/30/17 08:26	08/30/17 21:11	1
Copper	ND		0.010	0.0016	mg/L		08/30/17 08:26	08/30/17 21:11	1
Iron	2.2		0.050	0.019	mg/L		08/30/17 08:26	08/30/17 21:11	1
Lead	ND		0.010	0.0030	mg/L		08/30/17 08:26	08/30/17 21:11	1
Magnesium	74.1		0.20	0.043	mg/L		08/30/17 08:26	08/30/17 21:11	1
Manganese	1.0	B	0.0030	0.00040	mg/L		08/30/17 08:26	08/30/17 21:11	1
Nickel	0.0065	J	0.010	0.0013	mg/L		08/30/17 08:26	08/30/17 21:11	1
Potassium	13.7		0.50	0.10	mg/L		08/30/17 08:26	08/30/17 21:11	1
Selenium	ND		0.025	0.0087	mg/L		08/30/17 08:26	08/30/17 21:11	1
Silver	ND		0.0060	0.0017	mg/L		08/30/17 08:26	08/30/17 21:11	1
Sodium	42.9		1.0	0.32	mg/L		08/30/17 08:26	08/30/17 21:11	1
Thallium	ND		0.020	0.010	mg/L		08/30/17 08:26	08/30/17 21:11	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123342-1

Client Sample ID: NS-LPZ01S-GW

Lab Sample ID: 480-123342-1

Date Collected: 08/29/17 09:15

Matrix: Water

Date Received: 08/29/17 15:55

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	ND		0.0050	0.0015	mg/L		08/30/17 08:26	08/30/17 21:11	1
Zinc	0.0059	J	0.010	0.0015	mg/L		08/30/17 08:26	08/30/17 21:11	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/31/17 10:49	08/31/17 17:50	1
Antimony	ND		0.020	0.0068	mg/L		08/31/17 10:49	08/31/17 17:50	1
Arsenic	ND		0.015	0.0056	mg/L		08/31/17 10:49	08/31/17 17:50	1
Barium	0.037		0.0020	0.00070	mg/L		08/31/17 10:49	08/31/17 17:50	1
Beryllium	ND		0.0020	0.00030	mg/L		08/31/17 10:49	08/31/17 17:50	1
Cadmium	0.00054	J	0.0020	0.00050	mg/L		08/31/17 10:49	08/31/17 17:50	1
Calcium	269		0.50	0.10	mg/L		08/31/17 10:49	08/31/17 17:50	1
Chromium	ND		0.0040	0.0010	mg/L		08/31/17 10:49	08/31/17 17:50	1
Cobalt	0.0034	J	0.0040	0.00063	mg/L		08/31/17 10:49	08/31/17 17:50	1
Copper	ND		0.010	0.0016	mg/L		08/31/17 10:49	08/31/17 17:50	1
Iron	ND		0.050	0.019	mg/L		08/31/17 10:49	08/31/17 17:50	1
Lead	ND		0.010	0.0030	mg/L		08/31/17 10:49	08/31/17 17:50	1
Magnesium	74.0		0.20	0.043	mg/L		08/31/17 10:49	08/31/17 17:50	1
Manganese	0.95	B	0.0030	0.00040	mg/L		08/31/17 10:49	08/31/17 17:50	1
Nickel	0.0060	J	0.010	0.0013	mg/L		08/31/17 10:49	08/31/17 17:50	1
Potassium	13.7		0.50	0.10	mg/L		08/31/17 10:49	08/31/17 17:50	1
Selenium	ND		0.025	0.0087	mg/L		08/31/17 10:49	08/31/17 17:50	1
Silver	ND		0.0060	0.0017	mg/L		08/31/17 10:49	08/31/17 17:50	1
Sodium	43.4		1.0	0.32	mg/L		08/31/17 10:49	08/31/17 17:50	1
Thallium	ND		0.020	0.010	mg/L		08/31/17 10:49	08/31/17 17:50	1
Vanadium	ND		0.0050	0.0015	mg/L		08/31/17 10:49	08/31/17 17:50	1
Zinc	0.0089	J B	0.010	0.0015	mg/L		08/31/17 10:49	08/31/17 17:50	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/30/17 10:55	08/30/17 14:55	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/01/17 10:55	09/01/17 15:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.9		2.5	1.4	mg/L			08/30/17 15:02	5
Sulfate	407		10.0	1.7	mg/L			08/30/17 15:02	5
Alkalinity, Total	686		5.0	0.79	mg/L			08/30/17 16:43	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161451-1

Client Sample ID: LPZ-01S

Lab Sample ID: 480-161451-4

Date Collected: 10/23/19 15:00

Matrix: Water

Date Received: 10/23/19 17:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/30/19 02:38	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/30/19 02:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/30/19 02:38	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/30/19 02:38	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/30/19 02:38	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/30/19 02:38	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/30/19 02:38	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/30/19 02:38	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/30/19 02:38	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/30/19 02:38	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/30/19 02:38	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/30/19 02:38	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/30/19 02:38	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/30/19 02:38	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/30/19 02:38	1
2-Hexanone	ND		5.0	1.2	ug/L			10/30/19 02:38	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/30/19 02:38	1
Acetone	ND		10	3.0	ug/L			10/30/19 02:38	1
Benzene	ND		1.0	0.41	ug/L			10/30/19 02:38	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/30/19 02:38	1
Bromoform	ND		1.0	0.26	ug/L			10/30/19 02:38	1
Bromomethane	ND		1.0	0.69	ug/L			10/30/19 02:38	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/30/19 02:38	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/30/19 02:38	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/30/19 02:38	1
Chloroethane	ND		1.0	0.32	ug/L			10/30/19 02:38	1
Chloroform	ND		1.0	0.34	ug/L			10/30/19 02:38	1
Chloromethane	ND		1.0	0.35	ug/L			10/30/19 02:38	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/30/19 02:38	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/30/19 02:38	1
Cyclohexane	ND		1.0	0.18	ug/L			10/30/19 02:38	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/30/19 02:38	1
Dichlorodifluoromethane	ND *		1.0	0.68	ug/L			10/30/19 02:38	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/30/19 02:38	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/30/19 02:38	1
Methyl acetate	ND		2.5	1.3	ug/L			10/30/19 02:38	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/30/19 02:38	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/30/19 02:38	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/30/19 02:38	1
Styrene	ND		1.0	0.73	ug/L			10/30/19 02:38	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/30/19 02:38	1
Toluene	ND		1.0	0.51	ug/L			10/30/19 02:38	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/30/19 02:38	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/30/19 02:38	1
Trichloroethene	ND		1.0	0.46	ug/L			10/30/19 02:38	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/30/19 02:38	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/30/19 02:38	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/30/19 02:38	1
t-Butyl alcohol	ND		10	3.3	ug/L			10/30/19 02:38	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161451-1

Client Sample ID: LPZ-01S

Lab Sample ID: 480-161451-4

Date Collected: 10/23/19 15:00

Matrix: Water

Date Received: 10/23/19 17:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		10/30/19 02:38	1
4-Bromofluorobenzene (Surr)	105		73 - 120		10/30/19 02:38	1
Dibromofluoromethane (Surr)	107		75 - 123		10/30/19 02:38	1
Toluene-d8 (Surr)	98		80 - 120		10/30/19 02:38	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		10/25/19 14:25	10/29/19 02:04	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		10/25/19 14:25	10/29/19 02:04	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		10/25/19 14:25	10/29/19 02:04	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		10/25/19 14:25	10/29/19 02:04	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		10/25/19 14:25	10/29/19 02:04	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		10/25/19 14:25	10/29/19 02:04	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		10/25/19 14:25	10/29/19 02:04	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		10/25/19 14:25	10/29/19 02:04	1
2-Chlorophenol	ND		5.0	0.53	ug/L		10/25/19 14:25	10/29/19 02:04	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		10/25/19 14:25	10/29/19 02:04	1
2-Methylphenol	ND		5.0	0.40	ug/L		10/25/19 14:25	10/29/19 02:04	1
2-Nitroaniline	ND		10	0.42	ug/L		10/25/19 14:25	10/29/19 02:04	1
2-Nitrophenol	ND		5.0	0.48	ug/L		10/25/19 14:25	10/29/19 02:04	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		10/25/19 14:25	10/29/19 02:04	1
3-Nitroaniline	ND		10	0.48	ug/L		10/25/19 14:25	10/29/19 02:04	1
4,6-Dinitro-2-methylphenol	ND *		10	2.2	ug/L		10/25/19 14:25	10/29/19 02:04	1
4-Bromophenyl phenyl ether	ND *		5.0	0.45	ug/L		10/25/19 14:25	10/29/19 02:04	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		10/25/19 14:25	10/29/19 02:04	1
4-Chloroaniline	ND		5.0	0.59	ug/L		10/25/19 14:25	10/29/19 02:04	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		10/25/19 14:25	10/29/19 02:04	1
4-Methylphenol	ND		10	0.36	ug/L		10/25/19 14:25	10/29/19 02:04	1
4-Nitroaniline	ND		10	0.25	ug/L		10/25/19 14:25	10/29/19 02:04	1
4-Nitrophenol	ND		10	1.5	ug/L		10/25/19 14:25	10/29/19 02:04	1
Acenaphthene	ND		5.0	0.41	ug/L		10/25/19 14:25	10/29/19 02:04	1
Acenaphthylene	ND		5.0	0.38	ug/L		10/25/19 14:25	10/29/19 02:04	1
Acetophenone	ND		5.0	0.54	ug/L		10/25/19 14:25	10/29/19 02:04	1
Anthracene	ND		5.0	0.28	ug/L		10/25/19 14:25	10/29/19 02:04	1
Atrazine	ND		5.0	0.46	ug/L		10/25/19 14:25	10/29/19 02:04	1
Benzaldehyde	ND		5.0	0.27	ug/L		10/25/19 14:25	10/29/19 02:04	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		10/25/19 14:25	10/29/19 02:04	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		10/25/19 14:25	10/29/19 02:04	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		10/25/19 14:25	10/29/19 02:04	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		10/25/19 14:25	10/29/19 02:04	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		10/25/19 14:25	10/29/19 02:04	1
Biphenyl	ND		5.0	0.65	ug/L		10/25/19 14:25	10/29/19 02:04	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		10/25/19 14:25	10/29/19 02:04	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		10/25/19 14:25	10/29/19 02:04	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		10/25/19 14:25	10/29/19 02:04	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		10/25/19 14:25	10/29/19 02:04	1
Butyl benzyl phthalate	ND *		5.0	1.0	ug/L		10/25/19 14:25	10/29/19 02:04	1
Caprolactam	ND		5.0	2.2	ug/L		10/25/19 14:25	10/29/19 02:04	1
Carbazole	ND		5.0	0.30	ug/L		10/25/19 14:25	10/29/19 02:04	1
Chrysene	ND		5.0	0.33	ug/L		10/25/19 14:25	10/29/19 02:04	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161451-1

Client Sample ID: LPZ-01S

Lab Sample ID: 480-161451-4

Date Collected: 10/23/19 15:00

Matrix: Water

Date Received: 10/23/19 17:30

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		10/25/19 14:25	10/29/19 02:04	1
Dibenzofuran	ND		10	0.51	ug/L		10/25/19 14:25	10/29/19 02:04	1
Diethyl phthalate	ND		5.0	0.22	ug/L		10/25/19 14:25	10/29/19 02:04	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		10/25/19 14:25	10/29/19 02:04	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		10/25/19 14:25	10/29/19 02:04	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		10/25/19 14:25	10/29/19 02:04	1
Fluoranthene	ND *		5.0	0.40	ug/L		10/25/19 14:25	10/29/19 02:04	1
Fluorene	ND		5.0	0.36	ug/L		10/25/19 14:25	10/29/19 02:04	1
Hexachlorobenzene	ND *		5.0	0.51	ug/L		10/25/19 14:25	10/29/19 02:04	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		10/25/19 14:25	10/29/19 02:04	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		10/25/19 14:25	10/29/19 02:04	1
Hexachloroethane	ND		5.0	0.59	ug/L		10/25/19 14:25	10/29/19 02:04	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		10/25/19 14:25	10/29/19 02:04	1
Isophorone	ND		5.0	0.43	ug/L		10/25/19 14:25	10/29/19 02:04	1
Naphthalene	ND		5.0	0.76	ug/L		10/25/19 14:25	10/29/19 02:04	1
Nitrobenzene	ND		5.0	0.29	ug/L		10/25/19 14:25	10/29/19 02:04	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		10/25/19 14:25	10/29/19 02:04	1
N-Nitrosodiphenylamine	ND *		5.0	0.51	ug/L		10/25/19 14:25	10/29/19 02:04	1
Pentachlorophenol	ND		10	2.2	ug/L		10/25/19 14:25	10/29/19 02:04	1
Phenanthrene	ND *		5.0	0.44	ug/L		10/25/19 14:25	10/29/19 02:04	1
Phenol	ND		5.0	0.39	ug/L		10/25/19 14:25	10/29/19 02:04	1
Pyrene	ND		5.0	0.34	ug/L		10/25/19 14:25	10/29/19 02:04	1
Benzoic acid	ND		150	100	ug/L		10/25/19 14:25	10/29/19 02:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	101		41 - 120	10/25/19 14:25	10/29/19 02:04	1
2-Fluorobiphenyl	109		48 - 120	10/25/19 14:25	10/29/19 02:04	1
2-Fluorophenol	66		35 - 120	10/25/19 14:25	10/29/19 02:04	1
Nitrobenzene-d5	88		46 - 120	10/25/19 14:25	10/29/19 02:04	1
Phenol-d5	50		22 - 120	10/25/19 14:25	10/29/19 02:04	1
p-Terphenyl-d14	98		60 - 148	10/25/19 14:25	10/29/19 02:04	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.010	J	0.050	0.0092	ug/L		10/28/19 08:07	10/29/19 14:29	1
4,4'-DDE	ND		0.050	0.012	ug/L		10/28/19 08:07	10/29/19 14:29	1
4,4'-DDT	0.020	J *	0.050	0.011	ug/L		10/28/19 08:07	10/29/19 14:29	1
Aldrin	ND		0.050	0.0081	ug/L		10/28/19 08:07	10/29/19 14:29	1
alpha-BHC	0.0099	J B *	0.050	0.0077	ug/L		10/28/19 08:07	10/29/19 14:29	1
cis-Chlordane	ND		0.050	0.015	ug/L		10/28/19 08:07	10/29/19 14:29	1
beta-BHC	ND		0.050	0.025	ug/L		10/28/19 08:07	10/29/19 14:29	1
delta-BHC	ND		0.050	0.010	ug/L		10/28/19 08:07	10/29/19 14:29	1
Dieldrin	ND		0.050	0.0098	ug/L		10/28/19 08:07	10/29/19 14:29	1
Endosulfan I	ND		0.050	0.011	ug/L		10/28/19 08:07	10/29/19 14:29	1
Endosulfan II	ND *		0.050	0.012	ug/L		10/28/19 08:07	10/29/19 14:29	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		10/28/19 08:07	10/29/19 14:29	1
Endrin	ND		0.050	0.014	ug/L		10/28/19 08:07	10/29/19 14:29	1
Endrin aldehyde	ND *		0.050	0.016	ug/L		10/28/19 08:07	10/29/19 14:29	1
Endrin ketone	ND		0.050	0.012	ug/L		10/28/19 08:07	10/29/19 14:29	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		10/28/19 08:07	10/29/19 14:29	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161451-1

Client Sample ID: LPZ-01S

Lab Sample ID: 480-161451-4

Date Collected: 10/23/19 15:00

Matrix: Water

Date Received: 10/23/19 17:30

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-Chlordane	0.038	J	0.050	0.011	ug/L		10/28/19 08:07	10/29/19 14:29	1
Heptachlor	ND		0.050	0.0085	ug/L		10/28/19 08:07	10/29/19 14:29	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		10/28/19 08:07	10/29/19 14:29	1
Methoxychlor	ND		0.050	0.014	ug/L		10/28/19 08:07	10/29/19 14:29	1
Toxaphene	ND		0.50	0.12	ug/L		10/28/19 08:07	10/29/19 14:29	1
Mirex	ND		0.050	0.0096	ug/L		10/28/19 08:07	10/29/19 14:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	66		20 - 120	10/28/19 08:07	10/29/19 14:29	1
DCB Decachlorobiphenyl	78		20 - 120	10/28/19 08:07	10/29/19 14:29	1
Tetrachloro-m-xylene	108		44 - 120	10/28/19 08:07	10/29/19 14:29	1
Tetrachloro-m-xylene	80		44 - 120	10/28/19 08:07	10/29/19 14:29	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		10/28/19 15:12	10/29/19 21:40	1
PCB-1221	ND		0.50	0.18	ug/L		10/28/19 15:12	10/29/19 21:40	1
PCB-1232	ND		0.50	0.18	ug/L		10/28/19 15:12	10/29/19 21:40	1
PCB-1242	ND		0.50	0.18	ug/L		10/28/19 15:12	10/29/19 21:40	1
PCB-1248	ND		0.50	0.18	ug/L		10/28/19 15:12	10/29/19 21:40	1
PCB-1254	ND		0.50	0.25	ug/L		10/28/19 15:12	10/29/19 21:40	1
PCB-1260	ND		0.50	0.25	ug/L		10/28/19 15:12	10/29/19 21:40	1
PCB-1262	ND		0.50	0.25	ug/L		10/28/19 15:12	10/29/19 21:40	1
PCB-1268	ND		0.50	0.25	ug/L		10/28/19 15:12	10/29/19 21:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	94		39 - 121	10/28/19 15:12	10/29/19 21:40	1
Tetrachloro-m-xylene	79		39 - 121	10/28/19 15:12	10/29/19 21:40	1
DCB Decachlorobiphenyl	84		19 - 120	10/28/19 15:12	10/29/19 21:40	1
DCB Decachlorobiphenyl	44		19 - 120	10/28/19 15:12	10/29/19 21:40	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		10/25/19 07:35	10/27/19 19:16	1
Antimony	ND		0.020	0.0068	mg/L		10/25/19 07:35	10/27/19 19:16	1
Arsenic	ND		0.015	0.0056	mg/L		10/25/19 07:35	10/27/19 19:16	1
Barium	0.043		0.0020	0.00070	mg/L		10/25/19 07:35	10/27/19 19:16	1
Beryllium	ND		0.0020	0.00030	mg/L		10/25/19 07:35	10/27/19 19:16	1
Cadmium	ND		0.0020	0.00050	mg/L		10/25/19 07:35	10/27/19 19:16	1
Calcium	284		0.50	0.10	mg/L		10/25/19 07:35	10/27/19 19:16	1
Chromium	ND		0.0040	0.0010	mg/L		10/25/19 07:35	10/27/19 19:16	1
Cobalt	0.0027	J	0.0040	0.00063	mg/L		10/25/19 07:35	10/27/19 19:16	1
Copper	ND		0.010	0.0016	mg/L		10/25/19 07:35	10/27/19 19:16	1
Iron	2.0	B	0.050	0.019	mg/L		10/25/19 07:35	10/27/19 19:16	1
Lead	ND		0.010	0.0030	mg/L		10/25/19 07:35	10/27/19 19:16	1
Magnesium	74.7		0.20	0.043	mg/L		10/25/19 07:35	10/27/19 19:16	1
Manganese	0.77	B	0.0030	0.00040	mg/L		10/25/19 07:35	10/27/19 19:16	1
Nickel	0.0041	J	0.010	0.0013	mg/L		10/25/19 07:35	10/27/19 19:16	1
Potassium	12.1		0.50	0.10	mg/L		10/25/19 07:35	10/27/19 19:16	1
Selenium	ND		0.025	0.0087	mg/L		10/25/19 07:35	10/27/19 19:16	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161451-1

Client Sample ID: LPZ-01S

Lab Sample ID: 480-161451-4

Date Collected: 10/23/19 15:00

Matrix: Water

Date Received: 10/23/19 17:30

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		10/25/19 07:35	10/27/19 19:16	1
Sodium	37.5		1.0	0.32	mg/L		10/25/19 07:35	10/27/19 19:16	1
Thallium	ND		0.020	0.010	mg/L		10/25/19 07:35	10/27/19 19:16	1
Vanadium	ND		0.0050	0.0015	mg/L		10/25/19 07:35	10/27/19 19:16	1
Zinc	0.0039	J B	0.010	0.0015	mg/L		10/25/19 07:35	10/27/19 19:16	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/04/19 11:22	11/04/19 14:31	1

Well LPZ-02S

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123342-1

Client Sample ID: NS-LPZ02S-GW

Lab Sample ID: 480-123342-3

Date Collected: 08/29/17 11:00

Matrix: Water

Date Received: 08/29/17 15:55

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/31/17 03:29	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/31/17 03:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/31/17 03:29	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/31/17 03:29	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/31/17 03:29	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/31/17 03:29	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/31/17 03:29	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/31/17 03:29	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/31/17 03:29	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/31/17 03:29	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/31/17 03:29	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/31/17 03:29	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/31/17 03:29	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/31/17 03:29	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/31/17 03:29	1
2-Hexanone	ND		5.0	1.2	ug/L			08/31/17 03:29	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/31/17 03:29	1
Acetone	ND		10	3.0	ug/L			08/31/17 03:29	1
Benzene	ND		1.0	0.41	ug/L			08/31/17 03:29	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/31/17 03:29	1
Bromoform	ND		1.0	0.26	ug/L			08/31/17 03:29	1
Bromomethane	ND		1.0	0.69	ug/L			08/31/17 03:29	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/31/17 03:29	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/31/17 03:29	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/31/17 03:29	1
Chloroethane	ND		1.0	0.32	ug/L			08/31/17 03:29	1
Chloroform	ND		1.0	0.34	ug/L			08/31/17 03:29	1
Chloromethane	ND		1.0	0.35	ug/L			08/31/17 03:29	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/31/17 03:29	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/31/17 03:29	1
Cyclohexane	ND		1.0	0.18	ug/L			08/31/17 03:29	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/31/17 03:29	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/31/17 03:29	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/31/17 03:29	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/31/17 03:29	1
Methyl acetate	ND		2.5	1.3	ug/L			08/31/17 03:29	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/31/17 03:29	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/31/17 03:29	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/31/17 03:29	1
Styrene	ND		1.0	0.73	ug/L			08/31/17 03:29	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/31/17 03:29	1
Toluene	ND		1.0	0.51	ug/L			08/31/17 03:29	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/31/17 03:29	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/31/17 03:29	1
Trichloroethene	ND		1.0	0.46	ug/L			08/31/17 03:29	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/31/17 03:29	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/31/17 03:29	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/31/17 03:29	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123342-1

Client Sample ID: NS-LPZ02S-GW

Lab Sample ID: 480-123342-3

Date Collected: 08/29/17 11:00

Matrix: Water

Date Received: 08/29/17 15:55

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		08/31/17 03:29	1
4-Bromofluorobenzene (Surr)	98		73 - 120		08/31/17 03:29	1
Toluene-d8 (Surr)	99		80 - 120		08/31/17 03:29	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		08/30/17 07:49	08/31/17 17:08	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		08/30/17 07:49	08/31/17 17:08	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		08/30/17 07:49	08/31/17 17:08	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		08/30/17 07:49	08/31/17 17:08	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		08/30/17 07:49	08/31/17 17:08	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		08/30/17 07:49	08/31/17 17:08	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		08/30/17 07:49	08/31/17 17:08	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		08/30/17 07:49	08/31/17 17:08	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		08/30/17 07:49	08/31/17 17:08	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		08/30/17 07:49	08/31/17 17:08	1
2-Chlorophenol	ND		5.0	0.53	ug/L		08/30/17 07:49	08/31/17 17:08	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/30/17 07:49	08/31/17 17:08	1
2-Methylphenol	ND		5.0	0.40	ug/L		08/30/17 07:49	08/31/17 17:08	1
2-Nitroaniline	ND		10	0.42	ug/L		08/30/17 07:49	08/31/17 17:08	1
2-Nitrophenol	ND		5.0	0.48	ug/L		08/30/17 07:49	08/31/17 17:08	1
3,3'-Dichlorobenzidine	ND	*	5.0	0.40	ug/L		08/30/17 07:49	08/31/17 17:08	1
3-Nitroaniline	ND		10	0.48	ug/L		08/30/17 07:49	08/31/17 17:08	1
4,6-Dinitro-2-methylphenol	ND	*	10	2.2	ug/L		08/30/17 07:49	08/31/17 17:08	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		08/30/17 07:49	08/31/17 17:08	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		08/30/17 07:49	08/31/17 17:08	1
4-Chloroaniline	ND		5.0	0.59	ug/L		08/30/17 07:49	08/31/17 17:08	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		08/30/17 07:49	08/31/17 17:08	1
4-Methylphenol	ND		10	0.36	ug/L		08/30/17 07:49	08/31/17 17:08	1
4-Nitroaniline	ND		10	0.25	ug/L		08/30/17 07:49	08/31/17 17:08	1
4-Nitrophenol	ND		10	1.5	ug/L		08/30/17 07:49	08/31/17 17:08	1
Acenaphthene	ND		5.0	0.41	ug/L		08/30/17 07:49	08/31/17 17:08	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/30/17 07:49	08/31/17 17:08	1
Acetophenone	ND		5.0	0.54	ug/L		08/30/17 07:49	08/31/17 17:08	1
Anthracene	ND		5.0	0.28	ug/L		08/30/17 07:49	08/31/17 17:08	1
Atrazine	ND		5.0	0.46	ug/L		08/30/17 07:49	08/31/17 17:08	1
Benzaldehyde	ND		5.0	0.27	ug/L		08/30/17 07:49	08/31/17 17:08	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		08/30/17 07:49	08/31/17 17:08	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		08/30/17 07:49	08/31/17 17:08	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		08/30/17 07:49	08/31/17 17:08	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		08/30/17 07:49	08/31/17 17:08	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		08/30/17 07:49	08/31/17 17:08	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		08/30/17 07:49	08/31/17 17:08	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		08/30/17 07:49	08/31/17 17:08	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		08/30/17 07:49	08/31/17 17:08	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		08/30/17 07:49	08/31/17 17:08	1
Caprolactam	ND		5.0	2.2	ug/L		08/30/17 07:49	08/31/17 17:08	1
Carbazole	ND		5.0	0.30	ug/L		08/30/17 07:49	08/31/17 17:08	1
Chrysene	ND		5.0	0.33	ug/L		08/30/17 07:49	08/31/17 17:08	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		08/30/17 07:49	08/31/17 17:08	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123342-1

Client Sample ID: NS-LPZ02S-GW

Lab Sample ID: 480-123342-3

Date Collected: 08/29/17 11:00

Matrix: Water

Date Received: 08/29/17 15:55

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		08/30/17 07:49	08/31/17 17:08	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/30/17 07:49	08/31/17 17:08	1
Dibenzofuran	ND		10	0.51	ug/L		08/30/17 07:49	08/31/17 17:08	1
Diethyl phthalate	ND		5.0	0.22	ug/L		08/30/17 07:49	08/31/17 17:08	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		08/30/17 07:49	08/31/17 17:08	1
Fluoranthene	ND		5.0	0.40	ug/L		08/30/17 07:49	08/31/17 17:08	1
Fluorene	ND		5.0	0.36	ug/L		08/30/17 07:49	08/31/17 17:08	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		08/30/17 07:49	08/31/17 17:08	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		08/30/17 07:49	08/31/17 17:08	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		08/30/17 07:49	08/31/17 17:08	1
Hexachloroethane	ND		5.0	0.59	ug/L		08/30/17 07:49	08/31/17 17:08	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		08/30/17 07:49	08/31/17 17:08	1
Isophorone	ND		5.0	0.43	ug/L		08/30/17 07:49	08/31/17 17:08	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		08/30/17 07:49	08/31/17 17:08	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		08/30/17 07:49	08/31/17 17:08	1
Naphthalene	ND		5.0	0.76	ug/L		08/30/17 07:49	08/31/17 17:08	1
Nitrobenzene	ND		5.0	0.29	ug/L		08/30/17 07:49	08/31/17 17:08	1
Pentachlorophenol	ND		10	2.2	ug/L		08/30/17 07:49	08/31/17 17:08	1
Phenanthrene	ND		5.0	0.44	ug/L		08/30/17 07:49	08/31/17 17:08	1
Phenol	ND		5.0	0.39	ug/L		08/30/17 07:49	08/31/17 17:08	1
Pyrene	ND		5.0	0.34	ug/L		08/30/17 07:49	08/31/17 17:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	117		41 - 120	08/30/17 07:49	08/31/17 17:08	1
2-Fluorobiphenyl	95		48 - 120	08/30/17 07:49	08/31/17 17:08	1
2-Fluorophenol	80		35 - 120	08/30/17 07:49	08/31/17 17:08	1
Nitrobenzene-d5	104		46 - 120	08/30/17 07:49	08/31/17 17:08	1
p-Terphenyl-d14	75		59 - 136	08/30/17 07:49	08/31/17 17:08	1
Phenol-d5	60		22 - 120	08/30/17 07:49	08/31/17 17:08	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.051	0.0094	ug/L		08/30/17 07:58	08/30/17 16:37	1
4,4'-DDE	ND		0.051	0.012	ug/L		08/30/17 07:58	08/30/17 16:37	1
4,4'-DDT	ND		0.051	0.011	ug/L		08/30/17 07:58	08/30/17 16:37	1
Aldrin	ND		0.051	0.0083	ug/L		08/30/17 07:58	08/30/17 16:37	1
alpha-BHC	0.012	J	0.051	0.0079	ug/L		08/30/17 07:58	08/30/17 16:37	1
alpha-Chlordane	ND		0.051	0.015	ug/L		08/30/17 07:58	08/30/17 16:37	1
beta-BHC	ND		0.051	0.025	ug/L		08/30/17 07:58	08/30/17 16:37	1
delta-BHC	0.013	J	0.051	0.010	ug/L		08/30/17 07:58	08/30/17 16:37	1
Dieldrin	ND		0.051	0.010	ug/L		08/30/17 07:58	08/30/17 16:37	1
Endosulfan I	ND		0.051	0.011	ug/L		08/30/17 07:58	08/30/17 16:37	1
Endosulfan II	ND		0.051	0.012	ug/L		08/30/17 07:58	08/30/17 16:37	1
Endosulfan sulfate	ND		0.051	0.016	ug/L		08/30/17 07:58	08/30/17 16:37	1
Endrin	ND		0.051	0.014	ug/L		08/30/17 07:58	08/30/17 16:37	1
Endrin aldehyde	ND		0.051	0.017	ug/L		08/30/17 07:58	08/30/17 16:37	1
Endrin ketone	ND		0.051	0.012	ug/L		08/30/17 07:58	08/30/17 16:37	1
gamma-BHC (Lindane)	ND		0.051	0.0082	ug/L		08/30/17 07:58	08/30/17 16:37	1
gamma-Chlordane	ND		0.051	0.011	ug/L		08/30/17 07:58	08/30/17 16:37	1
Heptachlor	ND		0.051	0.0087	ug/L		08/30/17 07:58	08/30/17 16:37	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123342-1

Client Sample ID: NS-LPZ02S-GW

Lab Sample ID: 480-123342-3

Date Collected: 08/29/17 11:00

Matrix: Water

Date Received: 08/29/17 15:55

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		0.051	0.0076	ug/L		08/30/17 07:58	08/30/17 16:37	1
Methoxychlor	ND		0.051	0.014	ug/L		08/30/17 07:58	08/30/17 16:37	1
Toxaphene	ND		0.51	0.12	ug/L		08/30/17 07:58	08/30/17 16:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	88		20 - 120				08/30/17 07:58	08/30/17 16:37	1
DCB Decachlorobiphenyl	93		20 - 120				08/30/17 07:58	08/30/17 16:37	1
Tetrachloro-m-xylene	107		44 - 120				08/30/17 07:58	08/30/17 16:37	1
Tetrachloro-m-xylene	128	X	44 - 120				08/30/17 07:58	08/30/17 16:37	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	*	0.51	0.18	ug/L		08/30/17 14:08	08/31/17 18:36	1
PCB-1221	ND		0.51	0.18	ug/L		08/30/17 14:08	08/31/17 18:36	1
PCB-1232	ND		0.51	0.18	ug/L		08/30/17 14:08	08/31/17 18:36	1
PCB-1242	ND		0.51	0.18	ug/L		08/30/17 14:08	08/31/17 18:36	1
PCB-1248	ND		0.51	0.18	ug/L		08/30/17 14:08	08/31/17 18:36	1
PCB-1254	ND		0.51	0.26	ug/L		08/30/17 14:08	08/31/17 18:36	1
PCB-1260	ND	*	0.51	0.26	ug/L		08/30/17 14:08	08/31/17 18:36	1
PCB-1262	ND		0.51	0.26	ug/L		08/30/17 14:08	08/31/17 18:36	1
PCB-1268	ND		0.51	0.26	ug/L		08/30/17 14:08	08/31/17 18:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	88		39 - 121				08/30/17 14:08	08/31/17 18:36	1
Tetrachloro-m-xylene	95		39 - 121				08/30/17 14:08	08/31/17 18:36	1
DCB Decachlorobiphenyl	78		19 - 120				08/30/17 14:08	08/31/17 18:36	1
DCB Decachlorobiphenyl	92		19 - 120				08/30/17 14:08	08/31/17 18:36	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/30/17 08:26	08/30/17 21:18	1
Antimony	ND		0.020	0.0068	mg/L		08/30/17 08:26	08/30/17 21:18	1
Arsenic	ND		0.015	0.0056	mg/L		08/30/17 08:26	08/30/17 21:18	1
Barium	0.023		0.0020	0.00070	mg/L		08/30/17 08:26	08/30/17 21:18	1
Beryllium	ND		0.0020	0.00030	mg/L		08/30/17 08:26	08/30/17 21:18	1
Cadmium	0.00090	J	0.0020	0.00050	mg/L		08/30/17 08:26	08/30/17 21:18	1
Calcium	514		0.50	0.10	mg/L		08/30/17 08:26	08/30/17 21:18	1
Chromium	ND		0.0040	0.0010	mg/L		08/30/17 08:26	08/30/17 21:18	1
Cobalt	0.0032	J	0.0040	0.00063	mg/L		08/30/17 08:26	08/30/17 21:18	1
Copper	0.0033	J	0.010	0.0016	mg/L		08/30/17 08:26	08/30/17 21:18	1
Iron	0.067		0.050	0.019	mg/L		08/30/17 08:26	08/30/17 21:18	1
Lead	ND		0.010	0.0030	mg/L		08/30/17 08:26	08/30/17 21:18	1
Magnesium	114		0.20	0.043	mg/L		08/30/17 08:26	08/30/17 21:18	1
Manganese	1.3	B	0.0030	0.00040	mg/L		08/30/17 08:26	08/30/17 21:18	1
Nickel	0.028		0.010	0.0013	mg/L		08/30/17 08:26	08/30/17 21:18	1
Potassium	16.0		0.50	0.10	mg/L		08/30/17 08:26	08/30/17 21:18	1
Selenium	ND		0.025	0.0087	mg/L		08/30/17 08:26	08/30/17 21:18	1
Silver	ND		0.0060	0.0017	mg/L		08/30/17 08:26	08/30/17 21:18	1
Sodium	61.6		1.0	0.32	mg/L		08/30/17 08:26	08/30/17 21:18	1
Thallium	ND		0.020	0.010	mg/L		08/30/17 08:26	08/30/17 21:18	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123342-1

Client Sample ID: NS-LPZ02S-GW

Lab Sample ID: 480-123342-3

Date Collected: 08/29/17 11:00

Matrix: Water

Date Received: 08/29/17 15:55

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	ND		0.0050	0.0015	mg/L		08/30/17 08:26	08/30/17 21:18	1
Zinc	0.016		0.010	0.0015	mg/L		08/30/17 08:26	08/30/17 21:18	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/31/17 10:49	08/31/17 18:11	1
Antimony	ND		0.020	0.0068	mg/L		08/31/17 10:49	08/31/17 18:11	1
Arsenic	ND		0.015	0.0056	mg/L		08/31/17 10:49	08/31/17 18:11	1
Barium	0.022		0.0020	0.00070	mg/L		08/31/17 10:49	08/31/17 18:11	1
Beryllium	ND		0.0020	0.00030	mg/L		08/31/17 10:49	08/31/17 18:11	1
Cadmium	0.0011	J	0.0020	0.00050	mg/L		08/31/17 10:49	08/31/17 18:11	1
Calcium	510		0.50	0.10	mg/L		08/31/17 10:49	08/31/17 18:11	1
Chromium	ND		0.0040	0.0010	mg/L		08/31/17 10:49	08/31/17 18:11	1
Cobalt	0.0032	J	0.0040	0.00063	mg/L		08/31/17 10:49	08/31/17 18:11	1
Copper	0.0017	J	0.010	0.0016	mg/L		08/31/17 10:49	08/31/17 18:11	1
Iron	ND		0.050	0.019	mg/L		08/31/17 10:49	08/31/17 18:11	1
Lead	ND		0.010	0.0030	mg/L		08/31/17 10:49	08/31/17 18:11	1
Magnesium	113		0.20	0.043	mg/L		08/31/17 10:49	08/31/17 18:11	1
Manganese	1.3	B	0.0030	0.00040	mg/L		08/31/17 10:49	08/31/17 18:11	1
Nickel	0.029		0.010	0.0013	mg/L		08/31/17 10:49	08/31/17 18:11	1
Potassium	15.8		0.50	0.10	mg/L		08/31/17 10:49	08/31/17 18:11	1
Selenium	ND		0.025	0.0087	mg/L		08/31/17 10:49	08/31/17 18:11	1
Silver	ND		0.0060	0.0017	mg/L		08/31/17 10:49	08/31/17 18:11	1
Sodium	63.0		1.0	0.32	mg/L		08/31/17 10:49	08/31/17 18:11	1
Thallium	ND		0.020	0.010	mg/L		08/31/17 10:49	08/31/17 18:11	1
Vanadium	ND		0.0050	0.0015	mg/L		08/31/17 10:49	08/31/17 18:11	1
Zinc	0.022	B	0.010	0.0015	mg/L		08/31/17 10:49	08/31/17 18:11	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/30/17 10:55	08/30/17 15:08	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/01/17 10:55	09/01/17 15:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	50.6		5.0	2.8	mg/L			08/30/17 15:19	10
Sulfate	1210		100	17.5	mg/L			08/31/17 22:21	50
Alkalinity, Total	723		5.0	0.79	mg/L			08/30/17 17:21	1

TestAmerica Buffalo

Well LPZ-03S

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123019-1

Client Sample ID: NS-LPZ-03S-GW

Lab Sample ID: 480-123019-1

Date Collected: 08/21/17 10:45

Matrix: Water

Date Received: 08/21/17 16:20

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/28/17 12:54	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/28/17 12:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/28/17 12:54	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/28/17 12:54	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/28/17 12:54	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/28/17 12:54	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/28/17 12:54	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/28/17 12:54	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/28/17 12:54	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/28/17 12:54	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/28/17 12:54	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/28/17 12:54	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/28/17 12:54	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/28/17 12:54	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/28/17 12:54	1
2-Hexanone	ND		5.0	1.2	ug/L			08/28/17 12:54	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/28/17 12:54	1
Acetone	ND		10	3.0	ug/L			08/28/17 12:54	1
Benzene	ND		1.0	0.41	ug/L			08/28/17 12:54	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/28/17 12:54	1
Bromoform	ND		1.0	0.26	ug/L			08/28/17 12:54	1
Bromomethane	ND		1.0	0.69	ug/L			08/28/17 12:54	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/28/17 12:54	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/28/17 12:54	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/28/17 12:54	1
Chloroethane	ND		1.0	0.32	ug/L			08/28/17 12:54	1
Chloroform	ND		1.0	0.34	ug/L			08/28/17 12:54	1
Chloromethane	ND		1.0	0.35	ug/L			08/28/17 12:54	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/28/17 12:54	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/28/17 12:54	1
Cyclohexane	ND		1.0	0.18	ug/L			08/28/17 12:54	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/28/17 12:54	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/28/17 12:54	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/28/17 12:54	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/28/17 12:54	1
Methyl acetate	ND		2.5	1.3	ug/L			08/28/17 12:54	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/28/17 12:54	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/28/17 12:54	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/28/17 12:54	1
Styrene	ND		1.0	0.73	ug/L			08/28/17 12:54	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/28/17 12:54	1
Toluene	ND		1.0	0.51	ug/L			08/28/17 12:54	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/28/17 12:54	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/28/17 12:54	1
Trichloroethene	ND		1.0	0.46	ug/L			08/28/17 12:54	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/28/17 12:54	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/28/17 12:54	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/28/17 12:54	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123019-1

Client Sample ID: NS-LPZ-03S-GW

Lab Sample ID: 480-123019-1

Date Collected: 08/21/17 10:45

Matrix: Water

Date Received: 08/21/17 16:20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		77 - 120		08/28/17 12:54	1
4-Bromofluorobenzene (Surr)	94		73 - 120		08/28/17 12:54	1
Toluene-d8 (Surr)	99		80 - 120		08/28/17 12:54	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		08/22/17 13:59	08/24/17 01:38	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		08/22/17 13:59	08/24/17 01:38	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		08/22/17 13:59	08/24/17 01:38	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		08/22/17 13:59	08/24/17 01:38	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		08/22/17 13:59	08/24/17 01:38	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		08/22/17 13:59	08/24/17 01:38	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		08/22/17 13:59	08/24/17 01:38	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		08/22/17 13:59	08/24/17 01:38	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		08/22/17 13:59	08/24/17 01:38	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		08/22/17 13:59	08/24/17 01:38	1
2-Chlorophenol	ND		5.0	0.53	ug/L		08/22/17 13:59	08/24/17 01:38	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/22/17 13:59	08/24/17 01:38	1
2-Methylphenol	ND		5.0	0.40	ug/L		08/22/17 13:59	08/24/17 01:38	1
2-Nitroaniline	ND		10	0.42	ug/L		08/22/17 13:59	08/24/17 01:38	1
2-Nitrophenol	ND		5.0	0.48	ug/L		08/22/17 13:59	08/24/17 01:38	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		08/22/17 13:59	08/24/17 01:38	1
3-Nitroaniline	ND		10	0.48	ug/L		08/22/17 13:59	08/24/17 01:38	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		08/22/17 13:59	08/24/17 01:38	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		08/22/17 13:59	08/24/17 01:38	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		08/22/17 13:59	08/24/17 01:38	1
4-Chloroaniline	ND		5.0	0.59	ug/L		08/22/17 13:59	08/24/17 01:38	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		08/22/17 13:59	08/24/17 01:38	1
4-Methylphenol	0.97	J	10	0.36	ug/L		08/22/17 13:59	08/24/17 01:38	1
4-Nitroaniline	ND		10	0.25	ug/L		08/22/17 13:59	08/24/17 01:38	1
4-Nitrophenol	ND		10	1.5	ug/L		08/22/17 13:59	08/24/17 01:38	1
Acenaphthene	ND		5.0	0.41	ug/L		08/22/17 13:59	08/24/17 01:38	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/22/17 13:59	08/24/17 01:38	1
Acetophenone	ND		5.0	0.54	ug/L		08/22/17 13:59	08/24/17 01:38	1
Anthracene	ND		5.0	0.28	ug/L		08/22/17 13:59	08/24/17 01:38	1
Atrazine	ND		5.0	0.46	ug/L		08/22/17 13:59	08/24/17 01:38	1
Benzaldehyde	ND		5.0	0.27	ug/L		08/22/17 13:59	08/24/17 01:38	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		08/22/17 13:59	08/24/17 01:38	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		08/22/17 13:59	08/24/17 01:38	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		08/22/17 13:59	08/24/17 01:38	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		08/22/17 13:59	08/24/17 01:38	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		08/22/17 13:59	08/24/17 01:38	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		08/22/17 13:59	08/24/17 01:38	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		08/22/17 13:59	08/24/17 01:38	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		08/22/17 13:59	08/24/17 01:38	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		08/22/17 13:59	08/24/17 01:38	1
Caprolactam	ND		5.0	2.2	ug/L		08/22/17 13:59	08/24/17 01:38	1
Carbazole	ND		5.0	0.30	ug/L		08/22/17 13:59	08/24/17 01:38	1
Chrysene	ND		5.0	0.33	ug/L		08/22/17 13:59	08/24/17 01:38	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		08/22/17 13:59	08/24/17 01:38	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123019-1

Client Sample ID: NS-LPZ-03S-GW

Lab Sample ID: 480-123019-1

Date Collected: 08/21/17 10:45

Matrix: Water

Date Received: 08/21/17 16:20

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		08/22/17 13:59	08/24/17 01:38	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/22/17 13:59	08/24/17 01:38	1
Dibenzofuran	ND		10	0.51	ug/L		08/22/17 13:59	08/24/17 01:38	1
Diethyl phthalate	1.6	J	5.0	0.22	ug/L		08/22/17 13:59	08/24/17 01:38	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		08/22/17 13:59	08/24/17 01:38	1
Fluoranthene	ND		5.0	0.40	ug/L		08/22/17 13:59	08/24/17 01:38	1
Fluorene	ND		5.0	0.36	ug/L		08/22/17 13:59	08/24/17 01:38	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		08/22/17 13:59	08/24/17 01:38	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		08/22/17 13:59	08/24/17 01:38	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		08/22/17 13:59	08/24/17 01:38	1
Hexachloroethane	ND		5.0	0.59	ug/L		08/22/17 13:59	08/24/17 01:38	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		08/22/17 13:59	08/24/17 01:38	1
Isophorone	ND		5.0	0.43	ug/L		08/22/17 13:59	08/24/17 01:38	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		08/22/17 13:59	08/24/17 01:38	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		08/22/17 13:59	08/24/17 01:38	1
Naphthalene	ND		5.0	0.76	ug/L		08/22/17 13:59	08/24/17 01:38	1
Nitrobenzene	ND		5.0	0.29	ug/L		08/22/17 13:59	08/24/17 01:38	1
Pentachlorophenol	ND		10	2.2	ug/L		08/22/17 13:59	08/24/17 01:38	1
Phenanthrene	ND		5.0	0.44	ug/L		08/22/17 13:59	08/24/17 01:38	1
Phenol	ND		5.0	0.39	ug/L		08/22/17 13:59	08/24/17 01:38	1
Pyrene	ND		5.0	0.34	ug/L		08/22/17 13:59	08/24/17 01:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	99		41 - 120	08/22/17 13:59	08/24/17 01:38	1
2-Fluorobiphenyl	89		48 - 120	08/22/17 13:59	08/24/17 01:38	1
2-Fluorophenol	68		35 - 120	08/22/17 13:59	08/24/17 01:38	1
Nitrobenzene-d5	95		46 - 120	08/22/17 13:59	08/24/17 01:38	1
p-Terphenyl-d14	74		59 - 136	08/22/17 13:59	08/24/17 01:38	1
Phenol-d5	51		22 - 120	08/22/17 13:59	08/24/17 01:38	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		08/22/17 14:16	08/24/17 12:12	1
4,4'-DDE	ND		0.050	0.012	ug/L		08/22/17 14:16	08/24/17 12:12	1
4,4'-DDT	ND		0.050	0.011	ug/L		08/22/17 14:16	08/24/17 12:12	1
Aldrin	ND		0.050	0.0081	ug/L		08/22/17 14:16	08/24/17 12:12	1
alpha-BHC	ND		0.050	0.0077	ug/L		08/22/17 14:16	08/24/17 12:12	1
alpha-Chlordane	ND		0.050	0.015	ug/L		08/22/17 14:16	08/24/17 12:12	1
beta-BHC	ND		0.050	0.025	ug/L		08/22/17 14:16	08/24/17 12:12	1
delta-BHC	ND		0.050	0.010	ug/L		08/22/17 14:16	08/24/17 12:12	1
Dieldrin	ND		0.050	0.0098	ug/L		08/22/17 14:16	08/24/17 12:12	1
Endosulfan I	ND		0.050	0.011	ug/L		08/22/17 14:16	08/24/17 12:12	1
Endosulfan II	ND		0.050	0.012	ug/L		08/22/17 14:16	08/24/17 12:12	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		08/22/17 14:16	08/24/17 12:12	1
Endrin	ND		0.050	0.014	ug/L		08/22/17 14:16	08/24/17 12:12	1
Endrin aldehyde	ND		0.050	0.016	ug/L		08/22/17 14:16	08/24/17 12:12	1
Endrin ketone	ND		0.050	0.012	ug/L		08/22/17 14:16	08/24/17 12:12	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		08/22/17 14:16	08/24/17 12:12	1
gamma-Chlordane	ND		0.050	0.011	ug/L		08/22/17 14:16	08/24/17 12:12	1
Heptachlor	ND		0.050	0.0085	ug/L		08/22/17 14:16	08/24/17 12:12	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123019-1

Client Sample ID: NS-LPZ-03S-GW

Lab Sample ID: 480-123019-1

Date Collected: 08/21/17 10:45

Matrix: Water

Date Received: 08/21/17 16:20

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		0.050	0.0074	ug/L		08/22/17 14:16	08/24/17 12:12	1
Methoxychlor	ND		0.050	0.014	ug/L		08/22/17 14:16	08/24/17 12:12	1
Toxaphene	ND		0.50	0.12	ug/L		08/22/17 14:16	08/24/17 12:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	73		20 - 120				08/22/17 14:16	08/24/17 12:12	1
DCB Decachlorobiphenyl	60		20 - 120				08/22/17 14:16	08/24/17 12:12	1
Tetrachloro-m-xylene	105		44 - 120				08/22/17 14:16	08/24/17 12:12	1
Tetrachloro-m-xylene	86		44 - 120				08/22/17 14:16	08/24/17 12:12	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		08/23/17 14:55	08/24/17 17:33	1
PCB-1221	ND		0.50	0.18	ug/L		08/23/17 14:55	08/24/17 17:33	1
PCB-1232	ND		0.50	0.18	ug/L		08/23/17 14:55	08/24/17 17:33	1
PCB-1242	ND		0.50	0.18	ug/L		08/23/17 14:55	08/24/17 17:33	1
PCB-1248	ND		0.50	0.18	ug/L		08/23/17 14:55	08/24/17 17:33	1
PCB-1254	ND		0.50	0.25	ug/L		08/23/17 14:55	08/24/17 17:33	1
PCB-1260	ND		0.50	0.25	ug/L		08/23/17 14:55	08/24/17 17:33	1
PCB-1262	ND		0.50	0.25	ug/L		08/23/17 14:55	08/24/17 17:33	1
PCB-1268	ND		0.50	0.25	ug/L		08/23/17 14:55	08/24/17 17:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	96		39 - 121				08/23/17 14:55	08/24/17 17:33	1
Tetrachloro-m-xylene	78		39 - 121				08/23/17 14:55	08/24/17 17:33	1
DCB Decachlorobiphenyl	65		19 - 120				08/23/17 14:55	08/24/17 17:33	1
DCB Decachlorobiphenyl	59		19 - 120				08/23/17 14:55	08/24/17 17:33	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/25/17 11:14	08/25/17 16:46	1
Antimony	ND		0.020	0.0068	mg/L		08/25/17 11:14	08/25/17 16:46	1
Arsenic	0.055		0.015	0.0056	mg/L		08/25/17 11:14	08/25/17 16:46	1
Barium	0.083		0.0020	0.00070	mg/L		08/25/17 11:14	08/25/17 16:46	1
Beryllium	ND		0.0020	0.00030	mg/L		08/25/17 11:14	08/25/17 16:46	1
Cadmium	ND		0.0020	0.00050	mg/L		08/25/17 11:14	08/25/17 16:46	1
Calcium	244		0.50	0.10	mg/L		08/25/17 11:14	08/25/17 16:46	1
Chromium	ND		0.0040	0.0010	mg/L		08/25/17 11:14	08/25/17 16:46	1
Cobalt	ND		0.0040	0.00063	mg/L		08/25/17 11:14	08/25/17 16:46	1
Copper	ND		0.010	0.0016	mg/L		08/25/17 11:14	08/25/17 16:46	1
Iron	7.2		0.050	0.019	mg/L		08/25/17 11:14	08/25/17 16:46	1
Lead	ND		0.020	0.0060	mg/L		08/25/17 11:14	08/28/17 16:17	2
Magnesium	47.1		0.20	0.043	mg/L		08/25/17 11:14	08/25/17 16:46	1
Manganese	0.47	B	0.0030	0.00040	mg/L		08/25/17 11:14	08/25/17 16:46	1
Nickel	ND		0.010	0.0013	mg/L		08/25/17 11:14	08/25/17 16:46	1
Potassium	10.2		0.50	0.10	mg/L		08/25/17 11:14	08/25/17 16:46	1
Selenium	ND		0.025	0.0087	mg/L		08/25/17 11:14	08/25/17 16:46	1
Silver	ND		0.0060	0.0017	mg/L		08/25/17 11:14	08/25/17 16:46	1
Sodium	28.3		1.0	0.32	mg/L		08/25/17 11:14	08/25/17 16:46	1
Thallium	ND		0.020	0.010	mg/L		08/25/17 11:14	08/25/17 16:46	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123019-1

Client Sample ID: NS-LPZ-03S-GW

Lab Sample ID: 480-123019-1

Date Collected: 08/21/17 10:45

Matrix: Water

Date Received: 08/21/17 16:20

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	ND		0.0050	0.0015	mg/L		08/25/17 11:14	08/25/17 16:46	1
Zinc	0.0062	J	0.010	0.0015	mg/L		08/25/17 11:14	08/25/17 16:46	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/25/17 08:00	08/25/17 19:51	1
Antimony	ND		0.020	0.0068	mg/L		08/25/17 08:00	08/25/17 19:51	1
Arsenic	0.024		0.015	0.0056	mg/L		08/25/17 08:00	08/25/17 19:51	1
Barium	0.076		0.0020	0.00070	mg/L		08/25/17 08:00	08/25/17 19:51	1
Beryllium	ND		0.0020	0.00030	mg/L		08/25/17 08:00	08/25/17 19:51	1
Cadmium	ND		0.0020	0.00050	mg/L		08/25/17 08:00	08/25/17 19:51	1
Calcium	243		0.50	0.10	mg/L		08/25/17 08:00	08/25/17 19:51	1
Chromium	ND		0.0040	0.0010	mg/L		08/25/17 08:00	08/25/17 19:51	1
Cobalt	ND		0.0040	0.00063	mg/L		08/25/17 08:00	08/25/17 19:51	1
Copper	ND		0.010	0.0016	mg/L		08/25/17 08:00	08/25/17 19:51	1
Iron	1.6		0.050	0.019	mg/L		08/25/17 08:00	08/25/17 19:51	1
Lead	ND		0.020	0.0060	mg/L		08/25/17 08:00	08/28/17 15:17	2
Magnesium	47.1		0.20	0.043	mg/L		08/25/17 08:00	08/25/17 19:51	1
Manganese	0.46	B	0.0030	0.00040	mg/L		08/25/17 08:00	08/25/17 19:51	1
Nickel	ND		0.010	0.0013	mg/L		08/25/17 08:00	08/25/17 19:51	1
Potassium	10.3		0.50	0.10	mg/L		08/25/17 08:00	08/25/17 19:51	1
Selenium	ND		0.025	0.0087	mg/L		08/25/17 08:00	08/25/17 19:51	1
Silver	ND		0.0060	0.0017	mg/L		08/25/17 08:00	08/25/17 19:51	1
Sodium	28.7		1.0	0.32	mg/L		08/25/17 08:00	08/25/17 19:51	1
Thallium	ND		0.020	0.010	mg/L		08/25/17 08:00	08/25/17 19:51	1
Vanadium	ND		0.0050	0.0015	mg/L		08/25/17 08:00	08/25/17 19:51	1
Zinc	0.0041	J B	0.010	0.0015	mg/L		08/31/17 10:49	08/31/17 17:00	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/24/17 10:50	08/24/17 14:10	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/25/17 11:35	08/25/17 14:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28.4		2.5	1.4	mg/L			08/25/17 17:41	5
Sulfate	292		10.0	1.7	mg/L			08/25/17 17:41	5
Alkalinity, Total	577		5.0	0.79	mg/L			08/22/17 23:18	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161309-1

Client Sample ID: LPZ-03S

Lab Sample ID: 480-161309-1

Date Collected: 10/22/19 10:00

Matrix: Water

Date Received: 10/22/19 16:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/28/19 14:12	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/28/19 14:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/28/19 14:12	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/28/19 14:12	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/28/19 14:12	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/28/19 14:12	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/28/19 14:12	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/28/19 14:12	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/28/19 14:12	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/28/19 14:12	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/28/19 14:12	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/28/19 14:12	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/28/19 14:12	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/28/19 14:12	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/28/19 14:12	1
2-Hexanone	ND		5.0	1.2	ug/L			10/28/19 14:12	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/28/19 14:12	1
Acetone	ND		10	3.0	ug/L			10/28/19 14:12	1
Benzene	ND		1.0	0.41	ug/L			10/28/19 14:12	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/28/19 14:12	1
Bromoform	ND		1.0	0.26	ug/L			10/28/19 14:12	1
Bromomethane	ND		1.0	0.69	ug/L			10/28/19 14:12	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/28/19 14:12	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/28/19 14:12	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/28/19 14:12	1
Chloroethane	ND		1.0	0.32	ug/L			10/28/19 14:12	1
Chloroform	ND		1.0	0.34	ug/L			10/28/19 14:12	1
Chloromethane	ND		1.0	0.35	ug/L			10/28/19 14:12	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/28/19 14:12	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/28/19 14:12	1
Cyclohexane	ND		1.0	0.18	ug/L			10/28/19 14:12	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/28/19 14:12	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/28/19 14:12	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/28/19 14:12	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/28/19 14:12	1
Methyl acetate	ND		2.5	1.3	ug/L			10/28/19 14:12	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/28/19 14:12	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/28/19 14:12	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/28/19 14:12	1
Styrene	ND		1.0	0.73	ug/L			10/28/19 14:12	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/28/19 14:12	1
Toluene	ND		1.0	0.51	ug/L			10/28/19 14:12	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/28/19 14:12	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/28/19 14:12	1
Trichloroethene	ND		1.0	0.46	ug/L			10/28/19 14:12	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/28/19 14:12	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/28/19 14:12	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/28/19 14:12	1
t-Butyl alcohol	ND	*	10	3.3	ug/L			10/28/19 14:12	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161309-1

Client Sample ID: LPZ-03S

Lab Sample ID: 480-161309-1

Date Collected: 10/22/19 10:00

Matrix: Water

Date Received: 10/22/19 16:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		77 - 120		10/28/19 14:12	1
4-Bromofluorobenzene (Surr)	98		73 - 120		10/28/19 14:12	1
Dibromofluoromethane (Surr)	116		75 - 123		10/28/19 14:12	1
Toluene-d8 (Surr)	99		80 - 120		10/28/19 14:12	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		10/23/19 15:11	10/24/19 21:20	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		10/23/19 15:11	10/24/19 21:20	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		10/23/19 15:11	10/24/19 21:20	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		10/23/19 15:11	10/24/19 21:20	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		10/23/19 15:11	10/24/19 21:20	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		10/23/19 15:11	10/24/19 21:20	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		10/23/19 15:11	10/24/19 21:20	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		10/23/19 15:11	10/24/19 21:20	1
2-Chlorophenol	ND		5.0	0.53	ug/L		10/23/19 15:11	10/24/19 21:20	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		10/23/19 15:11	10/24/19 21:20	1
2-Methylphenol	ND		5.0	0.40	ug/L		10/23/19 15:11	10/24/19 21:20	1
2-Nitroaniline	ND		10	0.42	ug/L		10/23/19 15:11	10/24/19 21:20	1
2-Nitrophenol	ND		5.0	0.48	ug/L		10/23/19 15:11	10/24/19 21:20	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		10/23/19 15:11	10/24/19 21:20	1
3-Nitroaniline	ND		10	0.48	ug/L		10/23/19 15:11	10/24/19 21:20	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		10/23/19 15:11	10/24/19 21:20	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		10/23/19 15:11	10/24/19 21:20	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		10/23/19 15:11	10/24/19 21:20	1
4-Chloroaniline	ND		5.0	0.59	ug/L		10/23/19 15:11	10/24/19 21:20	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		10/23/19 15:11	10/24/19 21:20	1
4-Methylphenol	ND		10	0.36	ug/L		10/23/19 15:11	10/24/19 21:20	1
4-Nitroaniline	ND		10	0.25	ug/L		10/23/19 15:11	10/24/19 21:20	1
4-Nitrophenol	ND		10	1.5	ug/L		10/23/19 15:11	10/24/19 21:20	1
Acenaphthene	ND		5.0	0.41	ug/L		10/23/19 15:11	10/24/19 21:20	1
Acenaphthylene	ND		5.0	0.38	ug/L		10/23/19 15:11	10/24/19 21:20	1
Acetophenone	ND		5.0	0.54	ug/L		10/23/19 15:11	10/24/19 21:20	1
Anthracene	ND		5.0	0.28	ug/L		10/23/19 15:11	10/24/19 21:20	1
Atrazine	ND	*	5.0	0.46	ug/L		10/23/19 15:11	10/24/19 21:20	1
Benzaldehyde	ND		5.0	0.27	ug/L		10/23/19 15:11	10/24/19 21:20	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		10/23/19 15:11	10/24/19 21:20	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		10/23/19 15:11	10/24/19 21:20	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		10/23/19 15:11	10/24/19 21:20	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		10/23/19 15:11	10/24/19 21:20	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		10/23/19 15:11	10/24/19 21:20	1
Benzoic acid	ND		150	100	ug/L		10/23/19 15:11	10/24/19 21:20	1
Biphenyl	ND		5.0	0.65	ug/L		10/23/19 15:11	10/24/19 21:20	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		10/23/19 15:11	10/24/19 21:20	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		10/23/19 15:11	10/24/19 21:20	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		10/23/19 15:11	10/24/19 21:20	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		10/23/19 15:11	10/24/19 21:20	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		10/23/19 15:11	10/24/19 21:20	1
Caprolactam	ND		5.0	2.2	ug/L		10/23/19 15:11	10/24/19 21:20	1
Carbazole	ND	*	5.0	0.30	ug/L		10/23/19 15:11	10/24/19 21:20	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161309-1

Client Sample ID: LPZ-03S

Lab Sample ID: 480-161309-1

Date Collected: 10/22/19 10:00

Matrix: Water

Date Received: 10/22/19 16:30

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		10/23/19 15:11	10/24/19 21:20	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		10/23/19 15:11	10/24/19 21:20	1
Dibenzofuran	ND		10	0.51	ug/L		10/23/19 15:11	10/24/19 21:20	1
Diethyl phthalate	0.77	J	5.0	0.22	ug/L		10/23/19 15:11	10/24/19 21:20	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		10/23/19 15:11	10/24/19 21:20	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		10/23/19 15:11	10/24/19 21:20	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		10/23/19 15:11	10/24/19 21:20	1
Fluoranthene	ND		5.0	0.40	ug/L		10/23/19 15:11	10/24/19 21:20	1
Fluorene	ND		5.0	0.36	ug/L		10/23/19 15:11	10/24/19 21:20	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		10/23/19 15:11	10/24/19 21:20	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		10/23/19 15:11	10/24/19 21:20	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		10/23/19 15:11	10/24/19 21:20	1
Hexachloroethane	ND		5.0	0.59	ug/L		10/23/19 15:11	10/24/19 21:20	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		10/23/19 15:11	10/24/19 21:20	1
Isophorone	ND		5.0	0.43	ug/L		10/23/19 15:11	10/24/19 21:20	1
Naphthalene	ND		5.0	0.76	ug/L		10/23/19 15:11	10/24/19 21:20	1
Nitrobenzene	ND		5.0	0.29	ug/L		10/23/19 15:11	10/24/19 21:20	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		10/23/19 15:11	10/24/19 21:20	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		10/23/19 15:11	10/24/19 21:20	1
Pentachlorophenol	ND		10	2.2	ug/L		10/23/19 15:11	10/24/19 21:20	1
Phenanthrene	ND		5.0	0.44	ug/L		10/23/19 15:11	10/24/19 21:20	1
Phenol	ND		5.0	0.39	ug/L		10/23/19 15:11	10/24/19 21:20	1
Pyrene	ND		5.0	0.34	ug/L		10/23/19 15:11	10/24/19 21:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	114		41 - 120	10/23/19 15:11	10/24/19 21:20	1
2-Fluorobiphenyl	102		48 - 120	10/23/19 15:11	10/24/19 21:20	1
2-Fluorophenol	71		35 - 120	10/23/19 15:11	10/24/19 21:20	1
Nitrobenzene-d5	94		46 - 120	10/23/19 15:11	10/24/19 21:20	1
Phenol-d5	53		22 - 120	10/23/19 15:11	10/24/19 21:20	1
p-Terphenyl-d14	94		60 - 148	10/23/19 15:11	10/24/19 21:20	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.010	J	0.050	0.0092	ug/L		10/28/19 08:07	10/29/19 11:52	1
4,4'-DDE	ND		0.050	0.012	ug/L		10/28/19 08:07	10/29/19 11:52	1
4,4'-DDT	0.023	J *	0.050	0.011	ug/L		10/28/19 08:07	10/29/19 11:52	1
Aldrin	ND		0.050	0.0081	ug/L		10/28/19 08:07	10/29/19 11:52	1
alpha-BHC	0.0092	J B *	0.050	0.0077	ug/L		10/28/19 08:07	10/29/19 11:52	1
cis-Chlordane	ND		0.050	0.015	ug/L		10/28/19 08:07	10/29/19 11:52	1
beta-BHC	ND		0.050	0.025	ug/L		10/28/19 08:07	10/29/19 11:52	1
delta-BHC	ND		0.050	0.010	ug/L		10/28/19 08:07	10/29/19 11:52	1
Dieldrin	ND		0.050	0.0098	ug/L		10/28/19 08:07	10/29/19 11:52	1
Endosulfan I	ND		0.050	0.011	ug/L		10/28/19 08:07	10/29/19 11:52	1
Endosulfan II	ND *		0.050	0.012	ug/L		10/28/19 08:07	10/29/19 11:52	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		10/28/19 08:07	10/29/19 11:52	1
Endrin	ND		0.050	0.014	ug/L		10/28/19 08:07	10/29/19 11:52	1
Endrin aldehyde	ND *		0.050	0.016	ug/L		10/28/19 08:07	10/29/19 11:52	1
Endrin ketone	ND		0.050	0.012	ug/L		10/28/19 08:07	10/29/19 11:52	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		10/28/19 08:07	10/29/19 11:52	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161309-1

Client Sample ID: LPZ-03S

Lab Sample ID: 480-161309-1

Date Collected: 10/22/19 10:00

Matrix: Water

Date Received: 10/22/19 16:30

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-Chlordane	0.024	J	0.050	0.011	ug/L		10/28/19 08:07	10/29/19 11:52	1
Heptachlor	ND		0.050	0.0085	ug/L		10/28/19 08:07	10/29/19 11:52	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		10/28/19 08:07	10/29/19 11:52	1
Methoxychlor	ND		0.050	0.014	ug/L		10/28/19 08:07	10/29/19 11:52	1
Toxaphene	ND		0.50	0.12	ug/L		10/28/19 08:07	10/29/19 11:52	1
Mirex	ND		0.050	0.0096	ug/L		10/28/19 08:07	10/29/19 11:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	64		20 - 120	10/28/19 08:07	10/29/19 11:52	1
DCB Decachlorobiphenyl	71		20 - 120	10/28/19 08:07	10/29/19 11:52	1
Tetrachloro-m-xylene	97		44 - 120	10/28/19 08:07	10/29/19 11:52	1
Tetrachloro-m-xylene	74		44 - 120	10/28/19 08:07	10/29/19 11:52	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		10/23/19 15:20	10/24/19 18:49	1
PCB-1221	ND		0.50	0.18	ug/L		10/23/19 15:20	10/24/19 18:49	1
PCB-1232	ND		0.50	0.18	ug/L		10/23/19 15:20	10/24/19 18:49	1
PCB-1242	ND		0.50	0.18	ug/L		10/23/19 15:20	10/24/19 18:49	1
PCB-1248	ND		0.50	0.18	ug/L		10/23/19 15:20	10/24/19 18:49	1
PCB-1254	ND		0.50	0.25	ug/L		10/23/19 15:20	10/24/19 18:49	1
PCB-1260	ND		0.50	0.25	ug/L		10/23/19 15:20	10/24/19 18:49	1
PCB-1262	ND		0.50	0.25	ug/L		10/23/19 15:20	10/24/19 18:49	1
PCB-1268	ND		0.50	0.25	ug/L		10/23/19 15:20	10/24/19 18:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	65		39 - 121	10/23/19 15:20	10/24/19 18:49	1
Tetrachloro-m-xylene	54		39 - 121	10/23/19 15:20	10/24/19 18:49	1
DCB Decachlorobiphenyl	56		19 - 120	10/23/19 15:20	10/24/19 18:49	1
DCB Decachlorobiphenyl	56		19 - 120	10/23/19 15:20	10/24/19 18:49	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		10/23/19 13:40	10/25/19 13:10	1
Antimony	ND		0.020	0.0068	mg/L		10/23/19 13:40	10/25/19 13:10	1
Arsenic	0.047		0.015	0.0056	mg/L		10/23/19 13:40	10/25/19 13:10	1
Barium	0.10		0.0020	0.00070	mg/L		10/23/19 13:40	10/25/19 13:10	1
Beryllium	ND		0.0020	0.00030	mg/L		10/23/19 13:40	10/25/19 13:10	1
Cadmium	ND		0.0020	0.00050	mg/L		10/23/19 13:40	10/25/19 13:10	1
Calcium	235		0.50	0.10	mg/L		10/23/19 13:40	10/25/19 13:10	1
Chromium	ND		0.0040	0.0010	mg/L		10/23/19 13:40	10/25/19 13:10	1
Cobalt	ND		0.0040	0.00063	mg/L		10/23/19 13:40	10/25/19 13:10	1
Copper	ND		0.010	0.0016	mg/L		10/23/19 13:40	10/25/19 13:10	1
Iron	7.1		0.050	0.019	mg/L		10/23/19 13:40	10/25/19 13:10	1
Lead	0.0040	J	0.010	0.0030	mg/L		10/23/19 13:40	10/25/19 13:10	1
Magnesium	39.9		0.20	0.043	mg/L		10/23/19 13:40	10/25/19 13:10	1
Manganese	0.37		0.0030	0.00040	mg/L		10/23/19 13:40	10/25/19 13:10	1
Nickel	0.0049	J	0.010	0.0013	mg/L		10/23/19 13:40	10/25/19 13:10	1
Potassium	8.9		0.50	0.10	mg/L		10/23/19 13:40	10/25/19 13:10	1
Selenium	ND		0.025	0.0087	mg/L		10/23/19 13:40	10/25/19 13:10	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161309-1

Client Sample ID: LPZ-03S

Lab Sample ID: 480-161309-1

Date Collected: 10/22/19 10:00

Matrix: Water

Date Received: 10/22/19 16:30

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		10/23/19 13:40	10/25/19 13:10	1
Sodium	24.6		1.0	0.32	mg/L		10/23/19 13:40	10/25/19 13:10	1
Thallium	ND		0.020	0.010	mg/L		10/23/19 13:40	10/25/19 13:10	1
Vanadium	ND		0.0050	0.0015	mg/L		10/23/19 13:40	10/25/19 13:10	1
Zinc	0.0025	J B	0.010	0.0015	mg/L		10/23/19 13:40	10/25/19 13:10	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		10/30/19 12:08	10/30/19 17:14	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161309-1

Client Sample ID: LPZ-03S-DUP

Lab Sample ID: 480-161309-2

Date Collected: 10/22/19 10:00

Matrix: Water

Date Received: 10/22/19 16:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/28/19 14:35	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/28/19 14:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/28/19 14:35	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/28/19 14:35	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/28/19 14:35	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/28/19 14:35	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/28/19 14:35	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/28/19 14:35	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/28/19 14:35	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/28/19 14:35	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/28/19 14:35	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/28/19 14:35	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/28/19 14:35	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/28/19 14:35	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/28/19 14:35	1
2-Hexanone	ND		5.0	1.2	ug/L			10/28/19 14:35	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/28/19 14:35	1
Acetone	ND		10	3.0	ug/L			10/28/19 14:35	1
Benzene	ND		1.0	0.41	ug/L			10/28/19 14:35	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/28/19 14:35	1
Bromoform	ND		1.0	0.26	ug/L			10/28/19 14:35	1
Bromomethane	ND		1.0	0.69	ug/L			10/28/19 14:35	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/28/19 14:35	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/28/19 14:35	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/28/19 14:35	1
Chloroethane	ND		1.0	0.32	ug/L			10/28/19 14:35	1
Chloroform	ND		1.0	0.34	ug/L			10/28/19 14:35	1
Chloromethane	ND		1.0	0.35	ug/L			10/28/19 14:35	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/28/19 14:35	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/28/19 14:35	1
Cyclohexane	ND		1.0	0.18	ug/L			10/28/19 14:35	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/28/19 14:35	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/28/19 14:35	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/28/19 14:35	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/28/19 14:35	1
Methyl acetate	ND		2.5	1.3	ug/L			10/28/19 14:35	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/28/19 14:35	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/28/19 14:35	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/28/19 14:35	1
Styrene	ND		1.0	0.73	ug/L			10/28/19 14:35	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/28/19 14:35	1
Toluene	ND		1.0	0.51	ug/L			10/28/19 14:35	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/28/19 14:35	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/28/19 14:35	1
Trichloroethene	ND		1.0	0.46	ug/L			10/28/19 14:35	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/28/19 14:35	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/28/19 14:35	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/28/19 14:35	1
t-Butyl alcohol	ND	*	10	3.3	ug/L			10/28/19 14:35	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161309-1

Client Sample ID: LPZ-03S-DUP

Lab Sample ID: 480-161309-2

Date Collected: 10/22/19 10:00

Matrix: Water

Date Received: 10/22/19 16:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	118		77 - 120		10/28/19 14:35	1
4-Bromofluorobenzene (Surr)	99		73 - 120		10/28/19 14:35	1
Dibromofluoromethane (Surr)	117		75 - 123		10/28/19 14:35	1
Toluene-d8 (Surr)	99		80 - 120		10/28/19 14:35	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		10/23/19 15:11	10/24/19 21:48	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		10/23/19 15:11	10/24/19 21:48	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		10/23/19 15:11	10/24/19 21:48	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		10/23/19 15:11	10/24/19 21:48	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		10/23/19 15:11	10/24/19 21:48	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		10/23/19 15:11	10/24/19 21:48	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		10/23/19 15:11	10/24/19 21:48	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		10/23/19 15:11	10/24/19 21:48	1
2-Chlorophenol	ND		5.0	0.53	ug/L		10/23/19 15:11	10/24/19 21:48	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		10/23/19 15:11	10/24/19 21:48	1
2-Methylphenol	ND		5.0	0.40	ug/L		10/23/19 15:11	10/24/19 21:48	1
2-Nitroaniline	ND		10	0.42	ug/L		10/23/19 15:11	10/24/19 21:48	1
2-Nitrophenol	ND		5.0	0.48	ug/L		10/23/19 15:11	10/24/19 21:48	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		10/23/19 15:11	10/24/19 21:48	1
3-Nitroaniline	ND		10	0.48	ug/L		10/23/19 15:11	10/24/19 21:48	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		10/23/19 15:11	10/24/19 21:48	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		10/23/19 15:11	10/24/19 21:48	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		10/23/19 15:11	10/24/19 21:48	1
4-Chloroaniline	ND		5.0	0.59	ug/L		10/23/19 15:11	10/24/19 21:48	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		10/23/19 15:11	10/24/19 21:48	1
4-Methylphenol	ND		10	0.36	ug/L		10/23/19 15:11	10/24/19 21:48	1
4-Nitroaniline	ND		10	0.25	ug/L		10/23/19 15:11	10/24/19 21:48	1
4-Nitrophenol	ND		10	1.5	ug/L		10/23/19 15:11	10/24/19 21:48	1
Acenaphthene	ND		5.0	0.41	ug/L		10/23/19 15:11	10/24/19 21:48	1
Acenaphthylene	ND		5.0	0.38	ug/L		10/23/19 15:11	10/24/19 21:48	1
Acetophenone	ND		5.0	0.54	ug/L		10/23/19 15:11	10/24/19 21:48	1
Anthracene	ND		5.0	0.28	ug/L		10/23/19 15:11	10/24/19 21:48	1
Atrazine	ND	*	5.0	0.46	ug/L		10/23/19 15:11	10/24/19 21:48	1
Benzaldehyde	ND		5.0	0.27	ug/L		10/23/19 15:11	10/24/19 21:48	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		10/23/19 15:11	10/24/19 21:48	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		10/23/19 15:11	10/24/19 21:48	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		10/23/19 15:11	10/24/19 21:48	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		10/23/19 15:11	10/24/19 21:48	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		10/23/19 15:11	10/24/19 21:48	1
Benzoic acid	ND		150	100	ug/L		10/23/19 15:11	10/24/19 21:48	1
Biphenyl	ND		5.0	0.65	ug/L		10/23/19 15:11	10/24/19 21:48	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		10/23/19 15:11	10/24/19 21:48	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		10/23/19 15:11	10/24/19 21:48	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		10/23/19 15:11	10/24/19 21:48	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		10/23/19 15:11	10/24/19 21:48	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		10/23/19 15:11	10/24/19 21:48	1
Caprolactam	ND		5.0	2.2	ug/L		10/23/19 15:11	10/24/19 21:48	1
Carbazole	ND	*	5.0	0.30	ug/L		10/23/19 15:11	10/24/19 21:48	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161309-1

Client Sample ID: LPZ-03S-DUP

Lab Sample ID: 480-161309-2

Date Collected: 10/22/19 10:00

Matrix: Water

Date Received: 10/22/19 16:30

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		10/23/19 15:11	10/24/19 21:48	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		10/23/19 15:11	10/24/19 21:48	1
Dibenzofuran	ND		10	0.51	ug/L		10/23/19 15:11	10/24/19 21:48	1
Diethyl phthalate	1.0	J	5.0	0.22	ug/L		10/23/19 15:11	10/24/19 21:48	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		10/23/19 15:11	10/24/19 21:48	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		10/23/19 15:11	10/24/19 21:48	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		10/23/19 15:11	10/24/19 21:48	1
Fluoranthene	ND		5.0	0.40	ug/L		10/23/19 15:11	10/24/19 21:48	1
Fluorene	ND		5.0	0.36	ug/L		10/23/19 15:11	10/24/19 21:48	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		10/23/19 15:11	10/24/19 21:48	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		10/23/19 15:11	10/24/19 21:48	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		10/23/19 15:11	10/24/19 21:48	1
Hexachloroethane	ND		5.0	0.59	ug/L		10/23/19 15:11	10/24/19 21:48	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		10/23/19 15:11	10/24/19 21:48	1
Isophorone	ND		5.0	0.43	ug/L		10/23/19 15:11	10/24/19 21:48	1
Naphthalene	ND		5.0	0.76	ug/L		10/23/19 15:11	10/24/19 21:48	1
Nitrobenzene	ND		5.0	0.29	ug/L		10/23/19 15:11	10/24/19 21:48	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		10/23/19 15:11	10/24/19 21:48	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		10/23/19 15:11	10/24/19 21:48	1
Pentachlorophenol	ND		10	2.2	ug/L		10/23/19 15:11	10/24/19 21:48	1
Phenanthrene	ND		5.0	0.44	ug/L		10/23/19 15:11	10/24/19 21:48	1
Phenol	ND		5.0	0.39	ug/L		10/23/19 15:11	10/24/19 21:48	1
Pyrene	ND		5.0	0.34	ug/L		10/23/19 15:11	10/24/19 21:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	103		41 - 120	10/23/19 15:11	10/24/19 21:48	1
2-Fluorobiphenyl	100		48 - 120	10/23/19 15:11	10/24/19 21:48	1
2-Fluorophenol	70		35 - 120	10/23/19 15:11	10/24/19 21:48	1
Nitrobenzene-d5	93		46 - 120	10/23/19 15:11	10/24/19 21:48	1
Phenol-d5	53		22 - 120	10/23/19 15:11	10/24/19 21:48	1
p-Terphenyl-d14	90		60 - 148	10/23/19 15:11	10/24/19 21:48	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.013	J	0.050	0.0092	ug/L		10/28/19 08:07	10/29/19 12:12	1
4,4'-DDE	ND		0.050	0.012	ug/L		10/28/19 08:07	10/29/19 12:12	1
4,4'-DDT	0.028	J *	0.050	0.011	ug/L		10/28/19 08:07	10/29/19 12:12	1
Aldrin	ND		0.050	0.0081	ug/L		10/28/19 08:07	10/29/19 12:12	1
alpha-BHC	0.013	J B *	0.050	0.0077	ug/L		10/28/19 08:07	10/29/19 12:12	1
cis-Chlordane	ND		0.050	0.015	ug/L		10/28/19 08:07	10/29/19 12:12	1
beta-BHC	0.033	J	0.050	0.025	ug/L		10/28/19 08:07	10/29/19 12:12	1
delta-BHC	ND		0.050	0.010	ug/L		10/28/19 08:07	10/29/19 12:12	1
Dieldrin	ND		0.050	0.0098	ug/L		10/28/19 08:07	10/29/19 12:12	1
Endosulfan I	ND		0.050	0.011	ug/L		10/28/19 08:07	10/29/19 12:12	1
Endosulfan II	ND *		0.050	0.012	ug/L		10/28/19 08:07	10/29/19 12:12	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		10/28/19 08:07	10/29/19 12:12	1
Endrin	ND		0.050	0.014	ug/L		10/28/19 08:07	10/29/19 12:12	1
Endrin aldehyde	ND *		0.050	0.016	ug/L		10/28/19 08:07	10/29/19 12:12	1
Endrin ketone	ND		0.050	0.012	ug/L		10/28/19 08:07	10/29/19 12:12	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		10/28/19 08:07	10/29/19 12:12	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161309-1

Client Sample ID: LPZ-03S-DUP

Lab Sample ID: 480-161309-2

Date Collected: 10/22/19 10:00

Matrix: Water

Date Received: 10/22/19 16:30

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-Chlordane	ND		0.050	0.011	ug/L		10/28/19 08:07	10/29/19 12:12	1
Heptachlor	ND		0.050	0.0085	ug/L		10/28/19 08:07	10/29/19 12:12	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		10/28/19 08:07	10/29/19 12:12	1
Methoxychlor	ND		0.050	0.014	ug/L		10/28/19 08:07	10/29/19 12:12	1
Toxaphene	ND		0.50	0.12	ug/L		10/28/19 08:07	10/29/19 12:12	1
Mirex	ND		0.050	0.0096	ug/L		10/28/19 08:07	10/29/19 12:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	62		20 - 120	10/28/19 08:07	10/29/19 12:12	1
DCB Decachlorobiphenyl	69		20 - 120	10/28/19 08:07	10/29/19 12:12	1
Tetrachloro-m-xylene	95		44 - 120	10/28/19 08:07	10/29/19 12:12	1
Tetrachloro-m-xylene	75		44 - 120	10/28/19 08:07	10/29/19 12:12	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		10/23/19 15:20	10/24/19 19:01	1
PCB-1221	ND		0.50	0.18	ug/L		10/23/19 15:20	10/24/19 19:01	1
PCB-1232	ND		0.50	0.18	ug/L		10/23/19 15:20	10/24/19 19:01	1
PCB-1242	ND		0.50	0.18	ug/L		10/23/19 15:20	10/24/19 19:01	1
PCB-1248	ND		0.50	0.18	ug/L		10/23/19 15:20	10/24/19 19:01	1
PCB-1254	ND		0.50	0.25	ug/L		10/23/19 15:20	10/24/19 19:01	1
PCB-1260	ND		0.50	0.25	ug/L		10/23/19 15:20	10/24/19 19:01	1
PCB-1262	ND		0.50	0.25	ug/L		10/23/19 15:20	10/24/19 19:01	1
PCB-1268	ND		0.50	0.25	ug/L		10/23/19 15:20	10/24/19 19:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	70		39 - 121	10/23/19 15:20	10/24/19 19:01	1
Tetrachloro-m-xylene	65		39 - 121	10/23/19 15:20	10/24/19 19:01	1
DCB Decachlorobiphenyl	58		19 - 120	10/23/19 15:20	10/24/19 19:01	1
DCB Decachlorobiphenyl	59		19 - 120	10/23/19 15:20	10/24/19 19:01	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		10/23/19 13:40	10/25/19 13:14	1
Antimony	ND		0.020	0.0068	mg/L		10/23/19 13:40	10/25/19 13:14	1
Arsenic	0.043		0.015	0.0056	mg/L		10/23/19 13:40	10/25/19 13:14	1
Barium	0.10		0.0020	0.00070	mg/L		10/23/19 13:40	10/25/19 13:14	1
Beryllium	ND		0.0020	0.00030	mg/L		10/23/19 13:40	10/25/19 13:14	1
Cadmium	ND		0.0020	0.00050	mg/L		10/23/19 13:40	10/25/19 13:14	1
Calcium	230		0.50	0.10	mg/L		10/23/19 13:40	10/25/19 13:14	1
Chromium	ND		0.0040	0.0010	mg/L		10/23/19 13:40	10/25/19 13:14	1
Cobalt	ND		0.0040	0.00063	mg/L		10/23/19 13:40	10/25/19 13:14	1
Copper	ND		0.010	0.0016	mg/L		10/23/19 13:40	10/25/19 13:14	1
Iron	6.4		0.050	0.019	mg/L		10/23/19 13:40	10/25/19 13:14	1
Lead	0.0055	J	0.010	0.0030	mg/L		10/23/19 13:40	10/25/19 13:14	1
Magnesium	40.1		0.20	0.043	mg/L		10/23/19 13:40	10/25/19 13:14	1
Manganese	0.37		0.0030	0.00040	mg/L		10/23/19 13:40	10/25/19 13:14	1
Nickel	0.0043	J	0.010	0.0013	mg/L		10/23/19 13:40	10/25/19 13:14	1
Potassium	8.9		0.50	0.10	mg/L		10/23/19 13:40	10/25/19 13:14	1
Selenium	ND		0.025	0.0087	mg/L		10/23/19 13:40	10/25/19 13:14	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161309-1

Client Sample ID: LPZ-03S-DUP

Lab Sample ID: 480-161309-2

Date Collected: 10/22/19 10:00

Matrix: Water

Date Received: 10/22/19 16:30

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		10/23/19 13:40	10/25/19 13:14	1
Sodium	24.6		1.0	0.32	mg/L		10/23/19 13:40	10/25/19 13:14	1
Thallium	ND		0.020	0.010	mg/L		10/23/19 13:40	10/25/19 13:14	1
Vanadium	ND		0.0050	0.0015	mg/L		10/23/19 13:40	10/25/19 13:14	1
Zinc	0.0025	J B	0.010	0.0015	mg/L		10/23/19 13:40	10/25/19 13:14	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		10/30/19 12:08	10/30/19 17:15	1

Well LPZ-04S

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123019-1

Client Sample ID: NS-LPZ-04S-GW

Lab Sample ID: 480-123019-2

Date Collected: 08/21/17 12:00

Matrix: Water

Date Received: 08/21/17 16:20

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			08/28/17 13:21	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			08/28/17 13:21	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			08/28/17 13:21	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			08/28/17 13:21	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			08/28/17 13:21	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			08/28/17 13:21	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			08/28/17 13:21	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			08/28/17 13:21	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			08/28/17 13:21	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			08/28/17 13:21	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			08/28/17 13:21	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			08/28/17 13:21	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			08/28/17 13:21	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			08/28/17 13:21	4
2-Butanone (MEK)	ND		40	5.3	ug/L			08/28/17 13:21	4
2-Hexanone	ND		20	5.0	ug/L			08/28/17 13:21	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			08/28/17 13:21	4
Acetone	ND		40	12	ug/L			08/28/17 13:21	4
Benzene	ND		4.0	1.6	ug/L			08/28/17 13:21	4
Bromodichloromethane	ND		4.0	1.6	ug/L			08/28/17 13:21	4
Bromoform	ND		4.0	1.0	ug/L			08/28/17 13:21	4
Bromomethane	ND		4.0	2.8	ug/L			08/28/17 13:21	4
Carbon disulfide	ND		4.0	0.76	ug/L			08/28/17 13:21	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			08/28/17 13:21	4
Chlorobenzene	ND		4.0	3.0	ug/L			08/28/17 13:21	4
Chloroethane	ND		4.0	1.3	ug/L			08/28/17 13:21	4
Chloroform	ND		4.0	1.4	ug/L			08/28/17 13:21	4
Chloromethane	ND		4.0	1.4	ug/L			08/28/17 13:21	4
cis-1,2-Dichloroethene	ND		4.0	3.2	ug/L			08/28/17 13:21	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			08/28/17 13:21	4
Cyclohexane	ND		4.0	0.72	ug/L			08/28/17 13:21	4
Dibromochloromethane	ND		4.0	1.3	ug/L			08/28/17 13:21	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			08/28/17 13:21	4
Ethylbenzene	ND		4.0	3.0	ug/L			08/28/17 13:21	4
Isopropylbenzene	ND		4.0	3.2	ug/L			08/28/17 13:21	4
Methyl acetate	ND		10	5.2	ug/L			08/28/17 13:21	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			08/28/17 13:21	4
Methylcyclohexane	ND		4.0	0.64	ug/L			08/28/17 13:21	4
Methylene Chloride	ND		4.0	1.8	ug/L			08/28/17 13:21	4
Styrene	ND		4.0	2.9	ug/L			08/28/17 13:21	4
Tetrachloroethene	ND		4.0	1.4	ug/L			08/28/17 13:21	4
Toluene	ND		4.0	2.0	ug/L			08/28/17 13:21	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			08/28/17 13:21	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			08/28/17 13:21	4
Trichloroethene	ND		4.0	1.8	ug/L			08/28/17 13:21	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			08/28/17 13:21	4
Vinyl chloride	ND		4.0	3.6	ug/L			08/28/17 13:21	4
Xylenes, Total	ND		8.0	2.6	ug/L			08/28/17 13:21	4

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123019-1

Client Sample ID: NS-LPZ-04S-GW

Lab Sample ID: 480-123019-2

Date Collected: 08/21/17 12:00

Matrix: Water

Date Received: 08/21/17 16:20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		08/28/17 13:21	4
4-Bromofluorobenzene (Surr)	93		73 - 120		08/28/17 13:21	4
Toluene-d8 (Surr)	100		80 - 120		08/28/17 13:21	4

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		08/22/17 13:59	08/24/17 02:07	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		08/22/17 13:59	08/24/17 02:07	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		08/22/17 13:59	08/24/17 02:07	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		08/22/17 13:59	08/24/17 02:07	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		08/22/17 13:59	08/24/17 02:07	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		08/22/17 13:59	08/24/17 02:07	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		08/22/17 13:59	08/24/17 02:07	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		08/22/17 13:59	08/24/17 02:07	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		08/22/17 13:59	08/24/17 02:07	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		08/22/17 13:59	08/24/17 02:07	1
2-Chlorophenol	ND		5.0	0.53	ug/L		08/22/17 13:59	08/24/17 02:07	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/22/17 13:59	08/24/17 02:07	1
2-Methylphenol	ND		5.0	0.40	ug/L		08/22/17 13:59	08/24/17 02:07	1
2-Nitroaniline	ND		10	0.42	ug/L		08/22/17 13:59	08/24/17 02:07	1
2-Nitrophenol	ND		5.0	0.48	ug/L		08/22/17 13:59	08/24/17 02:07	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		08/22/17 13:59	08/24/17 02:07	1
3-Nitroaniline	ND		10	0.48	ug/L		08/22/17 13:59	08/24/17 02:07	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		08/22/17 13:59	08/24/17 02:07	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		08/22/17 13:59	08/24/17 02:07	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		08/22/17 13:59	08/24/17 02:07	1
4-Chloroaniline	ND		5.0	0.59	ug/L		08/22/17 13:59	08/24/17 02:07	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		08/22/17 13:59	08/24/17 02:07	1
4-Methylphenol	0.65	J	10	0.36	ug/L		08/22/17 13:59	08/24/17 02:07	1
4-Nitroaniline	ND		10	0.25	ug/L		08/22/17 13:59	08/24/17 02:07	1
4-Nitrophenol	ND		10	1.5	ug/L		08/22/17 13:59	08/24/17 02:07	1
Acenaphthene	ND		5.0	0.41	ug/L		08/22/17 13:59	08/24/17 02:07	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/22/17 13:59	08/24/17 02:07	1
Acetophenone	ND		5.0	0.54	ug/L		08/22/17 13:59	08/24/17 02:07	1
Anthracene	ND		5.0	0.28	ug/L		08/22/17 13:59	08/24/17 02:07	1
Atrazine	ND		5.0	0.46	ug/L		08/22/17 13:59	08/24/17 02:07	1
Benzaldehyde	ND		5.0	0.27	ug/L		08/22/17 13:59	08/24/17 02:07	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		08/22/17 13:59	08/24/17 02:07	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		08/22/17 13:59	08/24/17 02:07	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		08/22/17 13:59	08/24/17 02:07	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		08/22/17 13:59	08/24/17 02:07	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		08/22/17 13:59	08/24/17 02:07	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		08/22/17 13:59	08/24/17 02:07	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		08/22/17 13:59	08/24/17 02:07	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		08/22/17 13:59	08/24/17 02:07	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		08/22/17 13:59	08/24/17 02:07	1
Caprolactam	ND		5.0	2.2	ug/L		08/22/17 13:59	08/24/17 02:07	1
Carbazole	ND		5.0	0.30	ug/L		08/22/17 13:59	08/24/17 02:07	1
Chrysene	ND		5.0	0.33	ug/L		08/22/17 13:59	08/24/17 02:07	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		08/22/17 13:59	08/24/17 02:07	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123019-1

Client Sample ID: NS-LPZ-04S-GW

Lab Sample ID: 480-123019-2

Date Collected: 08/21/17 12:00

Matrix: Water

Date Received: 08/21/17 16:20

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		08/22/17 13:59	08/24/17 02:07	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/22/17 13:59	08/24/17 02:07	1
Dibenzofuran	ND		10	0.51	ug/L		08/22/17 13:59	08/24/17 02:07	1
Diethyl phthalate	ND		5.0	0.22	ug/L		08/22/17 13:59	08/24/17 02:07	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		08/22/17 13:59	08/24/17 02:07	1
Fluoranthene	ND		5.0	0.40	ug/L		08/22/17 13:59	08/24/17 02:07	1
Fluorene	ND		5.0	0.36	ug/L		08/22/17 13:59	08/24/17 02:07	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		08/22/17 13:59	08/24/17 02:07	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		08/22/17 13:59	08/24/17 02:07	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		08/22/17 13:59	08/24/17 02:07	1
Hexachloroethane	ND		5.0	0.59	ug/L		08/22/17 13:59	08/24/17 02:07	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		08/22/17 13:59	08/24/17 02:07	1
Isophorone	ND		5.0	0.43	ug/L		08/22/17 13:59	08/24/17 02:07	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		08/22/17 13:59	08/24/17 02:07	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		08/22/17 13:59	08/24/17 02:07	1
Naphthalene	ND		5.0	0.76	ug/L		08/22/17 13:59	08/24/17 02:07	1
Nitrobenzene	ND		5.0	0.29	ug/L		08/22/17 13:59	08/24/17 02:07	1
Pentachlorophenol	ND		10	2.2	ug/L		08/22/17 13:59	08/24/17 02:07	1
Phenanthrene	ND		5.0	0.44	ug/L		08/22/17 13:59	08/24/17 02:07	1
Phenol	ND		5.0	0.39	ug/L		08/22/17 13:59	08/24/17 02:07	1
Pyrene	ND		5.0	0.34	ug/L		08/22/17 13:59	08/24/17 02:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	96		41 - 120	08/22/17 13:59	08/24/17 02:07	1
2-Fluorobiphenyl	84		48 - 120	08/22/17 13:59	08/24/17 02:07	1
2-Fluorophenol	64		35 - 120	08/22/17 13:59	08/24/17 02:07	1
Nitrobenzene-d5	86		46 - 120	08/22/17 13:59	08/24/17 02:07	1
p-Terphenyl-d14	64		59 - 136	08/22/17 13:59	08/24/17 02:07	1
Phenol-d5	47		22 - 120	08/22/17 13:59	08/24/17 02:07	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		08/22/17 14:16	08/24/17 12:31	1
4,4'-DDE	ND		0.050	0.012	ug/L		08/22/17 14:16	08/24/17 12:31	1
4,4'-DDT	ND		0.050	0.011	ug/L		08/22/17 14:16	08/24/17 12:31	1
Aldrin	ND		0.050	0.0081	ug/L		08/22/17 14:16	08/24/17 12:31	1
alpha-BHC	ND		0.050	0.0077	ug/L		08/22/17 14:16	08/24/17 12:31	1
alpha-Chlordane	ND		0.050	0.015	ug/L		08/22/17 14:16	08/24/17 12:31	1
beta-BHC	ND		0.050	0.025	ug/L		08/22/17 14:16	08/24/17 12:31	1
delta-BHC	ND		0.050	0.010	ug/L		08/22/17 14:16	08/24/17 12:31	1
Dieldrin	ND		0.050	0.0098	ug/L		08/22/17 14:16	08/24/17 12:31	1
Endosulfan I	ND		0.050	0.011	ug/L		08/22/17 14:16	08/24/17 12:31	1
Endosulfan II	ND		0.050	0.012	ug/L		08/22/17 14:16	08/24/17 12:31	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		08/22/17 14:16	08/24/17 12:31	1
Endrin	ND		0.050	0.014	ug/L		08/22/17 14:16	08/24/17 12:31	1
Endrin aldehyde	ND		0.050	0.016	ug/L		08/22/17 14:16	08/24/17 12:31	1
Endrin ketone	ND		0.050	0.012	ug/L		08/22/17 14:16	08/24/17 12:31	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		08/22/17 14:16	08/24/17 12:31	1
gamma-Chlordane	ND		0.050	0.011	ug/L		08/22/17 14:16	08/24/17 12:31	1
Heptachlor	ND		0.050	0.0085	ug/L		08/22/17 14:16	08/24/17 12:31	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123019-1

Client Sample ID: NS-LPZ-04S-GW

Lab Sample ID: 480-123019-2

Date Collected: 08/21/17 12:00

Matrix: Water

Date Received: 08/21/17 16:20

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		0.050	0.0074	ug/L		08/22/17 14:16	08/24/17 12:31	1
Methoxychlor	ND		0.050	0.014	ug/L		08/22/17 14:16	08/24/17 12:31	1
Toxaphene	ND		0.50	0.12	ug/L		08/22/17 14:16	08/24/17 12:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	75		20 - 120	08/22/17 14:16	08/24/17 12:31	1
DCB Decachlorobiphenyl	62		20 - 120	08/22/17 14:16	08/24/17 12:31	1
Tetrachloro-m-xylene	100		44 - 120	08/22/17 14:16	08/24/17 12:31	1
Tetrachloro-m-xylene	82		44 - 120	08/22/17 14:16	08/24/17 12:31	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		08/23/17 14:55	08/24/17 17:48	1
PCB-1221	ND		0.50	0.18	ug/L		08/23/17 14:55	08/24/17 17:48	1
PCB-1232	ND		0.50	0.18	ug/L		08/23/17 14:55	08/24/17 17:48	1
PCB-1242	ND		0.50	0.18	ug/L		08/23/17 14:55	08/24/17 17:48	1
PCB-1248	ND		0.50	0.18	ug/L		08/23/17 14:55	08/24/17 17:48	1
PCB-1254	ND		0.50	0.25	ug/L		08/23/17 14:55	08/24/17 17:48	1
PCB-1260	ND		0.50	0.25	ug/L		08/23/17 14:55	08/24/17 17:48	1
PCB-1262	ND		0.50	0.25	ug/L		08/23/17 14:55	08/24/17 17:48	1
PCB-1268	ND		0.50	0.25	ug/L		08/23/17 14:55	08/24/17 17:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	92		39 - 121	08/23/17 14:55	08/24/17 17:48	1
Tetrachloro-m-xylene	73		39 - 121	08/23/17 14:55	08/24/17 17:48	1
DCB Decachlorobiphenyl	74		19 - 120	08/23/17 14:55	08/24/17 17:48	1
DCB Decachlorobiphenyl	62		19 - 120	08/23/17 14:55	08/24/17 17:48	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/25/17 11:14	08/25/17 17:01	1
Antimony	ND		0.020	0.0068	mg/L		08/25/17 11:14	08/25/17 17:01	1
Arsenic	ND		0.015	0.0056	mg/L		08/25/17 11:14	08/25/17 17:01	1
Barium	0.046		0.0020	0.00070	mg/L		08/25/17 11:14	08/25/17 17:01	1
Beryllium	ND		0.0020	0.00030	mg/L		08/25/17 11:14	08/25/17 17:01	1
Cadmium	0.00064	J	0.0020	0.00050	mg/L		08/25/17 11:14	08/25/17 17:01	1
Calcium	320		0.50	0.10	mg/L		08/25/17 11:14	08/25/17 17:01	1
Chromium	ND		0.0040	0.0010	mg/L		08/25/17 11:14	08/25/17 17:01	1
Cobalt	0.0034	J	0.0040	0.00063	mg/L		08/25/17 11:14	08/25/17 17:01	1
Copper	0.0035	J	0.010	0.0016	mg/L		08/25/17 11:14	08/25/17 17:01	1
Iron	0.60		0.050	0.019	mg/L		08/25/17 11:14	08/25/17 17:01	1
Lead	ND		0.10	0.030	mg/L		08/25/17 11:14	08/28/17 16:21	10
Magnesium	293		0.20	0.043	mg/L		08/25/17 11:14	08/25/17 17:01	1
Manganese	0.74	B	0.0030	0.00040	mg/L		08/25/17 11:14	08/25/17 17:01	1
Nickel	0.014		0.010	0.0013	mg/L		08/25/17 11:14	08/25/17 17:01	1
Potassium	33.2		0.50	0.10	mg/L		08/25/17 11:14	08/25/17 17:01	1
Selenium	ND		0.025	0.0087	mg/L		08/25/17 11:14	08/25/17 17:01	1
Silver	ND		0.0060	0.0017	mg/L		08/25/17 11:14	08/25/17 17:01	1
Sodium	500		1.0	0.32	mg/L		08/25/17 11:14	08/25/17 17:01	1
Thallium	ND		0.020	0.010	mg/L		08/25/17 11:14	08/25/17 17:01	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123019-1

Client Sample ID: NS-LPZ-04S-GW

Lab Sample ID: 480-123019-2

Date Collected: 08/21/17 12:00

Matrix: Water

Date Received: 08/21/17 16:20

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	ND		0.0050	0.0015	mg/L		08/25/17 11:14	08/25/17 17:01	1
Zinc	0.012		0.010	0.0015	mg/L		08/25/17 11:14	08/25/17 17:01	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/25/17 08:00	08/25/17 19:55	1
Antimony	ND		0.020	0.0068	mg/L		08/25/17 08:00	08/25/17 19:55	1
Arsenic	ND		0.015	0.0056	mg/L		08/25/17 08:00	08/25/17 19:55	1
Barium	0.044		0.0020	0.00070	mg/L		08/25/17 08:00	08/25/17 19:55	1
Beryllium	ND		0.0020	0.00030	mg/L		08/25/17 08:00	08/25/17 19:55	1
Cadmium	0.00052	J	0.0020	0.00050	mg/L		08/25/17 08:00	08/25/17 19:55	1
Calcium	308		0.50	0.10	mg/L		08/25/17 08:00	08/25/17 19:55	1
Chromium	ND		0.0040	0.0010	mg/L		08/25/17 08:00	08/25/17 19:55	1
Cobalt	0.0031	J	0.0040	0.00063	mg/L		08/25/17 08:00	08/25/17 19:55	1
Copper	0.011	B	0.010	0.0016	mg/L		08/25/17 08:00	08/25/17 19:55	1
Iron	ND		0.050	0.019	mg/L		08/25/17 08:00	08/25/17 19:55	1
Lead	ND		0.10	0.030	mg/L		08/25/17 08:00	08/28/17 15:20	10
Magnesium	282		0.20	0.043	mg/L		08/25/17 08:00	08/25/17 19:55	1
Manganese	0.76	B	0.0030	0.00040	mg/L		08/25/17 08:00	08/25/17 19:55	1
Nickel	0.014		0.010	0.0013	mg/L		08/25/17 08:00	08/25/17 19:55	1
Potassium	32.5		0.50	0.10	mg/L		08/25/17 08:00	08/25/17 19:55	1
Selenium	ND		0.025	0.0087	mg/L		08/25/17 08:00	08/25/17 19:55	1
Silver	ND		0.0060	0.0017	mg/L		08/25/17 08:00	08/25/17 19:55	1
Sodium	484		1.0	0.32	mg/L		08/25/17 08:00	08/25/17 19:55	1
Thallium	ND		0.020	0.010	mg/L		08/25/17 08:00	08/25/17 19:55	1
Vanadium	ND		0.0050	0.0015	mg/L		08/25/17 08:00	08/25/17 19:55	1
Zinc	0.012	B	0.010	0.0015	mg/L		08/31/17 10:49	08/31/17 17:03	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/24/17 10:50	08/24/17 14:12	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/25/17 11:35	08/25/17 14:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	664		10.0	5.6	mg/L			08/25/17 17:49	20
Sulfate	1360		40.0	7.0	mg/L			08/25/17 17:49	20
Alkalinity, Total	644		5.0	0.79	mg/L			08/24/17 16:41	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161309-1

Client Sample ID: LPZ-04S

Lab Sample ID: 480-161309-3

Date Collected: 10/22/19 14:00

Matrix: Water

Date Received: 10/22/19 16:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/28/19 14:59	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/28/19 14:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/28/19 14:59	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/28/19 14:59	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/28/19 14:59	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/28/19 14:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/28/19 14:59	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/28/19 14:59	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/28/19 14:59	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/28/19 14:59	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/28/19 14:59	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/28/19 14:59	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/28/19 14:59	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/28/19 14:59	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/28/19 14:59	1
2-Hexanone	ND		5.0	1.2	ug/L			10/28/19 14:59	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/28/19 14:59	1
Acetone	ND		10	3.0	ug/L			10/28/19 14:59	1
Benzene	ND		1.0	0.41	ug/L			10/28/19 14:59	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/28/19 14:59	1
Bromoform	ND		1.0	0.26	ug/L			10/28/19 14:59	1
Bromomethane	ND		1.0	0.69	ug/L			10/28/19 14:59	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/28/19 14:59	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/28/19 14:59	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/28/19 14:59	1
Chloroethane	ND		1.0	0.32	ug/L			10/28/19 14:59	1
Chloroform	ND		1.0	0.34	ug/L			10/28/19 14:59	1
Chloromethane	ND		1.0	0.35	ug/L			10/28/19 14:59	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/28/19 14:59	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/28/19 14:59	1
Cyclohexane	ND		1.0	0.18	ug/L			10/28/19 14:59	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/28/19 14:59	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/28/19 14:59	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/28/19 14:59	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/28/19 14:59	1
Methyl acetate	ND		2.5	1.3	ug/L			10/28/19 14:59	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/28/19 14:59	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/28/19 14:59	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/28/19 14:59	1
Styrene	ND		1.0	0.73	ug/L			10/28/19 14:59	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/28/19 14:59	1
Toluene	ND		1.0	0.51	ug/L			10/28/19 14:59	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/28/19 14:59	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/28/19 14:59	1
Trichloroethene	ND		1.0	0.46	ug/L			10/28/19 14:59	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/28/19 14:59	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/28/19 14:59	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/28/19 14:59	1
t-Butyl alcohol	ND	*	10	3.3	ug/L			10/28/19 14:59	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161309-1

Client Sample ID: LPZ-04S

Lab Sample ID: 480-161309-3

Date Collected: 10/22/19 14:00

Matrix: Water

Date Received: 10/22/19 16:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		77 - 120		10/28/19 14:59	1
4-Bromofluorobenzene (Surr)	102		73 - 120		10/28/19 14:59	1
Dibromofluoromethane (Surr)	113		75 - 123		10/28/19 14:59	1
Toluene-d8 (Surr)	104		80 - 120		10/28/19 14:59	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		10/23/19 15:11	10/24/19 22:17	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		10/23/19 15:11	10/24/19 22:17	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		10/23/19 15:11	10/24/19 22:17	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		10/23/19 15:11	10/24/19 22:17	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		10/23/19 15:11	10/24/19 22:17	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		10/23/19 15:11	10/24/19 22:17	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		10/23/19 15:11	10/24/19 22:17	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		10/23/19 15:11	10/24/19 22:17	1
2-Chlorophenol	ND		5.0	0.53	ug/L		10/23/19 15:11	10/24/19 22:17	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		10/23/19 15:11	10/24/19 22:17	1
2-Methylphenol	ND		5.0	0.40	ug/L		10/23/19 15:11	10/24/19 22:17	1
2-Nitroaniline	ND		10	0.42	ug/L		10/23/19 15:11	10/24/19 22:17	1
2-Nitrophenol	ND		5.0	0.48	ug/L		10/23/19 15:11	10/24/19 22:17	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		10/23/19 15:11	10/24/19 22:17	1
3-Nitroaniline	ND		10	0.48	ug/L		10/23/19 15:11	10/24/19 22:17	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		10/23/19 15:11	10/24/19 22:17	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		10/23/19 15:11	10/24/19 22:17	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		10/23/19 15:11	10/24/19 22:17	1
4-Chloroaniline	ND		5.0	0.59	ug/L		10/23/19 15:11	10/24/19 22:17	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		10/23/19 15:11	10/24/19 22:17	1
4-Methylphenol	ND		10	0.36	ug/L		10/23/19 15:11	10/24/19 22:17	1
4-Nitroaniline	ND		10	0.25	ug/L		10/23/19 15:11	10/24/19 22:17	1
4-Nitrophenol	ND		10	1.5	ug/L		10/23/19 15:11	10/24/19 22:17	1
Acenaphthene	ND		5.0	0.41	ug/L		10/23/19 15:11	10/24/19 22:17	1
Acenaphthylene	ND		5.0	0.38	ug/L		10/23/19 15:11	10/24/19 22:17	1
Acetophenone	ND		5.0	0.54	ug/L		10/23/19 15:11	10/24/19 22:17	1
Anthracene	ND		5.0	0.28	ug/L		10/23/19 15:11	10/24/19 22:17	1
Atrazine	ND	*	5.0	0.46	ug/L		10/23/19 15:11	10/24/19 22:17	1
Benzaldehyde	ND		5.0	0.27	ug/L		10/23/19 15:11	10/24/19 22:17	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		10/23/19 15:11	10/24/19 22:17	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		10/23/19 15:11	10/24/19 22:17	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		10/23/19 15:11	10/24/19 22:17	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		10/23/19 15:11	10/24/19 22:17	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		10/23/19 15:11	10/24/19 22:17	1
Benzoic acid	ND		150	100	ug/L		10/23/19 15:11	10/24/19 22:17	1
Biphenyl	ND		5.0	0.65	ug/L		10/23/19 15:11	10/24/19 22:17	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		10/23/19 15:11	10/24/19 22:17	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		10/23/19 15:11	10/24/19 22:17	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		10/23/19 15:11	10/24/19 22:17	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		10/23/19 15:11	10/24/19 22:17	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		10/23/19 15:11	10/24/19 22:17	1
Caprolactam	ND		5.0	2.2	ug/L		10/23/19 15:11	10/24/19 22:17	1
Carbazole	ND	*	5.0	0.30	ug/L		10/23/19 15:11	10/24/19 22:17	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161309-1

Client Sample ID: LPZ-04S

Lab Sample ID: 480-161309-3

Date Collected: 10/22/19 14:00

Matrix: Water

Date Received: 10/22/19 16:30

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		10/23/19 15:11	10/24/19 22:17	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		10/23/19 15:11	10/24/19 22:17	1
Dibenzofuran	ND		10	0.51	ug/L		10/23/19 15:11	10/24/19 22:17	1
Diethyl phthalate	ND		5.0	0.22	ug/L		10/23/19 15:11	10/24/19 22:17	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		10/23/19 15:11	10/24/19 22:17	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		10/23/19 15:11	10/24/19 22:17	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		10/23/19 15:11	10/24/19 22:17	1
Fluoranthene	ND		5.0	0.40	ug/L		10/23/19 15:11	10/24/19 22:17	1
Fluorene	ND		5.0	0.36	ug/L		10/23/19 15:11	10/24/19 22:17	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		10/23/19 15:11	10/24/19 22:17	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		10/23/19 15:11	10/24/19 22:17	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		10/23/19 15:11	10/24/19 22:17	1
Hexachloroethane	ND		5.0	0.59	ug/L		10/23/19 15:11	10/24/19 22:17	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		10/23/19 15:11	10/24/19 22:17	1
Isophorone	ND		5.0	0.43	ug/L		10/23/19 15:11	10/24/19 22:17	1
Naphthalene	ND		5.0	0.76	ug/L		10/23/19 15:11	10/24/19 22:17	1
Nitrobenzene	ND		5.0	0.29	ug/L		10/23/19 15:11	10/24/19 22:17	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		10/23/19 15:11	10/24/19 22:17	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		10/23/19 15:11	10/24/19 22:17	1
Pentachlorophenol	ND		10	2.2	ug/L		10/23/19 15:11	10/24/19 22:17	1
Phenanthrene	ND		5.0	0.44	ug/L		10/23/19 15:11	10/24/19 22:17	1
Phenol	ND		5.0	0.39	ug/L		10/23/19 15:11	10/24/19 22:17	1
Pyrene	ND		5.0	0.34	ug/L		10/23/19 15:11	10/24/19 22:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	113		41 - 120	10/23/19 15:11	10/24/19 22:17	1
2-Fluorobiphenyl	105		48 - 120	10/23/19 15:11	10/24/19 22:17	1
2-Fluorophenol	75		35 - 120	10/23/19 15:11	10/24/19 22:17	1
Nitrobenzene-d5	98		46 - 120	10/23/19 15:11	10/24/19 22:17	1
Phenol-d5	56		22 - 120	10/23/19 15:11	10/24/19 22:17	1
p-Terphenyl-d14	93		60 - 148	10/23/19 15:11	10/24/19 22:17	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		10/28/19 08:07	10/29/19 12:31	1
4,4'-DDE	ND		0.050	0.012	ug/L		10/28/19 08:07	10/29/19 12:31	1
4,4'-DDT	ND	*	0.050	0.011	ug/L		10/28/19 08:07	10/29/19 12:31	1
Aldrin	ND		0.050	0.0081	ug/L		10/28/19 08:07	10/29/19 12:31	1
alpha-BHC	ND	*	0.050	0.0077	ug/L		10/28/19 08:07	10/29/19 12:31	1
cis-Chlordane	ND		0.050	0.015	ug/L		10/28/19 08:07	10/29/19 12:31	1
beta-BHC	ND		0.050	0.025	ug/L		10/28/19 08:07	10/29/19 12:31	1
delta-BHC	ND		0.050	0.010	ug/L		10/28/19 08:07	10/29/19 12:31	1
Dieldrin	ND		0.050	0.0098	ug/L		10/28/19 08:07	10/29/19 12:31	1
Endosulfan I	ND		0.050	0.011	ug/L		10/28/19 08:07	10/29/19 12:31	1
Endosulfan II	ND	*	0.050	0.012	ug/L		10/28/19 08:07	10/29/19 12:31	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		10/28/19 08:07	10/29/19 12:31	1
Endrin	ND		0.050	0.014	ug/L		10/28/19 08:07	10/29/19 12:31	1
Endrin aldehyde	0.032	J B *	0.050	0.016	ug/L		10/28/19 08:07	10/29/19 12:31	1
Endrin ketone	ND		0.050	0.012	ug/L		10/28/19 08:07	10/29/19 12:31	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		10/28/19 08:07	10/29/19 12:31	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161309-1

Client Sample ID: LPZ-04S

Lab Sample ID: 480-161309-3

Date Collected: 10/22/19 14:00

Matrix: Water

Date Received: 10/22/19 16:30

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-Chlordane	0.021	J	0.050	0.011	ug/L		10/28/19 08:07	10/29/19 12:31	1
Heptachlor	ND		0.050	0.0085	ug/L		10/28/19 08:07	10/29/19 12:31	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		10/28/19 08:07	10/29/19 12:31	1
Methoxychlor	ND		0.050	0.014	ug/L		10/28/19 08:07	10/29/19 12:31	1
Toxaphene	ND		0.50	0.12	ug/L		10/28/19 08:07	10/29/19 12:31	1
Mirex	ND		0.050	0.0096	ug/L		10/28/19 08:07	10/29/19 12:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	99		20 - 120	10/28/19 08:07	10/29/19 12:31	1
DCB Decachlorobiphenyl	78		20 - 120	10/28/19 08:07	10/29/19 12:31	1
Tetrachloro-m-xylene	97		44 - 120	10/28/19 08:07	10/29/19 12:31	1
Tetrachloro-m-xylene	73		44 - 120	10/28/19 08:07	10/29/19 12:31	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		10/23/19 15:20	10/24/19 19:14	1
PCB-1221	ND		0.50	0.18	ug/L		10/23/19 15:20	10/24/19 19:14	1
PCB-1232	ND		0.50	0.18	ug/L		10/23/19 15:20	10/24/19 19:14	1
PCB-1242	ND		0.50	0.18	ug/L		10/23/19 15:20	10/24/19 19:14	1
PCB-1248	ND		0.50	0.18	ug/L		10/23/19 15:20	10/24/19 19:14	1
PCB-1254	ND		0.50	0.25	ug/L		10/23/19 15:20	10/24/19 19:14	1
PCB-1260	ND		0.50	0.25	ug/L		10/23/19 15:20	10/24/19 19:14	1
PCB-1262	ND		0.50	0.25	ug/L		10/23/19 15:20	10/24/19 19:14	1
PCB-1268	ND		0.50	0.25	ug/L		10/23/19 15:20	10/24/19 19:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	82		39 - 121	10/23/19 15:20	10/24/19 19:14	1
Tetrachloro-m-xylene	66		39 - 121	10/23/19 15:20	10/24/19 19:14	1
DCB Decachlorobiphenyl	74		19 - 120	10/23/19 15:20	10/24/19 19:14	1
DCB Decachlorobiphenyl	75		19 - 120	10/23/19 15:20	10/24/19 19:14	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		10/23/19 13:40	10/25/19 13:18	1
Antimony	ND		0.020	0.0068	mg/L		10/23/19 13:40	10/25/19 13:18	1
Arsenic	ND		0.015	0.0056	mg/L		10/23/19 13:40	10/25/19 13:18	1
Barium	0.052		0.0020	0.00070	mg/L		10/23/19 13:40	10/25/19 13:18	1
Beryllium	ND		0.0020	0.00030	mg/L		10/23/19 13:40	10/25/19 13:18	1
Cadmium	ND		0.0020	0.00050	mg/L		10/23/19 13:40	10/25/19 13:18	1
Calcium	290		0.50	0.10	mg/L		10/23/19 13:40	10/25/19 13:18	1
Chromium	ND		0.0040	0.0010	mg/L		10/23/19 13:40	10/25/19 13:18	1
Cobalt	0.0030	J	0.0040	0.00063	mg/L		10/23/19 13:40	10/25/19 13:18	1
Copper	ND		0.010	0.0016	mg/L		10/23/19 13:40	10/25/19 13:18	1
Iron	0.83		0.050	0.019	mg/L		10/23/19 13:40	10/25/19 13:18	1
Lead	ND		0.010	0.0030	mg/L		10/23/19 13:40	10/25/19 13:18	1
Magnesium	262		0.20	0.043	mg/L		10/23/19 13:40	10/25/19 13:18	1
Manganese	0.54		0.0030	0.00040	mg/L		10/23/19 13:40	10/25/19 13:18	1
Nickel	0.010		0.010	0.0013	mg/L		10/23/19 13:40	10/25/19 13:18	1
Potassium	29.9		0.50	0.10	mg/L		10/23/19 13:40	10/25/19 13:18	1
Selenium	ND		0.025	0.0087	mg/L		10/23/19 13:40	10/25/19 13:18	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161309-1

Client Sample ID: LPZ-04S

Lab Sample ID: 480-161309-3

Date Collected: 10/22/19 14:00

Matrix: Water

Date Received: 10/22/19 16:30

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		10/23/19 13:40	10/25/19 13:18	1
Sodium	288		1.0	0.32	mg/L		10/23/19 13:40	10/25/19 13:18	1
Thallium	ND		0.020	0.010	mg/L		10/23/19 13:40	10/25/19 13:18	1
Vanadium	ND		0.0050	0.0015	mg/L		10/23/19 13:40	10/25/19 13:18	1
Zinc	0.0074	J B	0.010	0.0015	mg/L		10/23/19 13:40	10/25/19 13:18	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		10/30/19 12:08	10/30/19 17:17	1

Well LPZ-05S

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123019-1

Client Sample ID: NS-LPZ-05S-GW

Lab Sample ID: 480-123019-3

Date Collected: 08/21/17 13:30

Matrix: Water

Date Received: 08/21/17 16:20

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			08/28/17 13:48	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			08/28/17 13:48	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			08/28/17 13:48	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			08/28/17 13:48	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			08/28/17 13:48	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			08/28/17 13:48	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			08/28/17 13:48	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			08/28/17 13:48	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			08/28/17 13:48	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			08/28/17 13:48	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			08/28/17 13:48	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			08/28/17 13:48	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			08/28/17 13:48	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			08/28/17 13:48	4
2-Butanone (MEK)	ND		40	5.3	ug/L			08/28/17 13:48	4
2-Hexanone	ND		20	5.0	ug/L			08/28/17 13:48	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			08/28/17 13:48	4
Acetone	ND		40	12	ug/L			08/28/17 13:48	4
Benzene	ND		4.0	1.6	ug/L			08/28/17 13:48	4
Bromodichloromethane	ND		4.0	1.6	ug/L			08/28/17 13:48	4
Bromoform	ND		4.0	1.0	ug/L			08/28/17 13:48	4
Bromomethane	ND		4.0	2.8	ug/L			08/28/17 13:48	4
Carbon disulfide	ND		4.0	0.76	ug/L			08/28/17 13:48	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			08/28/17 13:48	4
Chlorobenzene	ND		4.0	3.0	ug/L			08/28/17 13:48	4
Chloroethane	ND		4.0	1.3	ug/L			08/28/17 13:48	4
Chloroform	ND		4.0	1.4	ug/L			08/28/17 13:48	4
Chloromethane	ND		4.0	1.4	ug/L			08/28/17 13:48	4
cis-1,2-Dichloroethene	ND		4.0	3.2	ug/L			08/28/17 13:48	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			08/28/17 13:48	4
Cyclohexane	ND		4.0	0.72	ug/L			08/28/17 13:48	4
Dibromochloromethane	ND		4.0	1.3	ug/L			08/28/17 13:48	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			08/28/17 13:48	4
Ethylbenzene	ND		4.0	3.0	ug/L			08/28/17 13:48	4
Isopropylbenzene	ND		4.0	3.2	ug/L			08/28/17 13:48	4
Methyl acetate	ND		10	5.2	ug/L			08/28/17 13:48	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			08/28/17 13:48	4
Methylcyclohexane	ND		4.0	0.64	ug/L			08/28/17 13:48	4
Methylene Chloride	ND		4.0	1.8	ug/L			08/28/17 13:48	4
Styrene	ND		4.0	2.9	ug/L			08/28/17 13:48	4
Tetrachloroethene	ND		4.0	1.4	ug/L			08/28/17 13:48	4
Toluene	ND		4.0	2.0	ug/L			08/28/17 13:48	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			08/28/17 13:48	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			08/28/17 13:48	4
Trichloroethene	ND		4.0	1.8	ug/L			08/28/17 13:48	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			08/28/17 13:48	4
Vinyl chloride	ND		4.0	3.6	ug/L			08/28/17 13:48	4
Xylenes, Total	ND		8.0	2.6	ug/L			08/28/17 13:48	4

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123019-1

Client Sample ID: NS-LPZ-05S-GW

Lab Sample ID: 480-123019-3

Date Collected: 08/21/17 13:30

Matrix: Water

Date Received: 08/21/17 16:20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		08/28/17 13:48	4
4-Bromofluorobenzene (Surr)	93		73 - 120		08/28/17 13:48	4
Toluene-d8 (Surr)	99		80 - 120		08/28/17 13:48	4

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		08/22/17 13:59	08/24/17 02:37	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		08/22/17 13:59	08/24/17 02:37	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		08/22/17 13:59	08/24/17 02:37	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		08/22/17 13:59	08/24/17 02:37	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		08/22/17 13:59	08/24/17 02:37	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		08/22/17 13:59	08/24/17 02:37	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		08/22/17 13:59	08/24/17 02:37	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		08/22/17 13:59	08/24/17 02:37	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		08/22/17 13:59	08/24/17 02:37	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		08/22/17 13:59	08/24/17 02:37	1
2-Chlorophenol	ND		5.0	0.53	ug/L		08/22/17 13:59	08/24/17 02:37	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/22/17 13:59	08/24/17 02:37	1
2-Methylphenol	1.2	J	5.0	0.40	ug/L		08/22/17 13:59	08/24/17 02:37	1
2-Nitroaniline	ND		10	0.42	ug/L		08/22/17 13:59	08/24/17 02:37	1
2-Nitrophenol	ND		5.0	0.48	ug/L		08/22/17 13:59	08/24/17 02:37	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		08/22/17 13:59	08/24/17 02:37	1
3-Nitroaniline	ND		10	0.48	ug/L		08/22/17 13:59	08/24/17 02:37	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		08/22/17 13:59	08/24/17 02:37	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		08/22/17 13:59	08/24/17 02:37	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		08/22/17 13:59	08/24/17 02:37	1
4-Chloroaniline	ND		5.0	0.59	ug/L		08/22/17 13:59	08/24/17 02:37	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		08/22/17 13:59	08/24/17 02:37	1
4-Methylphenol	17		10	0.36	ug/L		08/22/17 13:59	08/24/17 02:37	1
4-Nitroaniline	ND		10	0.25	ug/L		08/22/17 13:59	08/24/17 02:37	1
4-Nitrophenol	ND		10	1.5	ug/L		08/22/17 13:59	08/24/17 02:37	1
Acenaphthene	ND		5.0	0.41	ug/L		08/22/17 13:59	08/24/17 02:37	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/22/17 13:59	08/24/17 02:37	1
Acetophenone	ND		5.0	0.54	ug/L		08/22/17 13:59	08/24/17 02:37	1
Anthracene	ND		5.0	0.28	ug/L		08/22/17 13:59	08/24/17 02:37	1
Atrazine	ND		5.0	0.46	ug/L		08/22/17 13:59	08/24/17 02:37	1
Benzaldehyde	ND		5.0	0.27	ug/L		08/22/17 13:59	08/24/17 02:37	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		08/22/17 13:59	08/24/17 02:37	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		08/22/17 13:59	08/24/17 02:37	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		08/22/17 13:59	08/24/17 02:37	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		08/22/17 13:59	08/24/17 02:37	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		08/22/17 13:59	08/24/17 02:37	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		08/22/17 13:59	08/24/17 02:37	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		08/22/17 13:59	08/24/17 02:37	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		08/22/17 13:59	08/24/17 02:37	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		08/22/17 13:59	08/24/17 02:37	1
Caprolactam	ND		5.0	2.2	ug/L		08/22/17 13:59	08/24/17 02:37	1
Carbazole	ND		5.0	0.30	ug/L		08/22/17 13:59	08/24/17 02:37	1
Chrysene	ND		5.0	0.33	ug/L		08/22/17 13:59	08/24/17 02:37	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		08/22/17 13:59	08/24/17 02:37	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123019-1

Client Sample ID: NS-LPZ-05S-GW

Lab Sample ID: 480-123019-3

Date Collected: 08/21/17 13:30

Matrix: Water

Date Received: 08/21/17 16:20

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		08/22/17 13:59	08/24/17 02:37	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/22/17 13:59	08/24/17 02:37	1
Dibenzofuran	ND		10	0.51	ug/L		08/22/17 13:59	08/24/17 02:37	1
Diethyl phthalate	1.6	J	5.0	0.22	ug/L		08/22/17 13:59	08/24/17 02:37	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		08/22/17 13:59	08/24/17 02:37	1
Fluoranthene	ND		5.0	0.40	ug/L		08/22/17 13:59	08/24/17 02:37	1
Fluorene	ND		5.0	0.36	ug/L		08/22/17 13:59	08/24/17 02:37	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		08/22/17 13:59	08/24/17 02:37	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		08/22/17 13:59	08/24/17 02:37	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		08/22/17 13:59	08/24/17 02:37	1
Hexachloroethane	ND		5.0	0.59	ug/L		08/22/17 13:59	08/24/17 02:37	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		08/22/17 13:59	08/24/17 02:37	1
Isophorone	ND		5.0	0.43	ug/L		08/22/17 13:59	08/24/17 02:37	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		08/22/17 13:59	08/24/17 02:37	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		08/22/17 13:59	08/24/17 02:37	1
Naphthalene	ND		5.0	0.76	ug/L		08/22/17 13:59	08/24/17 02:37	1
Nitrobenzene	ND		5.0	0.29	ug/L		08/22/17 13:59	08/24/17 02:37	1
Pentachlorophenol	ND		10	2.2	ug/L		08/22/17 13:59	08/24/17 02:37	1
Phenanthrene	ND		5.0	0.44	ug/L		08/22/17 13:59	08/24/17 02:37	1
Phenol	2.3	J	5.0	0.39	ug/L		08/22/17 13:59	08/24/17 02:37	1
Pyrene	ND		5.0	0.34	ug/L		08/22/17 13:59	08/24/17 02:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	101		41 - 120	08/22/17 13:59	08/24/17 02:37	1
2-Fluorobiphenyl	89		48 - 120	08/22/17 13:59	08/24/17 02:37	1
2-Fluorophenol	69		35 - 120	08/22/17 13:59	08/24/17 02:37	1
Nitrobenzene-d5	92		46 - 120	08/22/17 13:59	08/24/17 02:37	1
p-Terphenyl-d14	68		59 - 136	08/22/17 13:59	08/24/17 02:37	1
Phenol-d5	52		22 - 120	08/22/17 13:59	08/24/17 02:37	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		08/22/17 14:16	08/24/17 12:51	1
4,4'-DDE	ND		0.050	0.012	ug/L		08/22/17 14:16	08/24/17 12:51	1
4,4'-DDT	ND		0.050	0.011	ug/L		08/22/17 14:16	08/24/17 12:51	1
Aldrin	ND		0.050	0.0081	ug/L		08/22/17 14:16	08/24/17 12:51	1
alpha-BHC	ND		0.050	0.0077	ug/L		08/22/17 14:16	08/24/17 12:51	1
alpha-Chlordane	ND		0.050	0.015	ug/L		08/22/17 14:16	08/24/17 12:51	1
beta-BHC	ND		0.050	0.025	ug/L		08/22/17 14:16	08/24/17 12:51	1
delta-BHC	ND		0.050	0.010	ug/L		08/22/17 14:16	08/24/17 12:51	1
Dieldrin	ND		0.050	0.0098	ug/L		08/22/17 14:16	08/24/17 12:51	1
Endosulfan I	ND		0.050	0.011	ug/L		08/22/17 14:16	08/24/17 12:51	1
Endosulfan II	ND		0.050	0.012	ug/L		08/22/17 14:16	08/24/17 12:51	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		08/22/17 14:16	08/24/17 12:51	1
Endrin	ND		0.050	0.014	ug/L		08/22/17 14:16	08/24/17 12:51	1
Endrin aldehyde	ND		0.050	0.016	ug/L		08/22/17 14:16	08/24/17 12:51	1
Endrin ketone	ND		0.050	0.012	ug/L		08/22/17 14:16	08/24/17 12:51	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		08/22/17 14:16	08/24/17 12:51	1
gamma-Chlordane	ND		0.050	0.011	ug/L		08/22/17 14:16	08/24/17 12:51	1
Heptachlor	ND		0.050	0.0085	ug/L		08/22/17 14:16	08/24/17 12:51	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123019-1

Client Sample ID: NS-LPZ-05S-GW

Lab Sample ID: 480-123019-3

Date Collected: 08/21/17 13:30

Matrix: Water

Date Received: 08/21/17 16:20

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		0.050	0.0074	ug/L		08/22/17 14:16	08/24/17 12:51	1
Methoxychlor	ND		0.050	0.014	ug/L		08/22/17 14:16	08/24/17 12:51	1
Toxaphene	ND		0.50	0.12	ug/L		08/22/17 14:16	08/24/17 12:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	82		20 - 120				08/22/17 14:16	08/24/17 12:51	1
DCB Decachlorobiphenyl	61		20 - 120				08/22/17 14:16	08/24/17 12:51	1
Tetrachloro-m-xylene	89		44 - 120				08/22/17 14:16	08/24/17 12:51	1
Tetrachloro-m-xylene	90		44 - 120				08/22/17 14:16	08/24/17 12:51	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		08/23/17 14:55	08/24/17 18:04	1
PCB-1221	ND		0.50	0.18	ug/L		08/23/17 14:55	08/24/17 18:04	1
PCB-1232	ND		0.50	0.18	ug/L		08/23/17 14:55	08/24/17 18:04	1
PCB-1242	ND		0.50	0.18	ug/L		08/23/17 14:55	08/24/17 18:04	1
PCB-1248	ND		0.50	0.18	ug/L		08/23/17 14:55	08/24/17 18:04	1
PCB-1254	ND		0.50	0.25	ug/L		08/23/17 14:55	08/24/17 18:04	1
PCB-1260	ND		0.50	0.25	ug/L		08/23/17 14:55	08/24/17 18:04	1
PCB-1262	ND		0.50	0.25	ug/L		08/23/17 14:55	08/24/17 18:04	1
PCB-1268	ND		0.50	0.25	ug/L		08/23/17 14:55	08/24/17 18:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	81		39 - 121				08/23/17 14:55	08/24/17 18:04	1
Tetrachloro-m-xylene	68		39 - 121				08/23/17 14:55	08/24/17 18:04	1
DCB Decachlorobiphenyl	71		19 - 120				08/23/17 14:55	08/24/17 18:04	1
DCB Decachlorobiphenyl	58		19 - 120				08/23/17 14:55	08/24/17 18:04	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/25/17 11:14	08/25/17 17:04	1
Antimony	ND		0.020	0.0068	mg/L		08/25/17 11:14	08/25/17 17:04	1
Arsenic	0.031		0.015	0.0056	mg/L		08/25/17 11:14	08/25/17 17:04	1
Barium	0.15		0.0020	0.00070	mg/L		08/25/17 11:14	08/25/17 17:04	1
Beryllium	ND		0.0020	0.00030	mg/L		08/25/17 11:14	08/25/17 17:04	1
Cadmium	ND		0.0020	0.00050	mg/L		08/25/17 11:14	08/25/17 17:04	1
Calcium	199		0.50	0.10	mg/L		08/25/17 11:14	08/25/17 17:04	1
Chromium	ND		0.0040	0.0010	mg/L		08/25/17 11:14	08/25/17 17:04	1
Cobalt	0.0022	J	0.0040	0.00063	mg/L		08/25/17 11:14	08/25/17 17:04	1
Copper	ND		0.010	0.0016	mg/L		08/25/17 11:14	08/25/17 17:04	1
Iron	8.2		0.050	0.019	mg/L		08/25/17 11:14	08/25/17 17:04	1
Lead	ND		0.020	0.0060	mg/L		08/25/17 11:14	08/28/17 16:25	2
Magnesium	174		0.20	0.043	mg/L		08/25/17 11:14	08/25/17 17:04	1
Manganese	0.50	B	0.0030	0.00040	mg/L		08/25/17 11:14	08/25/17 17:04	1
Nickel	0.0050	J	0.010	0.0013	mg/L		08/25/17 11:14	08/25/17 17:04	1
Potassium	12.4		0.50	0.10	mg/L		08/25/17 11:14	08/25/17 17:04	1
Selenium	ND		0.025	0.0087	mg/L		08/25/17 11:14	08/25/17 17:04	1
Silver	ND		0.0060	0.0017	mg/L		08/25/17 11:14	08/25/17 17:04	1
Sodium	198		1.0	0.32	mg/L		08/25/17 11:14	08/25/17 17:04	1
Thallium	ND		0.020	0.010	mg/L		08/25/17 11:14	08/25/17 17:04	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123019-1

Client Sample ID: NS-LPZ-05S-GW

Lab Sample ID: 480-123019-3

Date Collected: 08/21/17 13:30

Matrix: Water

Date Received: 08/21/17 16:20

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	0.0015	J	0.0050	0.0015	mg/L		08/25/17 11:14	08/25/17 17:04	1
Zinc	0.0045	J	0.010	0.0015	mg/L		08/25/17 11:14	08/25/17 17:04	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/25/17 08:00	08/25/17 19:59	1
Antimony	ND		0.020	0.0068	mg/L		08/25/17 08:00	08/25/17 19:59	1
Arsenic	0.017		0.015	0.0056	mg/L		08/25/17 08:00	08/25/17 19:59	1
Barium	0.12		0.0020	0.00070	mg/L		08/25/17 08:00	08/25/17 19:59	1
Beryllium	ND		0.0020	0.00030	mg/L		08/25/17 08:00	08/25/17 19:59	1
Cadmium	ND		0.0020	0.00050	mg/L		08/25/17 08:00	08/25/17 19:59	1
Calcium	193		0.50	0.10	mg/L		08/25/17 08:00	08/25/17 19:59	1
Chromium	ND		0.0040	0.0010	mg/L		08/25/17 08:00	08/25/17 19:59	1
Cobalt	0.0021	J	0.0040	0.00063	mg/L		08/25/17 08:00	08/25/17 19:59	1
Copper	ND		0.010	0.0016	mg/L		08/25/17 08:00	08/25/17 19:59	1
Iron	ND		0.050	0.019	mg/L		08/25/17 08:00	08/25/17 19:59	1
Lead	ND		0.020	0.0060	mg/L		08/25/17 08:00	08/28/17 15:24	2
Magnesium	170		0.20	0.043	mg/L		08/25/17 08:00	08/25/17 19:59	1
Manganese	0.48	B	0.0030	0.00040	mg/L		08/25/17 08:00	08/25/17 19:59	1
Nickel	0.0047	J	0.010	0.0013	mg/L		08/25/17 08:00	08/25/17 19:59	1
Potassium	12.3		0.50	0.10	mg/L		08/25/17 08:00	08/25/17 19:59	1
Selenium	ND		0.025	0.0087	mg/L		08/25/17 08:00	08/25/17 19:59	1
Silver	ND		0.0060	0.0017	mg/L		08/25/17 08:00	08/25/17 19:59	1
Sodium	194		1.0	0.32	mg/L		08/25/17 08:00	08/25/17 19:59	1
Thallium	ND		0.020	0.010	mg/L		08/25/17 08:00	08/25/17 19:59	1
Vanadium	ND		0.0050	0.0015	mg/L		08/25/17 08:00	08/25/17 19:59	1
Zinc	0.0065	J B	0.010	0.0015	mg/L		08/31/17 10:49	08/31/17 17:07	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/24/17 10:50	08/24/17 14:13	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/25/17 11:35	08/25/17 14:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	80.2		5.0	2.8	mg/L			08/25/17 17:57	10
Sulfate	326		20.0	3.5	mg/L			08/25/17 17:57	10
Alkalinity, Total	1140		5.0	0.79	mg/L			08/24/17 16:51	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161309-1

Client Sample ID: LPZ-05S

Lab Sample ID: 480-161309-4

Date Collected: 10/22/19 14:40

Matrix: Water

Date Received: 10/22/19 16:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/28/19 15:22	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/28/19 15:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/28/19 15:22	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/28/19 15:22	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/28/19 15:22	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/28/19 15:22	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/28/19 15:22	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/28/19 15:22	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/28/19 15:22	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/28/19 15:22	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/28/19 15:22	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/28/19 15:22	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/28/19 15:22	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/28/19 15:22	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/28/19 15:22	1
2-Hexanone	ND		5.0	1.2	ug/L			10/28/19 15:22	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/28/19 15:22	1
Acetone	ND		10	3.0	ug/L			10/28/19 15:22	1
Benzene	ND		1.0	0.41	ug/L			10/28/19 15:22	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/28/19 15:22	1
Bromoform	ND		1.0	0.26	ug/L			10/28/19 15:22	1
Bromomethane	ND		1.0	0.69	ug/L			10/28/19 15:22	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/28/19 15:22	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/28/19 15:22	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/28/19 15:22	1
Chloroethane	ND		1.0	0.32	ug/L			10/28/19 15:22	1
Chloroform	ND		1.0	0.34	ug/L			10/28/19 15:22	1
Chloromethane	ND		1.0	0.35	ug/L			10/28/19 15:22	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/28/19 15:22	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/28/19 15:22	1
Cyclohexane	ND		1.0	0.18	ug/L			10/28/19 15:22	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/28/19 15:22	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/28/19 15:22	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/28/19 15:22	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/28/19 15:22	1
Methyl acetate	ND		2.5	1.3	ug/L			10/28/19 15:22	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/28/19 15:22	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/28/19 15:22	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/28/19 15:22	1
Styrene	ND		1.0	0.73	ug/L			10/28/19 15:22	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/28/19 15:22	1
Toluene	ND		1.0	0.51	ug/L			10/28/19 15:22	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/28/19 15:22	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/28/19 15:22	1
Trichloroethene	ND		1.0	0.46	ug/L			10/28/19 15:22	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/28/19 15:22	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/28/19 15:22	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/28/19 15:22	1
t-Butyl alcohol	ND	*	10	3.3	ug/L			10/28/19 15:22	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161309-1

Client Sample ID: LPZ-05S

Lab Sample ID: 480-161309-4

Date Collected: 10/22/19 14:40

Matrix: Water

Date Received: 10/22/19 16:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	117		77 - 120		10/28/19 15:22	1
4-Bromofluorobenzene (Surr)	104		73 - 120		10/28/19 15:22	1
Dibromofluoromethane (Surr)	114		75 - 123		10/28/19 15:22	1
Toluene-d8 (Surr)	102		80 - 120		10/28/19 15:22	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		10/23/19 15:11	10/24/19 22:45	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		10/23/19 15:11	10/24/19 22:45	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		10/23/19 15:11	10/24/19 22:45	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		10/23/19 15:11	10/24/19 22:45	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		10/23/19 15:11	10/24/19 22:45	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		10/23/19 15:11	10/24/19 22:45	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		10/23/19 15:11	10/24/19 22:45	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		10/23/19 15:11	10/24/19 22:45	1
2-Chlorophenol	ND		5.0	0.53	ug/L		10/23/19 15:11	10/24/19 22:45	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		10/23/19 15:11	10/24/19 22:45	1
2-Methylphenol	ND		5.0	0.40	ug/L		10/23/19 15:11	10/24/19 22:45	1
2-Nitroaniline	ND		10	0.42	ug/L		10/23/19 15:11	10/24/19 22:45	1
2-Nitrophenol	ND		5.0	0.48	ug/L		10/23/19 15:11	10/24/19 22:45	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		10/23/19 15:11	10/24/19 22:45	1
3-Nitroaniline	ND		10	0.48	ug/L		10/23/19 15:11	10/24/19 22:45	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		10/23/19 15:11	10/24/19 22:45	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		10/23/19 15:11	10/24/19 22:45	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		10/23/19 15:11	10/24/19 22:45	1
4-Chloroaniline	ND		5.0	0.59	ug/L		10/23/19 15:11	10/24/19 22:45	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		10/23/19 15:11	10/24/19 22:45	1
4-Methylphenol	ND		10	0.36	ug/L		10/23/19 15:11	10/24/19 22:45	1
4-Nitroaniline	ND		10	0.25	ug/L		10/23/19 15:11	10/24/19 22:45	1
4-Nitrophenol	ND		10	1.5	ug/L		10/23/19 15:11	10/24/19 22:45	1
Acenaphthene	ND		5.0	0.41	ug/L		10/23/19 15:11	10/24/19 22:45	1
Acenaphthylene	ND		5.0	0.38	ug/L		10/23/19 15:11	10/24/19 22:45	1
Acetophenone	ND		5.0	0.54	ug/L		10/23/19 15:11	10/24/19 22:45	1
Anthracene	ND		5.0	0.28	ug/L		10/23/19 15:11	10/24/19 22:45	1
Atrazine	ND *		5.0	0.46	ug/L		10/23/19 15:11	10/24/19 22:45	1
Benzaldehyde	ND		5.0	0.27	ug/L		10/23/19 15:11	10/24/19 22:45	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		10/23/19 15:11	10/24/19 22:45	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		10/23/19 15:11	10/24/19 22:45	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		10/23/19 15:11	10/24/19 22:45	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		10/23/19 15:11	10/24/19 22:45	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		10/23/19 15:11	10/24/19 22:45	1
Benzoic acid	ND		150	100	ug/L		10/23/19 15:11	10/24/19 22:45	1
Biphenyl	ND		5.0	0.65	ug/L		10/23/19 15:11	10/24/19 22:45	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		10/23/19 15:11	10/24/19 22:45	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		10/23/19 15:11	10/24/19 22:45	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		10/23/19 15:11	10/24/19 22:45	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		10/23/19 15:11	10/24/19 22:45	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		10/23/19 15:11	10/24/19 22:45	1
Caprolactam	ND		5.0	2.2	ug/L		10/23/19 15:11	10/24/19 22:45	1
Carbazole	ND *		5.0	0.30	ug/L		10/23/19 15:11	10/24/19 22:45	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161309-1

Client Sample ID: LPZ-05S

Lab Sample ID: 480-161309-4

Date Collected: 10/22/19 14:40

Matrix: Water

Date Received: 10/22/19 16:30

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		10/23/19 15:11	10/24/19 22:45	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		10/23/19 15:11	10/24/19 22:45	1
Dibenzofuran	ND		10	0.51	ug/L		10/23/19 15:11	10/24/19 22:45	1
Diethyl phthalate	0.90	J	5.0	0.22	ug/L		10/23/19 15:11	10/24/19 22:45	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		10/23/19 15:11	10/24/19 22:45	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		10/23/19 15:11	10/24/19 22:45	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		10/23/19 15:11	10/24/19 22:45	1
Fluoranthene	ND		5.0	0.40	ug/L		10/23/19 15:11	10/24/19 22:45	1
Fluorene	ND		5.0	0.36	ug/L		10/23/19 15:11	10/24/19 22:45	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		10/23/19 15:11	10/24/19 22:45	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		10/23/19 15:11	10/24/19 22:45	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		10/23/19 15:11	10/24/19 22:45	1
Hexachloroethane	ND		5.0	0.59	ug/L		10/23/19 15:11	10/24/19 22:45	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		10/23/19 15:11	10/24/19 22:45	1
Isophorone	ND		5.0	0.43	ug/L		10/23/19 15:11	10/24/19 22:45	1
Naphthalene	ND		5.0	0.76	ug/L		10/23/19 15:11	10/24/19 22:45	1
Nitrobenzene	ND		5.0	0.29	ug/L		10/23/19 15:11	10/24/19 22:45	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		10/23/19 15:11	10/24/19 22:45	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		10/23/19 15:11	10/24/19 22:45	1
Pentachlorophenol	ND		10	2.2	ug/L		10/23/19 15:11	10/24/19 22:45	1
Phenanthrene	ND		5.0	0.44	ug/L		10/23/19 15:11	10/24/19 22:45	1
Phenol	ND		5.0	0.39	ug/L		10/23/19 15:11	10/24/19 22:45	1
Pyrene	ND		5.0	0.34	ug/L		10/23/19 15:11	10/24/19 22:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	110		41 - 120	10/23/19 15:11	10/24/19 22:45	1
2-Fluorobiphenyl	103		48 - 120	10/23/19 15:11	10/24/19 22:45	1
2-Fluorophenol	75		35 - 120	10/23/19 15:11	10/24/19 22:45	1
Nitrobenzene-d5	97		46 - 120	10/23/19 15:11	10/24/19 22:45	1
Phenol-d5	55		22 - 120	10/23/19 15:11	10/24/19 22:45	1
p-Terphenyl-d14	92		60 - 148	10/23/19 15:11	10/24/19 22:45	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.014	J	0.050	0.0092	ug/L		10/28/19 08:07	10/29/19 12:51	1
4,4'-DDE	ND		0.050	0.012	ug/L		10/28/19 08:07	10/29/19 12:51	1
4,4'-DDT	0.017	J *	0.050	0.011	ug/L		10/28/19 08:07	10/29/19 12:51	1
Aldrin	ND		0.050	0.0081	ug/L		10/28/19 08:07	10/29/19 12:51	1
alpha-BHC	0.011	J B *	0.050	0.0077	ug/L		10/28/19 08:07	10/29/19 12:51	1
cis-Chlordane	ND		0.050	0.015	ug/L		10/28/19 08:07	10/29/19 12:51	1
beta-BHC	ND		0.050	0.025	ug/L		10/28/19 08:07	10/29/19 12:51	1
delta-BHC	ND		0.050	0.010	ug/L		10/28/19 08:07	10/29/19 12:51	1
Dieldrin	ND		0.050	0.0098	ug/L		10/28/19 08:07	10/29/19 12:51	1
Endosulfan I	ND		0.050	0.011	ug/L		10/28/19 08:07	10/29/19 12:51	1
Endosulfan II	ND *		0.050	0.012	ug/L		10/28/19 08:07	10/29/19 12:51	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		10/28/19 08:07	10/29/19 12:51	1
Endrin	ND		0.050	0.014	ug/L		10/28/19 08:07	10/29/19 12:51	1
Endrin aldehyde	ND *		0.050	0.016	ug/L		10/28/19 08:07	10/29/19 12:51	1
Endrin ketone	ND		0.050	0.012	ug/L		10/28/19 08:07	10/29/19 12:51	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		10/28/19 08:07	10/29/19 12:51	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161309-1

Client Sample ID: LPZ-05S

Lab Sample ID: 480-161309-4

Date Collected: 10/22/19 14:40

Matrix: Water

Date Received: 10/22/19 16:30

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-Chlordane	0.018	J	0.050	0.011	ug/L		10/28/19 08:07	10/29/19 12:51	1
Heptachlor	ND		0.050	0.0085	ug/L		10/28/19 08:07	10/29/19 12:51	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		10/28/19 08:07	10/29/19 12:51	1
Methoxychlor	ND		0.050	0.014	ug/L		10/28/19 08:07	10/29/19 12:51	1
Toxaphene	ND		0.50	0.12	ug/L		10/28/19 08:07	10/29/19 12:51	1
Mirex	ND		0.050	0.0096	ug/L		10/28/19 08:07	10/29/19 12:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	64		20 - 120	10/28/19 08:07	10/29/19 12:51	1
DCB Decachlorobiphenyl	73		20 - 120	10/28/19 08:07	10/29/19 12:51	1
Tetrachloro-m-xylene	95		44 - 120	10/28/19 08:07	10/29/19 12:51	1
Tetrachloro-m-xylene	77		44 - 120	10/28/19 08:07	10/29/19 12:51	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		10/23/19 15:20	10/24/19 19:26	1
PCB-1221	ND		0.50	0.18	ug/L		10/23/19 15:20	10/24/19 19:26	1
PCB-1232	ND		0.50	0.18	ug/L		10/23/19 15:20	10/24/19 19:26	1
PCB-1242	ND		0.50	0.18	ug/L		10/23/19 15:20	10/24/19 19:26	1
PCB-1248	ND		0.50	0.18	ug/L		10/23/19 15:20	10/24/19 19:26	1
PCB-1254	ND		0.50	0.25	ug/L		10/23/19 15:20	10/24/19 19:26	1
PCB-1260	ND		0.50	0.25	ug/L		10/23/19 15:20	10/24/19 19:26	1
PCB-1262	ND		0.50	0.25	ug/L		10/23/19 15:20	10/24/19 19:26	1
PCB-1268	ND		0.50	0.25	ug/L		10/23/19 15:20	10/24/19 19:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	62		39 - 121	10/23/19 15:20	10/24/19 19:26	1
Tetrachloro-m-xylene	59		39 - 121	10/23/19 15:20	10/24/19 19:26	1
DCB Decachlorobiphenyl	57		19 - 120	10/23/19 15:20	10/24/19 19:26	1
DCB Decachlorobiphenyl	56		19 - 120	10/23/19 15:20	10/24/19 19:26	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		10/23/19 13:40	10/25/19 13:21	1
Antimony	ND		0.020	0.0068	mg/L		10/23/19 13:40	10/25/19 13:21	1
Arsenic	0.011	J	0.015	0.0056	mg/L		10/23/19 13:40	10/25/19 13:21	1
Barium	0.082		0.0020	0.00070	mg/L		10/23/19 13:40	10/25/19 13:21	1
Beryllium	ND		0.0020	0.00030	mg/L		10/23/19 13:40	10/25/19 13:21	1
Cadmium	ND		0.0020	0.00050	mg/L		10/23/19 13:40	10/25/19 13:21	1
Calcium	177		0.50	0.10	mg/L		10/23/19 13:40	10/25/19 13:21	1
Chromium	ND		0.0040	0.0010	mg/L		10/23/19 13:40	10/25/19 13:21	1
Cobalt	0.0013	J	0.0040	0.00063	mg/L		10/23/19 13:40	10/25/19 13:21	1
Copper	ND		0.010	0.0016	mg/L		10/23/19 13:40	10/25/19 13:21	1
Iron	4.0		0.050	0.019	mg/L		10/23/19 13:40	10/25/19 13:21	1
Lead	0.0036	J	0.010	0.0030	mg/L		10/23/19 13:40	10/25/19 13:21	1
Magnesium	144		0.20	0.043	mg/L		10/23/19 13:40	10/25/19 13:21	1
Manganese	0.23		0.0030	0.00040	mg/L		10/23/19 13:40	10/25/19 13:21	1
Nickel	0.0050	J	0.010	0.0013	mg/L		10/23/19 13:40	10/25/19 13:21	1
Potassium	9.3		0.50	0.10	mg/L		10/23/19 13:40	10/25/19 13:21	1
Selenium	ND		0.025	0.0087	mg/L		10/23/19 13:40	10/25/19 13:21	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161309-1

Client Sample ID: LPZ-05S

Lab Sample ID: 480-161309-4

Date Collected: 10/22/19 14:40

Matrix: Water

Date Received: 10/22/19 16:30

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		10/23/19 13:40	10/25/19 13:21	1
Sodium	144		1.0	0.32	mg/L		10/23/19 13:40	10/25/19 13:21	1
Thallium	ND		0.020	0.010	mg/L		10/23/19 13:40	10/25/19 13:21	1
Vanadium	0.0017	J	0.0050	0.0015	mg/L		10/23/19 13:40	10/25/19 13:21	1
Zinc	0.0023	J B	0.010	0.0015	mg/L		10/23/19 13:40	10/25/19 13:21	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		10/30/19 12:08	10/30/19 17:18	1

Well LPZ-06S

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123019-1

Client Sample ID: NS-LPZ-06S-GW

Lab Sample ID: 480-123019-4

Date Collected: 08/21/17 14:35

Matrix: Water

Date Received: 08/21/17 16:20

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/28/17 14:15	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/28/17 14:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/28/17 14:15	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/28/17 14:15	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/28/17 14:15	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/28/17 14:15	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/28/17 14:15	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/28/17 14:15	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/28/17 14:15	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/28/17 14:15	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/28/17 14:15	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/28/17 14:15	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/28/17 14:15	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/28/17 14:15	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/28/17 14:15	1
2-Hexanone	ND		5.0	1.2	ug/L			08/28/17 14:15	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/28/17 14:15	1
Acetone	ND		10	3.0	ug/L			08/28/17 14:15	1
Benzene	ND		1.0	0.41	ug/L			08/28/17 14:15	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/28/17 14:15	1
Bromoform	ND		1.0	0.26	ug/L			08/28/17 14:15	1
Bromomethane	ND		1.0	0.69	ug/L			08/28/17 14:15	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/28/17 14:15	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/28/17 14:15	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/28/17 14:15	1
Chloroethane	ND		1.0	0.32	ug/L			08/28/17 14:15	1
Chloroform	ND		1.0	0.34	ug/L			08/28/17 14:15	1
Chloromethane	ND		1.0	0.35	ug/L			08/28/17 14:15	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/28/17 14:15	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/28/17 14:15	1
Cyclohexane	ND		1.0	0.18	ug/L			08/28/17 14:15	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/28/17 14:15	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/28/17 14:15	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/28/17 14:15	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/28/17 14:15	1
Methyl acetate	ND		2.5	1.3	ug/L			08/28/17 14:15	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/28/17 14:15	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/28/17 14:15	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/28/17 14:15	1
Styrene	ND		1.0	0.73	ug/L			08/28/17 14:15	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/28/17 14:15	1
Toluene	ND		1.0	0.51	ug/L			08/28/17 14:15	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/28/17 14:15	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/28/17 14:15	1
Trichloroethene	ND		1.0	0.46	ug/L			08/28/17 14:15	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/28/17 14:15	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/28/17 14:15	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/28/17 14:15	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123019-1

Client Sample ID: NS-LPZ-06S-GW

Lab Sample ID: 480-123019-4

Date Collected: 08/21/17 14:35

Matrix: Water

Date Received: 08/21/17 16:20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		08/28/17 14:15	1
4-Bromofluorobenzene (Surr)	93		73 - 120		08/28/17 14:15	1
Toluene-d8 (Surr)	98		80 - 120		08/28/17 14:15	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		08/22/17 13:59	08/24/17 03:06	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		08/22/17 13:59	08/24/17 03:06	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		08/22/17 13:59	08/24/17 03:06	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		08/22/17 13:59	08/24/17 03:06	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		08/22/17 13:59	08/24/17 03:06	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		08/22/17 13:59	08/24/17 03:06	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		08/22/17 13:59	08/24/17 03:06	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		08/22/17 13:59	08/24/17 03:06	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		08/22/17 13:59	08/24/17 03:06	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		08/22/17 13:59	08/24/17 03:06	1
2-Chlorophenol	ND		5.0	0.53	ug/L		08/22/17 13:59	08/24/17 03:06	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/22/17 13:59	08/24/17 03:06	1
2-Methylphenol	ND		5.0	0.40	ug/L		08/22/17 13:59	08/24/17 03:06	1
2-Nitroaniline	ND		10	0.42	ug/L		08/22/17 13:59	08/24/17 03:06	1
2-Nitrophenol	ND		5.0	0.48	ug/L		08/22/17 13:59	08/24/17 03:06	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		08/22/17 13:59	08/24/17 03:06	1
3-Nitroaniline	ND		10	0.48	ug/L		08/22/17 13:59	08/24/17 03:06	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		08/22/17 13:59	08/24/17 03:06	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		08/22/17 13:59	08/24/17 03:06	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		08/22/17 13:59	08/24/17 03:06	1
4-Chloroaniline	ND		5.0	0.59	ug/L		08/22/17 13:59	08/24/17 03:06	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		08/22/17 13:59	08/24/17 03:06	1
4-Methylphenol	ND		10	0.36	ug/L		08/22/17 13:59	08/24/17 03:06	1
4-Nitroaniline	ND		10	0.25	ug/L		08/22/17 13:59	08/24/17 03:06	1
4-Nitrophenol	ND		10	1.5	ug/L		08/22/17 13:59	08/24/17 03:06	1
Acenaphthene	ND		5.0	0.41	ug/L		08/22/17 13:59	08/24/17 03:06	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/22/17 13:59	08/24/17 03:06	1
Acetophenone	ND		5.0	0.54	ug/L		08/22/17 13:59	08/24/17 03:06	1
Anthracene	ND		5.0	0.28	ug/L		08/22/17 13:59	08/24/17 03:06	1
Atrazine	ND		5.0	0.46	ug/L		08/22/17 13:59	08/24/17 03:06	1
Benzaldehyde	ND		5.0	0.27	ug/L		08/22/17 13:59	08/24/17 03:06	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		08/22/17 13:59	08/24/17 03:06	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		08/22/17 13:59	08/24/17 03:06	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		08/22/17 13:59	08/24/17 03:06	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		08/22/17 13:59	08/24/17 03:06	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		08/22/17 13:59	08/24/17 03:06	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		08/22/17 13:59	08/24/17 03:06	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		08/22/17 13:59	08/24/17 03:06	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		08/22/17 13:59	08/24/17 03:06	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		08/22/17 13:59	08/24/17 03:06	1
Caprolactam	ND		5.0	2.2	ug/L		08/22/17 13:59	08/24/17 03:06	1
Carbazole	ND		5.0	0.30	ug/L		08/22/17 13:59	08/24/17 03:06	1
Chrysene	ND		5.0	0.33	ug/L		08/22/17 13:59	08/24/17 03:06	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		08/22/17 13:59	08/24/17 03:06	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123019-1

Client Sample ID: NS-LPZ-06S-GW

Lab Sample ID: 480-123019-4

Date Collected: 08/21/17 14:35

Matrix: Water

Date Received: 08/21/17 16:20

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		08/22/17 13:59	08/24/17 03:06	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/22/17 13:59	08/24/17 03:06	1
Dibenzofuran	ND		10	0.51	ug/L		08/22/17 13:59	08/24/17 03:06	1
Diethyl phthalate	ND		5.0	0.22	ug/L		08/22/17 13:59	08/24/17 03:06	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		08/22/17 13:59	08/24/17 03:06	1
Fluoranthene	ND		5.0	0.40	ug/L		08/22/17 13:59	08/24/17 03:06	1
Fluorene	ND		5.0	0.36	ug/L		08/22/17 13:59	08/24/17 03:06	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		08/22/17 13:59	08/24/17 03:06	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		08/22/17 13:59	08/24/17 03:06	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		08/22/17 13:59	08/24/17 03:06	1
Hexachloroethane	ND		5.0	0.59	ug/L		08/22/17 13:59	08/24/17 03:06	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		08/22/17 13:59	08/24/17 03:06	1
Isophorone	ND		5.0	0.43	ug/L		08/22/17 13:59	08/24/17 03:06	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		08/22/17 13:59	08/24/17 03:06	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		08/22/17 13:59	08/24/17 03:06	1
Naphthalene	ND		5.0	0.76	ug/L		08/22/17 13:59	08/24/17 03:06	1
Nitrobenzene	ND		5.0	0.29	ug/L		08/22/17 13:59	08/24/17 03:06	1
Pentachlorophenol	ND		10	2.2	ug/L		08/22/17 13:59	08/24/17 03:06	1
Phenanthrene	ND		5.0	0.44	ug/L		08/22/17 13:59	08/24/17 03:06	1
Phenol	ND		5.0	0.39	ug/L		08/22/17 13:59	08/24/17 03:06	1
Pyrene	ND		5.0	0.34	ug/L		08/22/17 13:59	08/24/17 03:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	98		41 - 120	08/22/17 13:59	08/24/17 03:06	1
2-Fluorobiphenyl	91		48 - 120	08/22/17 13:59	08/24/17 03:06	1
2-Fluorophenol	72		35 - 120	08/22/17 13:59	08/24/17 03:06	1
Nitrobenzene-d5	96		46 - 120	08/22/17 13:59	08/24/17 03:06	1
p-Terphenyl-d14	77		59 - 136	08/22/17 13:59	08/24/17 03:06	1
Phenol-d5	52		22 - 120	08/22/17 13:59	08/24/17 03:06	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.029	J	0.050	0.0092	ug/L		08/22/17 14:16	08/24/17 13:11	1
4,4'-DDE	ND		0.050	0.012	ug/L		08/22/17 14:16	08/24/17 13:11	1
4,4'-DDT	ND		0.050	0.011	ug/L		08/22/17 14:16	08/24/17 13:11	1
Aldrin	ND		0.050	0.0081	ug/L		08/22/17 14:16	08/24/17 13:11	1
alpha-BHC	ND		0.050	0.0077	ug/L		08/22/17 14:16	08/24/17 13:11	1
alpha-Chlordane	ND		0.050	0.015	ug/L		08/22/17 14:16	08/24/17 13:11	1
beta-BHC	ND		0.050	0.025	ug/L		08/22/17 14:16	08/24/17 13:11	1
delta-BHC	ND		0.050	0.010	ug/L		08/22/17 14:16	08/24/17 13:11	1
Dieldrin	ND		0.050	0.0098	ug/L		08/22/17 14:16	08/24/17 13:11	1
Endosulfan I	ND		0.050	0.011	ug/L		08/22/17 14:16	08/24/17 13:11	1
Endosulfan II	ND		0.050	0.012	ug/L		08/22/17 14:16	08/24/17 13:11	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		08/22/17 14:16	08/24/17 13:11	1
Endrin	ND		0.050	0.014	ug/L		08/22/17 14:16	08/24/17 13:11	1
Endrin aldehyde	ND		0.050	0.016	ug/L		08/22/17 14:16	08/24/17 13:11	1
Endrin ketone	ND		0.050	0.012	ug/L		08/22/17 14:16	08/24/17 13:11	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		08/22/17 14:16	08/24/17 13:11	1
gamma-Chlordane	ND		0.050	0.011	ug/L		08/22/17 14:16	08/24/17 13:11	1
Heptachlor	ND		0.050	0.0085	ug/L		08/22/17 14:16	08/24/17 13:11	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123019-1

Client Sample ID: NS-LPZ-06S-GW

Lab Sample ID: 480-123019-4

Date Collected: 08/21/17 14:35

Matrix: Water

Date Received: 08/21/17 16:20

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		0.050	0.0074	ug/L		08/22/17 14:16	08/24/17 13:11	1
Methoxychlor	ND		0.050	0.014	ug/L		08/22/17 14:16	08/24/17 13:11	1
Toxaphene	ND		0.50	0.12	ug/L		08/22/17 14:16	08/24/17 13:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	84		20 - 120	08/22/17 14:16	08/24/17 13:11	1
DCB Decachlorobiphenyl	68		20 - 120	08/22/17 14:16	08/24/17 13:11	1
Tetrachloro-m-xylene	114		44 - 120	08/22/17 14:16	08/24/17 13:11	1
Tetrachloro-m-xylene	93		44 - 120	08/22/17 14:16	08/24/17 13:11	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		08/23/17 14:55	08/24/17 18:19	1
PCB-1221	ND		0.50	0.18	ug/L		08/23/17 14:55	08/24/17 18:19	1
PCB-1232	ND		0.50	0.18	ug/L		08/23/17 14:55	08/24/17 18:19	1
PCB-1242	ND		0.50	0.18	ug/L		08/23/17 14:55	08/24/17 18:19	1
PCB-1248	ND		0.50	0.18	ug/L		08/23/17 14:55	08/24/17 18:19	1
PCB-1254	ND		0.50	0.25	ug/L		08/23/17 14:55	08/24/17 18:19	1
PCB-1260	ND		0.50	0.25	ug/L		08/23/17 14:55	08/24/17 18:19	1
PCB-1262	ND		0.50	0.25	ug/L		08/23/17 14:55	08/24/17 18:19	1
PCB-1268	ND		0.50	0.25	ug/L		08/23/17 14:55	08/24/17 18:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	85		39 - 121	08/23/17 14:55	08/24/17 18:19	1
Tetrachloro-m-xylene	66		39 - 121	08/23/17 14:55	08/24/17 18:19	1
DCB Decachlorobiphenyl	64		19 - 120	08/23/17 14:55	08/24/17 18:19	1
DCB Decachlorobiphenyl	56		19 - 120	08/23/17 14:55	08/24/17 18:19	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/25/17 11:14	08/25/17 17:08	1
Antimony	ND		0.020	0.0068	mg/L		08/25/17 11:14	08/25/17 17:08	1
Arsenic	ND		0.015	0.0056	mg/L		08/25/17 11:14	08/25/17 17:08	1
Barium	0.030		0.0020	0.00070	mg/L		08/25/17 11:14	08/25/17 17:08	1
Beryllium	ND		0.0020	0.00030	mg/L		08/25/17 11:14	08/25/17 17:08	1
Cadmium	ND		0.0020	0.00050	mg/L		08/25/17 11:14	08/25/17 17:08	1
Calcium	178		0.50	0.10	mg/L		08/25/17 11:14	08/25/17 17:08	1
Chromium	ND		0.0040	0.0010	mg/L		08/25/17 11:14	08/25/17 17:08	1
Cobalt	ND		0.0040	0.00063	mg/L		08/25/17 11:14	08/25/17 17:08	1
Copper	ND		0.010	0.0016	mg/L		08/25/17 11:14	08/25/17 17:08	1
Iron	0.32		0.050	0.019	mg/L		08/25/17 11:14	08/25/17 17:08	1
Lead	ND		0.020	0.0060	mg/L		08/25/17 11:14	08/28/17 16:39	2
Magnesium	66.7		0.20	0.043	mg/L		08/25/17 11:14	08/25/17 17:08	1
Manganese	0.26	B	0.0030	0.00040	mg/L		08/25/17 11:14	08/25/17 17:08	1
Nickel	0.0015	J	0.010	0.0013	mg/L		08/25/17 11:14	08/25/17 17:08	1
Potassium	4.0		0.50	0.10	mg/L		08/25/17 11:14	08/25/17 17:08	1
Selenium	ND		0.025	0.0087	mg/L		08/25/17 11:14	08/25/17 17:08	1
Silver	ND		0.0060	0.0017	mg/L		08/25/17 11:14	08/25/17 17:08	1
Sodium	66.3		1.0	0.32	mg/L		08/25/17 11:14	08/25/17 17:08	1
Thallium	ND		0.020	0.010	mg/L		08/25/17 11:14	08/25/17 17:08	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123019-1

Client Sample ID: NS-LPZ-06S-GW

Lab Sample ID: 480-123019-4

Date Collected: 08/21/17 14:35

Matrix: Water

Date Received: 08/21/17 16:20

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	ND		0.0050	0.0015	mg/L		08/25/17 11:14	08/25/17 17:08	1
Zinc	0.0062	J	0.010	0.0015	mg/L		08/25/17 11:14	08/25/17 17:08	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/25/17 08:00	08/25/17 20:02	1
Antimony	ND		0.020	0.0068	mg/L		08/25/17 08:00	08/25/17 20:02	1
Arsenic	ND		0.015	0.0056	mg/L		08/25/17 08:00	08/25/17 20:02	1
Barium	0.029		0.0020	0.00070	mg/L		08/25/17 08:00	08/25/17 20:02	1
Beryllium	ND		0.0020	0.00030	mg/L		08/25/17 08:00	08/25/17 20:02	1
Cadmium	ND		0.0020	0.00050	mg/L		08/25/17 08:00	08/25/17 20:02	1
Calcium	171		0.50	0.10	mg/L		08/25/17 08:00	08/25/17 20:02	1
Chromium	ND		0.0040	0.0010	mg/L		08/25/17 08:00	08/25/17 20:02	1
Cobalt	ND		0.0040	0.00063	mg/L		08/25/17 08:00	08/25/17 20:02	1
Copper	ND		0.010	0.0016	mg/L		08/25/17 08:00	08/25/17 20:02	1
Iron	ND		0.050	0.019	mg/L		08/25/17 08:00	08/25/17 20:02	1
Lead	0.0066	J	0.020	0.0060	mg/L		08/25/17 08:00	08/28/17 15:27	2
Magnesium	64.6		0.20	0.043	mg/L		08/25/17 08:00	08/25/17 20:02	1
Manganese	0.24	B	0.0030	0.00040	mg/L		08/25/17 08:00	08/25/17 20:02	1
Nickel	0.0013	J	0.010	0.0013	mg/L		08/25/17 08:00	08/25/17 20:02	1
Potassium	3.9		0.50	0.10	mg/L		08/25/17 08:00	08/25/17 20:02	1
Selenium	ND		0.025	0.0087	mg/L		08/25/17 08:00	08/25/17 20:02	1
Silver	ND		0.0060	0.0017	mg/L		08/25/17 08:00	08/25/17 20:02	1
Sodium	65.1		1.0	0.32	mg/L		08/25/17 08:00	08/25/17 20:02	1
Thallium	ND		0.020	0.010	mg/L		08/25/17 08:00	08/25/17 20:02	1
Vanadium	ND		0.0050	0.0015	mg/L		08/25/17 08:00	08/25/17 20:02	1
Zinc	0.013	B	0.010	0.0015	mg/L		08/31/17 10:49	08/31/17 17:11	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/24/17 10:50	08/24/17 14:16	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/25/17 11:35	08/25/17 14:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.0		2.5	1.4	mg/L			08/25/17 18:05	5
Sulfate	273		10.0	1.7	mg/L			08/25/17 18:05	5
Alkalinity, Total	531		5.0	0.79	mg/L			08/24/17 16:57	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161451-1

Client Sample ID: LPZ-06S

Lab Sample ID: 480-161451-1

Date Collected: 10/23/19 09:00

Matrix: Water

Date Received: 10/23/19 17:30

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		25	2.4	ug/L		10/25/19 14:25	10/29/19 00:40	1
2,4,6-Trichlorophenol	ND		25	3.1	ug/L		10/25/19 14:25	10/29/19 00:40	1
2,4-Dichlorophenol	ND		25	2.6	ug/L		10/25/19 14:25	10/29/19 00:40	1
2,4-Dimethylphenol	ND		25	2.5	ug/L		10/25/19 14:25	10/29/19 00:40	1
2,4-Dinitrophenol	ND		50	11	ug/L		10/25/19 14:25	10/29/19 00:40	1
2,4-Dinitrotoluene	ND		25	2.2	ug/L		10/25/19 14:25	10/29/19 00:40	1
2,6-Dinitrotoluene	ND		25	2.0	ug/L		10/25/19 14:25	10/29/19 00:40	1
2-Chloronaphthalene	ND		25	2.3	ug/L		10/25/19 14:25	10/29/19 00:40	1
2-Chlorophenol	ND		25	2.7	ug/L		10/25/19 14:25	10/29/19 00:40	1
2-Methylnaphthalene	ND		25	3.0	ug/L		10/25/19 14:25	10/29/19 00:40	1
2-Methylphenol	ND		25	2.0	ug/L		10/25/19 14:25	10/29/19 00:40	1
2-Nitroaniline	ND		50	2.1	ug/L		10/25/19 14:25	10/29/19 00:40	1
2-Nitrophenol	ND		25	2.4	ug/L		10/25/19 14:25	10/29/19 00:40	1
3,3'-Dichlorobenzidine	ND		25	2.0	ug/L		10/25/19 14:25	10/29/19 00:40	1
3-Nitroaniline	ND		50	2.4	ug/L		10/25/19 14:25	10/29/19 00:40	1
4,6-Dinitro-2-methylphenol	ND *		50	11	ug/L		10/25/19 14:25	10/29/19 00:40	1
4-Bromophenyl phenyl ether	ND *		25	2.3	ug/L		10/25/19 14:25	10/29/19 00:40	1
4-Chloro-3-methylphenol	ND		25	2.3	ug/L		10/25/19 14:25	10/29/19 00:40	1
4-Chloroaniline	ND		25	3.0	ug/L		10/25/19 14:25	10/29/19 00:40	1
4-Chlorophenyl phenyl ether	ND		25	1.8	ug/L		10/25/19 14:25	10/29/19 00:40	1
4-Methylphenol	ND		50	1.8	ug/L		10/25/19 14:25	10/29/19 00:40	1
4-Nitroaniline	ND		50	1.3	ug/L		10/25/19 14:25	10/29/19 00:40	1
4-Nitrophenol	ND		50	7.6	ug/L		10/25/19 14:25	10/29/19 00:40	1
Acenaphthene	ND		25	2.1	ug/L		10/25/19 14:25	10/29/19 00:40	1
Acenaphthylene	ND		25	1.9	ug/L		10/25/19 14:25	10/29/19 00:40	1
Acetophenone	ND		25	2.7	ug/L		10/25/19 14:25	10/29/19 00:40	1
Anthracene	ND		25	1.4	ug/L		10/25/19 14:25	10/29/19 00:40	1
Atrazine	ND		25	2.3	ug/L		10/25/19 14:25	10/29/19 00:40	1
Benzaldehyde	ND		25	1.3	ug/L		10/25/19 14:25	10/29/19 00:40	1
Benzo(a)anthracene	ND		25	1.8	ug/L		10/25/19 14:25	10/29/19 00:40	1
Benzo(a)pyrene	ND		25	2.4	ug/L		10/25/19 14:25	10/29/19 00:40	1
Benzo(b)fluoranthene	ND		25	1.7	ug/L		10/25/19 14:25	10/29/19 00:40	1
Benzo(g,h,i)perylene	ND		25	1.8	ug/L		10/25/19 14:25	10/29/19 00:40	1
Benzo(k)fluoranthene	ND		25	3.7	ug/L		10/25/19 14:25	10/29/19 00:40	1
Biphenyl	ND		25	3.3	ug/L		10/25/19 14:25	10/29/19 00:40	1
bis (2-chloroisopropyl) ether	ND		25	2.6	ug/L		10/25/19 14:25	10/29/19 00:40	1
Bis(2-chloroethoxy)methane	ND		25	1.8	ug/L		10/25/19 14:25	10/29/19 00:40	1
Bis(2-chloroethyl)ether	ND		25	2.0	ug/L		10/25/19 14:25	10/29/19 00:40	1
Bis(2-ethylhexyl) phthalate	ND		25	11	ug/L		10/25/19 14:25	10/29/19 00:40	1
Butyl benzyl phthalate	ND *		25	5.0	ug/L		10/25/19 14:25	10/29/19 00:40	1
Caprolactam	ND		25	11	ug/L		10/25/19 14:25	10/29/19 00:40	1
Carbazole	ND		25	1.5	ug/L		10/25/19 14:25	10/29/19 00:40	1
Chrysene	ND		25	1.7	ug/L		10/25/19 14:25	10/29/19 00:40	1
Dibenz(a,h)anthracene	ND		25	2.1	ug/L		10/25/19 14:25	10/29/19 00:40	1
Dibenzofuran	ND		50	2.6	ug/L		10/25/19 14:25	10/29/19 00:40	1
Diethyl phthalate	ND		25	1.1	ug/L		10/25/19 14:25	10/29/19 00:40	1
Dimethyl phthalate	ND		25	1.8	ug/L		10/25/19 14:25	10/29/19 00:40	1
Di-n-butyl phthalate	ND		25	1.6	ug/L		10/25/19 14:25	10/29/19 00:40	1
Di-n-octyl phthalate	ND		25	2.4	ug/L		10/25/19 14:25	10/29/19 00:40	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161451-1

Client Sample ID: LPZ-06S

Lab Sample ID: 480-161451-1

Date Collected: 10/23/19 09:00

Matrix: Water

Date Received: 10/23/19 17:30

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	ND	*	25	2.0	ug/L		10/25/19 14:25	10/29/19 00:40	1
Fluorene	ND		25	1.8	ug/L		10/25/19 14:25	10/29/19 00:40	1
Hexachlorobenzene	ND	*	25	2.6	ug/L		10/25/19 14:25	10/29/19 00:40	1
Hexachlorobutadiene	ND		25	3.4	ug/L		10/25/19 14:25	10/29/19 00:40	1
Hexachlorocyclopentadiene	ND		25	3.0	ug/L		10/25/19 14:25	10/29/19 00:40	1
Hexachloroethane	ND		25	3.0	ug/L		10/25/19 14:25	10/29/19 00:40	1
Indeno(1,2,3-cd)pyrene	ND		25	2.4	ug/L		10/25/19 14:25	10/29/19 00:40	1
Isophorone	ND		25	2.2	ug/L		10/25/19 14:25	10/29/19 00:40	1
Naphthalene	ND		25	3.8	ug/L		10/25/19 14:25	10/29/19 00:40	1
Nitrobenzene	ND		25	1.5	ug/L		10/25/19 14:25	10/29/19 00:40	1
N-Nitrosodi-n-propylamine	ND		25	2.7	ug/L		10/25/19 14:25	10/29/19 00:40	1
N-Nitrosodiphenylamine	ND	*	25	2.6	ug/L		10/25/19 14:25	10/29/19 00:40	1
Pentachlorophenol	ND		50	11	ug/L		10/25/19 14:25	10/29/19 00:40	1
Phenanthrene	ND	*	25	2.2	ug/L		10/25/19 14:25	10/29/19 00:40	1
Phenol	ND		25	2.0	ug/L		10/25/19 14:25	10/29/19 00:40	1
Pyrene	ND		25	1.7	ug/L		10/25/19 14:25	10/29/19 00:40	1
Benzoic acid	ND		750	500	ug/L		10/25/19 14:25	10/29/19 00:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	83		41 - 120	10/25/19 14:25	10/29/19 00:40	1
2-Fluorobiphenyl	89		48 - 120	10/25/19 14:25	10/29/19 00:40	1
2-Fluorophenol	52		35 - 120	10/25/19 14:25	10/29/19 00:40	1
Nitrobenzene-d5	69		46 - 120	10/25/19 14:25	10/29/19 00:40	1
Phenol-d5	38		22 - 120	10/25/19 14:25	10/29/19 00:40	1
p-Terphenyl-d14	92		60 - 148	10/25/19 14:25	10/29/19 00:40	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.018	J	0.050	0.0092	ug/L		10/28/19 08:07	10/29/19 13:49	1
4,4'-DDE	0.023	J	0.050	0.012	ug/L		10/28/19 08:07	10/29/19 13:49	1
4,4'-DDT	0.029	J *	0.050	0.011	ug/L		10/28/19 08:07	10/29/19 13:49	1
Aldrin	0.0083	J	0.050	0.0081	ug/L		10/28/19 08:07	10/29/19 13:49	1
alpha-BHC	ND	*	0.050	0.0077	ug/L		10/28/19 08:07	10/29/19 13:49	1
cis-Chlordane	ND		0.050	0.015	ug/L		10/28/19 08:07	10/29/19 13:49	1
beta-BHC	ND		0.050	0.025	ug/L		10/28/19 08:07	10/29/19 13:49	1
delta-BHC	ND		0.050	0.010	ug/L		10/28/19 08:07	10/29/19 13:49	1
Dieldrin	ND		0.050	0.0098	ug/L		10/28/19 08:07	10/29/19 13:49	1
Endosulfan I	ND		0.050	0.011	ug/L		10/28/19 08:07	10/29/19 13:49	1
Endosulfan II	0.035	J *	0.050	0.012	ug/L		10/28/19 08:07	10/29/19 13:49	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		10/28/19 08:07	10/29/19 13:49	1
Endrin	ND		0.050	0.014	ug/L		10/28/19 08:07	10/29/19 13:49	1
Endrin aldehyde	0.035	J B *	0.050	0.016	ug/L		10/28/19 08:07	10/29/19 13:49	1
Endrin ketone	0.067	B	0.050	0.012	ug/L		10/28/19 08:07	10/29/19 13:49	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		10/28/19 08:07	10/29/19 13:49	1
trans-Chlordane	ND		0.050	0.011	ug/L		10/28/19 08:07	10/29/19 13:49	1
Heptachlor	ND		0.050	0.0085	ug/L		10/28/19 08:07	10/29/19 13:49	1
Heptachlor epoxide	0.0083	J	0.050	0.0074	ug/L		10/28/19 08:07	10/29/19 13:49	1
Methoxychlor	ND		0.050	0.014	ug/L		10/28/19 08:07	10/29/19 13:49	1
Toxaphene	ND		0.50	0.12	ug/L		10/28/19 08:07	10/29/19 13:49	1
Mirex	ND		0.050	0.0096	ug/L		10/28/19 08:07	10/29/19 13:49	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161451-1

Client Sample ID: LPZ-06S

Lab Sample ID: 480-161451-1

Date Collected: 10/23/19 09:00

Matrix: Water

Date Received: 10/23/19 17:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	63		20 - 120	10/28/19 08:07	10/29/19 13:49	1
DCB Decachlorobiphenyl	66		20 - 120	10/28/19 08:07	10/29/19 13:49	1
Tetrachloro-m-xylene	111		44 - 120	10/28/19 08:07	10/29/19 13:49	1
Tetrachloro-m-xylene	87		44 - 120	10/28/19 08:07	10/29/19 13:49	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		10/28/19 15:12	10/29/19 20:49	1
PCB-1221	ND		0.50	0.18	ug/L		10/28/19 15:12	10/29/19 20:49	1
PCB-1232	ND		0.50	0.18	ug/L		10/28/19 15:12	10/29/19 20:49	1
PCB-1242	ND		0.50	0.18	ug/L		10/28/19 15:12	10/29/19 20:49	1
PCB-1248	ND		0.50	0.18	ug/L		10/28/19 15:12	10/29/19 20:49	1
PCB-1254	ND		0.50	0.25	ug/L		10/28/19 15:12	10/29/19 20:49	1
PCB-1260	ND		0.50	0.25	ug/L		10/28/19 15:12	10/29/19 20:49	1
PCB-1262	ND		0.50	0.25	ug/L		10/28/19 15:12	10/29/19 20:49	1
PCB-1268	ND		0.50	0.25	ug/L		10/28/19 15:12	10/29/19 20:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	81		39 - 121	10/28/19 15:12	10/29/19 20:49	1
Tetrachloro-m-xylene	70		39 - 121	10/28/19 15:12	10/29/19 20:49	1
DCB Decachlorobiphenyl	53		19 - 120	10/28/19 15:12	10/29/19 20:49	1
DCB Decachlorobiphenyl	32		19 - 120	10/28/19 15:12	10/29/19 20:49	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		10/25/19 07:35	10/27/19 19:08	1
Antimony	ND		0.020	0.0068	mg/L		10/25/19 07:35	10/27/19 19:08	1
Arsenic	0.013	J	0.015	0.0056	mg/L		10/25/19 07:35	10/27/19 19:08	1
Barium	0.044		0.0020	0.00070	mg/L		10/25/19 07:35	10/27/19 19:08	1
Beryllium	ND		0.0020	0.00030	mg/L		10/25/19 07:35	10/27/19 19:08	1
Cadmium	ND		0.0020	0.00050	mg/L		10/25/19 07:35	10/27/19 19:08	1
Calcium	616		0.50	0.10	mg/L		10/25/19 07:35	10/27/19 19:08	1
Chromium	0.0077		0.0040	0.0010	mg/L		10/25/19 07:35	10/27/19 19:08	1
Cobalt	0.0072		0.0040	0.00063	mg/L		10/25/19 07:35	10/27/19 19:08	1
Copper	0.0021	J	0.010	0.0016	mg/L		10/25/19 07:35	10/27/19 19:08	1
Iron	35.9	B	0.050	0.019	mg/L		10/25/19 07:35	10/27/19 19:08	1
Lead	ND		0.010	0.0030	mg/L		10/25/19 07:35	10/27/19 19:08	1
Magnesium	141		0.20	0.043	mg/L		10/25/19 07:35	10/27/19 19:08	1
Manganese	2.8	B	0.0030	0.00040	mg/L		10/25/19 07:35	10/27/19 19:08	1
Nickel	0.030		0.010	0.0013	mg/L		10/25/19 07:35	10/27/19 19:08	1
Potassium	12.1		0.50	0.10	mg/L		10/25/19 07:35	10/27/19 19:08	1
Selenium	ND		0.025	0.0087	mg/L		10/25/19 07:35	10/27/19 19:08	1
Silver	ND		0.0060	0.0017	mg/L		10/25/19 07:35	10/27/19 19:08	1
Sodium	109		1.0	0.32	mg/L		10/25/19 07:35	10/27/19 19:08	1
Thallium	ND		0.020	0.010	mg/L		10/25/19 07:35	10/27/19 19:08	1
Vanadium	0.0019	J	0.0050	0.0015	mg/L		10/25/19 07:35	10/27/19 19:08	1
Zinc	0.15	B	0.010	0.0015	mg/L		10/25/19 07:35	10/27/19 19:08	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/04/19 11:22	11/04/19 14:28	1

Eurofins TestAmerica, Buffalo

Well LPZ-07S

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123019-1

Client Sample ID: NS-LPZ-07S-GW

Lab Sample ID: 480-123019-5

Date Collected: 08/21/17 15:30

Matrix: Water

Date Received: 08/21/17 16:20

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			08/28/17 14:43	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			08/28/17 14:43	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			08/28/17 14:43	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			08/28/17 14:43	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			08/28/17 14:43	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			08/28/17 14:43	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			08/28/17 14:43	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			08/28/17 14:43	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			08/28/17 14:43	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			08/28/17 14:43	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			08/28/17 14:43	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			08/28/17 14:43	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			08/28/17 14:43	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			08/28/17 14:43	4
2-Butanone (MEK)	ND		40	5.3	ug/L			08/28/17 14:43	4
2-Hexanone	ND		20	5.0	ug/L			08/28/17 14:43	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			08/28/17 14:43	4
Acetone	ND		40	12	ug/L			08/28/17 14:43	4
Benzene	ND		4.0	1.6	ug/L			08/28/17 14:43	4
Bromodichloromethane	ND		4.0	1.6	ug/L			08/28/17 14:43	4
Bromoform	ND		4.0	1.0	ug/L			08/28/17 14:43	4
Bromomethane	ND		4.0	2.8	ug/L			08/28/17 14:43	4
Carbon disulfide	ND		4.0	0.76	ug/L			08/28/17 14:43	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			08/28/17 14:43	4
Chlorobenzene	ND		4.0	3.0	ug/L			08/28/17 14:43	4
Chloroethane	ND		4.0	1.3	ug/L			08/28/17 14:43	4
Chloroform	ND		4.0	1.4	ug/L			08/28/17 14:43	4
Chloromethane	ND		4.0	1.4	ug/L			08/28/17 14:43	4
cis-1,2-Dichloroethene	ND		4.0	3.2	ug/L			08/28/17 14:43	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			08/28/17 14:43	4
Cyclohexane	ND		4.0	0.72	ug/L			08/28/17 14:43	4
Dibromochloromethane	ND		4.0	1.3	ug/L			08/28/17 14:43	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			08/28/17 14:43	4
Ethylbenzene	ND		4.0	3.0	ug/L			08/28/17 14:43	4
Isopropylbenzene	ND		4.0	3.2	ug/L			08/28/17 14:43	4
Methyl acetate	ND		10	5.2	ug/L			08/28/17 14:43	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			08/28/17 14:43	4
Methylcyclohexane	ND		4.0	0.64	ug/L			08/28/17 14:43	4
Methylene Chloride	ND		4.0	1.8	ug/L			08/28/17 14:43	4
Styrene	ND		4.0	2.9	ug/L			08/28/17 14:43	4
Tetrachloroethene	ND		4.0	1.4	ug/L			08/28/17 14:43	4
Toluene	ND		4.0	2.0	ug/L			08/28/17 14:43	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			08/28/17 14:43	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			08/28/17 14:43	4
Trichloroethene	ND		4.0	1.8	ug/L			08/28/17 14:43	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			08/28/17 14:43	4
Vinyl chloride	ND		4.0	3.6	ug/L			08/28/17 14:43	4
Xylenes, Total	ND		8.0	2.6	ug/L			08/28/17 14:43	4

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123019-1

Client Sample ID: NS-LPZ-07S-GW

Lab Sample ID: 480-123019-5

Date Collected: 08/21/17 15:30

Matrix: Water

Date Received: 08/21/17 16:20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		08/28/17 14:43	4
4-Bromofluorobenzene (Surr)	91		73 - 120		08/28/17 14:43	4
Toluene-d8 (Surr)	99		80 - 120		08/28/17 14:43	4

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		08/22/17 13:59	08/24/17 03:36	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		08/22/17 13:59	08/24/17 03:36	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		08/22/17 13:59	08/24/17 03:36	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		08/22/17 13:59	08/24/17 03:36	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		08/22/17 13:59	08/24/17 03:36	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		08/22/17 13:59	08/24/17 03:36	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		08/22/17 13:59	08/24/17 03:36	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		08/22/17 13:59	08/24/17 03:36	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		08/22/17 13:59	08/24/17 03:36	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		08/22/17 13:59	08/24/17 03:36	1
2-Chlorophenol	ND		5.0	0.53	ug/L		08/22/17 13:59	08/24/17 03:36	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/22/17 13:59	08/24/17 03:36	1
2-Methylphenol	ND		5.0	0.40	ug/L		08/22/17 13:59	08/24/17 03:36	1
2-Nitroaniline	ND		10	0.42	ug/L		08/22/17 13:59	08/24/17 03:36	1
2-Nitrophenol	ND		5.0	0.48	ug/L		08/22/17 13:59	08/24/17 03:36	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		08/22/17 13:59	08/24/17 03:36	1
3-Nitroaniline	ND		10	0.48	ug/L		08/22/17 13:59	08/24/17 03:36	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		08/22/17 13:59	08/24/17 03:36	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		08/22/17 13:59	08/24/17 03:36	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		08/22/17 13:59	08/24/17 03:36	1
4-Chloroaniline	ND		5.0	0.59	ug/L		08/22/17 13:59	08/24/17 03:36	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		08/22/17 13:59	08/24/17 03:36	1
4-Methylphenol	4.6	J	10	0.36	ug/L		08/22/17 13:59	08/24/17 03:36	1
4-Nitroaniline	ND		10	0.25	ug/L		08/22/17 13:59	08/24/17 03:36	1
4-Nitrophenol	ND		10	1.5	ug/L		08/22/17 13:59	08/24/17 03:36	1
Acenaphthene	ND		5.0	0.41	ug/L		08/22/17 13:59	08/24/17 03:36	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/22/17 13:59	08/24/17 03:36	1
Acetophenone	ND		5.0	0.54	ug/L		08/22/17 13:59	08/24/17 03:36	1
Anthracene	ND		5.0	0.28	ug/L		08/22/17 13:59	08/24/17 03:36	1
Atrazine	ND		5.0	0.46	ug/L		08/22/17 13:59	08/24/17 03:36	1
Benzaldehyde	ND		5.0	0.27	ug/L		08/22/17 13:59	08/24/17 03:36	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		08/22/17 13:59	08/24/17 03:36	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		08/22/17 13:59	08/24/17 03:36	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		08/22/17 13:59	08/24/17 03:36	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		08/22/17 13:59	08/24/17 03:36	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		08/22/17 13:59	08/24/17 03:36	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		08/22/17 13:59	08/24/17 03:36	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		08/22/17 13:59	08/24/17 03:36	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		08/22/17 13:59	08/24/17 03:36	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		08/22/17 13:59	08/24/17 03:36	1
Caprolactam	ND		5.0	2.2	ug/L		08/22/17 13:59	08/24/17 03:36	1
Carbazole	ND		5.0	0.30	ug/L		08/22/17 13:59	08/24/17 03:36	1
Chrysene	ND		5.0	0.33	ug/L		08/22/17 13:59	08/24/17 03:36	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		08/22/17 13:59	08/24/17 03:36	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123019-1

Client Sample ID: NS-LPZ-07S-GW

Lab Sample ID: 480-123019-5

Date Collected: 08/21/17 15:30

Matrix: Water

Date Received: 08/21/17 16:20

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		08/22/17 13:59	08/24/17 03:36	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/22/17 13:59	08/24/17 03:36	1
Dibenzofuran	ND		10	0.51	ug/L		08/22/17 13:59	08/24/17 03:36	1
Diethyl phthalate	ND		5.0	0.22	ug/L		08/22/17 13:59	08/24/17 03:36	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		08/22/17 13:59	08/24/17 03:36	1
Fluoranthene	ND		5.0	0.40	ug/L		08/22/17 13:59	08/24/17 03:36	1
Fluorene	ND		5.0	0.36	ug/L		08/22/17 13:59	08/24/17 03:36	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		08/22/17 13:59	08/24/17 03:36	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		08/22/17 13:59	08/24/17 03:36	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		08/22/17 13:59	08/24/17 03:36	1
Hexachloroethane	ND		5.0	0.59	ug/L		08/22/17 13:59	08/24/17 03:36	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		08/22/17 13:59	08/24/17 03:36	1
Isophorone	ND		5.0	0.43	ug/L		08/22/17 13:59	08/24/17 03:36	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		08/22/17 13:59	08/24/17 03:36	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		08/22/17 13:59	08/24/17 03:36	1
Naphthalene	ND		5.0	0.76	ug/L		08/22/17 13:59	08/24/17 03:36	1
Nitrobenzene	ND		5.0	0.29	ug/L		08/22/17 13:59	08/24/17 03:36	1
Pentachlorophenol	ND		10	2.2	ug/L		08/22/17 13:59	08/24/17 03:36	1
Phenanthrene	ND		5.0	0.44	ug/L		08/22/17 13:59	08/24/17 03:36	1
Phenol	ND		5.0	0.39	ug/L		08/22/17 13:59	08/24/17 03:36	1
Pyrene	ND		5.0	0.34	ug/L		08/22/17 13:59	08/24/17 03:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	102		41 - 120	08/22/17 13:59	08/24/17 03:36	1
2-Fluorobiphenyl	88		48 - 120	08/22/17 13:59	08/24/17 03:36	1
2-Fluorophenol	68		35 - 120	08/22/17 13:59	08/24/17 03:36	1
Nitrobenzene-d5	95		46 - 120	08/22/17 13:59	08/24/17 03:36	1
p-Terphenyl-d14	69		59 - 136	08/22/17 13:59	08/24/17 03:36	1
Phenol-d5	50		22 - 120	08/22/17 13:59	08/24/17 03:36	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		08/22/17 14:16	08/24/17 13:30	1
4,4'-DDE	ND		0.050	0.012	ug/L		08/22/17 14:16	08/24/17 13:30	1
4,4'-DDT	ND		0.050	0.011	ug/L		08/22/17 14:16	08/24/17 13:30	1
Aldrin	ND		0.050	0.0081	ug/L		08/22/17 14:16	08/24/17 13:30	1
alpha-BHC	0.021	J	0.050	0.0077	ug/L		08/22/17 14:16	08/24/17 13:30	1
alpha-Chlordane	ND		0.050	0.015	ug/L		08/22/17 14:16	08/24/17 13:30	1
beta-BHC	ND		0.050	0.025	ug/L		08/22/17 14:16	08/24/17 13:30	1
delta-BHC	0.014	J	0.050	0.010	ug/L		08/22/17 14:16	08/24/17 13:30	1
Dieldrin	ND		0.050	0.0098	ug/L		08/22/17 14:16	08/24/17 13:30	1
Endosulfan I	ND		0.050	0.011	ug/L		08/22/17 14:16	08/24/17 13:30	1
Endosulfan II	ND		0.050	0.012	ug/L		08/22/17 14:16	08/24/17 13:30	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		08/22/17 14:16	08/24/17 13:30	1
Endrin	ND		0.050	0.014	ug/L		08/22/17 14:16	08/24/17 13:30	1
Endrin aldehyde	ND		0.050	0.016	ug/L		08/22/17 14:16	08/24/17 13:30	1
Endrin ketone	ND		0.050	0.012	ug/L		08/22/17 14:16	08/24/17 13:30	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		08/22/17 14:16	08/24/17 13:30	1
gamma-Chlordane	ND		0.050	0.011	ug/L		08/22/17 14:16	08/24/17 13:30	1
Heptachlor	ND		0.050	0.0085	ug/L		08/22/17 14:16	08/24/17 13:30	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123019-1

Client Sample ID: NS-LPZ-07S-GW

Lab Sample ID: 480-123019-5

Date Collected: 08/21/17 15:30

Matrix: Water

Date Received: 08/21/17 16:20

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		0.050	0.0074	ug/L		08/22/17 14:16	08/24/17 13:30	1
Methoxychlor	ND		0.050	0.014	ug/L		08/22/17 14:16	08/24/17 13:30	1
Toxaphene	ND		0.50	0.12	ug/L		08/22/17 14:16	08/24/17 13:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	64		20 - 120				08/22/17 14:16	08/24/17 13:30	1
DCB Decachlorobiphenyl	51		20 - 120				08/22/17 14:16	08/24/17 13:30	1
Tetrachloro-m-xylene	93		44 - 120				08/22/17 14:16	08/24/17 13:30	1
Tetrachloro-m-xylene	79		44 - 120				08/22/17 14:16	08/24/17 13:30	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		08/23/17 14:55	08/24/17 18:34	1
PCB-1221	ND		0.50	0.18	ug/L		08/23/17 14:55	08/24/17 18:34	1
PCB-1232	ND		0.50	0.18	ug/L		08/23/17 14:55	08/24/17 18:34	1
PCB-1242	ND		0.50	0.18	ug/L		08/23/17 14:55	08/24/17 18:34	1
PCB-1248	ND		0.50	0.18	ug/L		08/23/17 14:55	08/24/17 18:34	1
PCB-1254	ND		0.50	0.25	ug/L		08/23/17 14:55	08/24/17 18:34	1
PCB-1260	ND		0.50	0.25	ug/L		08/23/17 14:55	08/24/17 18:34	1
PCB-1262	ND		0.50	0.25	ug/L		08/23/17 14:55	08/24/17 18:34	1
PCB-1268	ND		0.50	0.25	ug/L		08/23/17 14:55	08/24/17 18:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	93		39 - 121				08/23/17 14:55	08/24/17 18:34	1
Tetrachloro-m-xylene	77		39 - 121				08/23/17 14:55	08/24/17 18:34	1
DCB Decachlorobiphenyl	64		19 - 120				08/23/17 14:55	08/24/17 18:34	1
DCB Decachlorobiphenyl	59		19 - 120				08/23/17 14:55	08/24/17 18:34	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/25/17 11:14	08/25/17 17:12	1
Antimony	ND		0.020	0.0068	mg/L		08/25/17 11:14	08/25/17 17:12	1
Arsenic	ND		0.015	0.0056	mg/L		08/25/17 11:14	08/25/17 17:12	1
Barium	0.033		0.0020	0.00070	mg/L		08/25/17 11:14	08/25/17 17:12	1
Beryllium	ND		0.0020	0.00030	mg/L		08/25/17 11:14	08/25/17 17:12	1
Cadmium	ND		0.0020	0.00050	mg/L		08/25/17 11:14	08/25/17 17:12	1
Calcium	594		0.50	0.10	mg/L		08/25/17 11:14	08/25/17 17:12	1
Chromium	ND		0.0040	0.0010	mg/L		08/25/17 11:14	08/25/17 17:12	1
Cobalt	0.0026	J	0.0040	0.00063	mg/L		08/25/17 11:14	08/25/17 17:12	1
Copper	0.0018	J	0.010	0.0016	mg/L		08/25/17 11:14	08/25/17 17:12	1
Iron	3.5		0.050	0.019	mg/L		08/25/17 11:14	08/25/17 17:12	1
Lead	ND		0.10	0.030	mg/L		08/25/17 11:14	08/28/17 16:42	10
Magnesium	131		0.20	0.043	mg/L		08/25/17 11:14	08/25/17 17:12	1
Manganese	1.3	B	0.0030	0.00040	mg/L		08/25/17 11:14	08/25/17 17:12	1
Nickel	0.0055	J	0.010	0.0013	mg/L		08/25/17 11:14	08/25/17 17:12	1
Potassium	12.4		0.50	0.10	mg/L		08/25/17 11:14	08/25/17 17:12	1
Selenium	ND		0.025	0.0087	mg/L		08/25/17 11:14	08/25/17 17:12	1
Silver	ND		0.0060	0.0017	mg/L		08/25/17 11:14	08/25/17 17:12	1
Sodium	45.7		1.0	0.32	mg/L		08/25/17 11:14	08/25/17 17:12	1
Thallium	ND		0.020	0.010	mg/L		08/25/17 11:14	08/25/17 17:12	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123019-1

Client Sample ID: NS-LPZ-07S-GW

Lab Sample ID: 480-123019-5

Date Collected: 08/21/17 15:30

Matrix: Water

Date Received: 08/21/17 16:20

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	ND		0.0050	0.0015	mg/L		08/25/17 11:14	08/25/17 17:12	1
Zinc	0.0092	J	0.010	0.0015	mg/L		08/25/17 11:14	08/25/17 17:12	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/25/17 08:00	08/25/17 20:06	1
Antimony	ND		0.020	0.0068	mg/L		08/25/17 08:00	08/25/17 20:06	1
Arsenic	ND		0.015	0.0056	mg/L		08/25/17 08:00	08/25/17 20:06	1
Barium	0.029		0.0020	0.00070	mg/L		08/25/17 08:00	08/25/17 20:06	1
Beryllium	ND		0.0020	0.00030	mg/L		08/25/17 08:00	08/25/17 20:06	1
Cadmium	ND		0.0020	0.00050	mg/L		08/25/17 08:00	08/25/17 20:06	1
Calcium	553		0.50	0.10	mg/L		08/25/17 08:00	08/25/17 20:06	1
Chromium	ND		0.0040	0.0010	mg/L		08/25/17 08:00	08/25/17 20:06	1
Cobalt	0.0024	J	0.0040	0.00063	mg/L		08/25/17 08:00	08/25/17 20:06	1
Copper	0.0049	J B	0.010	0.0016	mg/L		08/25/17 08:00	08/25/17 20:06	1
Iron	0.12		0.050	0.019	mg/L		08/25/17 08:00	08/25/17 20:06	1
Lead	ND		0.10	0.030	mg/L		08/25/17 08:00	08/28/17 15:31	10
Magnesium	123		0.20	0.043	mg/L		08/25/17 08:00	08/25/17 20:06	1
Manganese	1.2	B	0.0030	0.00040	mg/L		08/25/17 08:00	08/25/17 20:06	1
Nickel	0.0059	J	0.010	0.0013	mg/L		08/25/17 08:00	08/25/17 20:06	1
Potassium	11.6		0.50	0.10	mg/L		08/25/17 08:00	08/25/17 20:06	1
Selenium	ND		0.025	0.0087	mg/L		08/25/17 08:00	08/25/17 20:06	1
Silver	ND		0.0060	0.0017	mg/L		08/25/17 08:00	08/25/17 20:06	1
Sodium	42.6		1.0	0.32	mg/L		08/25/17 08:00	08/25/17 20:06	1
Thallium	ND		0.020	0.010	mg/L		08/25/17 08:00	08/25/17 20:06	1
Vanadium	ND		0.0050	0.0015	mg/L		08/25/17 08:00	08/25/17 20:06	1
Zinc	0.010	B	0.010	0.0015	mg/L		08/31/17 10:49	08/31/17 17:28	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/24/17 10:50	08/24/17 14:22	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/25/17 11:35	08/25/17 15:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	29.8		5.0	2.8	mg/L			08/25/17 18:13	10
Sulfate	1380		100	17.5	mg/L			08/28/17 15:06	50
Alkalinity, Total	712		5.0	0.79	mg/L			08/24/17 17:17	1

TestAmerica Buffalo

Well LPZ-08S

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123342-1

Client Sample ID: NS-LPZ08S-GW

Lab Sample ID: 480-123342-4

Date Collected: 08/29/17 11:50

Matrix: Water

Date Received: 08/29/17 15:55

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/31/17 03:52	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/31/17 03:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/31/17 03:52	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/31/17 03:52	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/31/17 03:52	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/31/17 03:52	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/31/17 03:52	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/31/17 03:52	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/31/17 03:52	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/31/17 03:52	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/31/17 03:52	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/31/17 03:52	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/31/17 03:52	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/31/17 03:52	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/31/17 03:52	1
2-Hexanone	ND		5.0	1.2	ug/L			08/31/17 03:52	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/31/17 03:52	1
Acetone	5.6	J	10	3.0	ug/L			08/31/17 03:52	1
Benzene	ND		1.0	0.41	ug/L			08/31/17 03:52	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/31/17 03:52	1
Bromoform	ND		1.0	0.26	ug/L			08/31/17 03:52	1
Bromomethane	ND		1.0	0.69	ug/L			08/31/17 03:52	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/31/17 03:52	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/31/17 03:52	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/31/17 03:52	1
Chloroethane	ND		1.0	0.32	ug/L			08/31/17 03:52	1
Chloroform	ND		1.0	0.34	ug/L			08/31/17 03:52	1
Chloromethane	ND		1.0	0.35	ug/L			08/31/17 03:52	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/31/17 03:52	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/31/17 03:52	1
Cyclohexane	ND		1.0	0.18	ug/L			08/31/17 03:52	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/31/17 03:52	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/31/17 03:52	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/31/17 03:52	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/31/17 03:52	1
Methyl acetate	ND		2.5	1.3	ug/L			08/31/17 03:52	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/31/17 03:52	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/31/17 03:52	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/31/17 03:52	1
Styrene	ND		1.0	0.73	ug/L			08/31/17 03:52	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/31/17 03:52	1
Toluene	12		1.0	0.51	ug/L			08/31/17 03:52	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/31/17 03:52	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/31/17 03:52	1
Trichloroethene	ND		1.0	0.46	ug/L			08/31/17 03:52	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/31/17 03:52	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/31/17 03:52	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/31/17 03:52	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123342-1

Client Sample ID: NS-LPZ08S-GW

Lab Sample ID: 480-123342-4

Date Collected: 08/29/17 11:50

Matrix: Water

Date Received: 08/29/17 15:55

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		77 - 120		08/31/17 03:52	1
4-Bromofluorobenzene (Surr)	95		73 - 120		08/31/17 03:52	1
Toluene-d8 (Surr)	98		80 - 120		08/31/17 03:52	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		08/30/17 07:49	08/31/17 17:37	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		08/30/17 07:49	08/31/17 17:37	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		08/30/17 07:49	08/31/17 17:37	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		08/30/17 07:49	08/31/17 17:37	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		08/30/17 07:49	08/31/17 17:37	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		08/30/17 07:49	08/31/17 17:37	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		08/30/17 07:49	08/31/17 17:37	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		08/30/17 07:49	08/31/17 17:37	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		08/30/17 07:49	08/31/17 17:37	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		08/30/17 07:49	08/31/17 17:37	1
2-Chlorophenol	ND		5.0	0.53	ug/L		08/30/17 07:49	08/31/17 17:37	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/30/17 07:49	08/31/17 17:37	1
2-Methylphenol	1.8	J	5.0	0.40	ug/L		08/30/17 07:49	08/31/17 17:37	1
2-Nitroaniline	ND		10	0.42	ug/L		08/30/17 07:49	08/31/17 17:37	1
2-Nitrophenol	ND		5.0	0.48	ug/L		08/30/17 07:49	08/31/17 17:37	1
3,3'-Dichlorobenzidine	ND	*	5.0	0.40	ug/L		08/30/17 07:49	08/31/17 17:37	1
3-Nitroaniline	ND		10	0.48	ug/L		08/30/17 07:49	08/31/17 17:37	1
4,6-Dinitro-2-methylphenol	ND	*	10	2.2	ug/L		08/30/17 07:49	08/31/17 17:37	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		08/30/17 07:49	08/31/17 17:37	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		08/30/17 07:49	08/31/17 17:37	1
4-Chloroaniline	ND		5.0	0.59	ug/L		08/30/17 07:49	08/31/17 17:37	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		08/30/17 07:49	08/31/17 17:37	1
4-Methylphenol	13		10	0.36	ug/L		08/30/17 07:49	08/31/17 17:37	1
4-Nitroaniline	ND		10	0.25	ug/L		08/30/17 07:49	08/31/17 17:37	1
4-Nitrophenol	ND		10	1.5	ug/L		08/30/17 07:49	08/31/17 17:37	1
Acenaphthene	ND		5.0	0.41	ug/L		08/30/17 07:49	08/31/17 17:37	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/30/17 07:49	08/31/17 17:37	1
Acetophenone	ND		5.0	0.54	ug/L		08/30/17 07:49	08/31/17 17:37	1
Anthracene	ND		5.0	0.28	ug/L		08/30/17 07:49	08/31/17 17:37	1
Atrazine	ND		5.0	0.46	ug/L		08/30/17 07:49	08/31/17 17:37	1
Benzaldehyde	0.62	J	5.0	0.27	ug/L		08/30/17 07:49	08/31/17 17:37	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		08/30/17 07:49	08/31/17 17:37	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		08/30/17 07:49	08/31/17 17:37	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		08/30/17 07:49	08/31/17 17:37	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		08/30/17 07:49	08/31/17 17:37	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		08/30/17 07:49	08/31/17 17:37	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		08/30/17 07:49	08/31/17 17:37	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		08/30/17 07:49	08/31/17 17:37	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		08/30/17 07:49	08/31/17 17:37	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		08/30/17 07:49	08/31/17 17:37	1
Caprolactam	ND		5.0	2.2	ug/L		08/30/17 07:49	08/31/17 17:37	1
Carbazole	ND		5.0	0.30	ug/L		08/30/17 07:49	08/31/17 17:37	1
Chrysene	ND		5.0	0.33	ug/L		08/30/17 07:49	08/31/17 17:37	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		08/30/17 07:49	08/31/17 17:37	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123342-1

Client Sample ID: NS-LPZ08S-GW

Lab Sample ID: 480-123342-4

Date Collected: 08/29/17 11:50

Matrix: Water

Date Received: 08/29/17 15:55

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		08/30/17 07:49	08/31/17 17:37	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/30/17 07:49	08/31/17 17:37	1
Dibenzofuran	ND		10	0.51	ug/L		08/30/17 07:49	08/31/17 17:37	1
Diethyl phthalate	ND		5.0	0.22	ug/L		08/30/17 07:49	08/31/17 17:37	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		08/30/17 07:49	08/31/17 17:37	1
Fluoranthene	ND		5.0	0.40	ug/L		08/30/17 07:49	08/31/17 17:37	1
Fluorene	ND		5.0	0.36	ug/L		08/30/17 07:49	08/31/17 17:37	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		08/30/17 07:49	08/31/17 17:37	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		08/30/17 07:49	08/31/17 17:37	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		08/30/17 07:49	08/31/17 17:37	1
Hexachloroethane	ND		5.0	0.59	ug/L		08/30/17 07:49	08/31/17 17:37	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		08/30/17 07:49	08/31/17 17:37	1
Isophorone	ND		5.0	0.43	ug/L		08/30/17 07:49	08/31/17 17:37	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		08/30/17 07:49	08/31/17 17:37	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		08/30/17 07:49	08/31/17 17:37	1
Naphthalene	ND		5.0	0.76	ug/L		08/30/17 07:49	08/31/17 17:37	1
Nitrobenzene	ND		5.0	0.29	ug/L		08/30/17 07:49	08/31/17 17:37	1
Pentachlorophenol	ND		10	2.2	ug/L		08/30/17 07:49	08/31/17 17:37	1
Phenanthrene	ND		5.0	0.44	ug/L		08/30/17 07:49	08/31/17 17:37	1
Phenol	1.0	J	5.0	0.39	ug/L		08/30/17 07:49	08/31/17 17:37	1
Pyrene	ND		5.0	0.34	ug/L		08/30/17 07:49	08/31/17 17:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	119		41 - 120	08/30/17 07:49	08/31/17 17:37	1
2-Fluorobiphenyl	98		48 - 120	08/30/17 07:49	08/31/17 17:37	1
2-Fluorophenol	74		35 - 120	08/30/17 07:49	08/31/17 17:37	1
Nitrobenzene-d5	102		46 - 120	08/30/17 07:49	08/31/17 17:37	1
p-Terphenyl-d14	79		59 - 136	08/30/17 07:49	08/31/17 17:37	1
Phenol-d5	58		22 - 120	08/30/17 07:49	08/31/17 17:37	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.051	0.0094	ug/L		08/30/17 07:58	08/30/17 16:57	1
4,4'-DDE	ND		0.051	0.012	ug/L		08/30/17 07:58	08/30/17 16:57	1
4,4'-DDT	ND		0.051	0.011	ug/L		08/30/17 07:58	08/30/17 16:57	1
Aldrin	ND		0.051	0.0083	ug/L		08/30/17 07:58	08/30/17 16:57	1
alpha-BHC	ND		0.051	0.0079	ug/L		08/30/17 07:58	08/30/17 16:57	1
alpha-Chlordane	ND		0.051	0.015	ug/L		08/30/17 07:58	08/30/17 16:57	1
beta-BHC	0.12		0.051	0.025	ug/L		08/30/17 07:58	08/30/17 16:57	1
delta-BHC	ND		0.051	0.010	ug/L		08/30/17 07:58	08/30/17 16:57	1
Dieldrin	ND		0.051	0.010	ug/L		08/30/17 07:58	08/30/17 16:57	1
Endosulfan I	ND		0.051	0.011	ug/L		08/30/17 07:58	08/30/17 16:57	1
Endosulfan II	ND		0.051	0.012	ug/L		08/30/17 07:58	08/30/17 16:57	1
Endosulfan sulfate	ND		0.051	0.016	ug/L		08/30/17 07:58	08/30/17 16:57	1
Endrin	ND		0.051	0.014	ug/L		08/30/17 07:58	08/30/17 16:57	1
Endrin aldehyde	ND		0.051	0.017	ug/L		08/30/17 07:58	08/30/17 16:57	1
Endrin ketone	ND		0.051	0.012	ug/L		08/30/17 07:58	08/30/17 16:57	1
gamma-BHC (Lindane)	ND		0.051	0.0082	ug/L		08/30/17 07:58	08/30/17 16:57	1
gamma-Chlordane	ND		0.051	0.011	ug/L		08/30/17 07:58	08/30/17 16:57	1
Heptachlor	ND		0.051	0.0087	ug/L		08/30/17 07:58	08/30/17 16:57	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123342-1

Client Sample ID: NS-LPZ08S-GW

Lab Sample ID: 480-123342-4

Date Collected: 08/29/17 11:50

Matrix: Water

Date Received: 08/29/17 15:55

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		0.051	0.0076	ug/L		08/30/17 07:58	08/30/17 16:57	1
Methoxychlor	ND		0.051	0.014	ug/L		08/30/17 07:58	08/30/17 16:57	1
Toxaphene	ND		0.51	0.12	ug/L		08/30/17 07:58	08/30/17 16:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	53		20 - 120				08/30/17 07:58	08/30/17 16:57	1
DCB Decachlorobiphenyl	50		20 - 120				08/30/17 07:58	08/30/17 16:57	1
Tetrachloro-m-xylene	112		44 - 120				08/30/17 07:58	08/30/17 16:57	1
Tetrachloro-m-xylene	127	X	44 - 120				08/30/17 07:58	08/30/17 16:57	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	*	2.5	0.88	ug/L		08/30/17 14:08	08/31/17 18:52	1
PCB-1221	ND		2.5	0.88	ug/L		08/30/17 14:08	08/31/17 18:52	1
PCB-1232	ND		2.5	0.88	ug/L		08/30/17 14:08	08/31/17 18:52	1
PCB-1242	ND		2.5	0.88	ug/L		08/30/17 14:08	08/31/17 18:52	1
PCB-1248	ND		2.5	0.88	ug/L		08/30/17 14:08	08/31/17 18:52	1
PCB-1254	ND		2.5	1.3	ug/L		08/30/17 14:08	08/31/17 18:52	1
PCB-1260	ND	*	2.5	1.3	ug/L		08/30/17 14:08	08/31/17 18:52	1
PCB-1262	ND		2.5	1.3	ug/L		08/30/17 14:08	08/31/17 18:52	1
PCB-1268	ND		2.5	1.3	ug/L		08/30/17 14:08	08/31/17 18:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	101		39 - 121				08/30/17 14:08	08/31/17 18:52	1
Tetrachloro-m-xylene	99		39 - 121				08/30/17 14:08	08/31/17 18:52	1
DCB Decachlorobiphenyl	91		19 - 120				08/30/17 14:08	08/31/17 18:52	1
DCB Decachlorobiphenyl	94		19 - 120				08/30/17 14:08	08/31/17 18:52	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.15	J	0.20	0.060	mg/L		08/30/17 08:26	08/30/17 21:22	1
Antimony	ND		0.020	0.0068	mg/L		08/30/17 08:26	08/30/17 21:22	1
Arsenic	ND		0.015	0.0056	mg/L		08/30/17 08:26	08/30/17 21:22	1
Barium	0.23		0.0020	0.00070	mg/L		08/30/17 08:26	08/30/17 21:22	1
Beryllium	ND		0.0020	0.00030	mg/L		08/30/17 08:26	08/30/17 21:22	1
Cadmium	ND		0.0020	0.00050	mg/L		08/30/17 08:26	08/30/17 21:22	1
Calcium	532		0.50	0.10	mg/L		08/30/17 08:26	08/30/17 21:22	1
Chromium	0.012		0.0040	0.0010	mg/L		08/30/17 08:26	08/30/17 21:22	1
Cobalt	0.0073		0.0040	0.00063	mg/L		08/30/17 08:26	08/30/17 21:22	1
Copper	ND		0.010	0.0016	mg/L		08/30/17 08:26	08/30/17 21:22	1
Iron	21.4		0.050	0.019	mg/L		08/30/17 08:26	08/30/17 21:22	1
Lead	0.0041	J	0.010	0.0030	mg/L		08/30/17 08:26	08/30/17 21:22	1
Magnesium	128		0.20	0.043	mg/L		08/30/17 08:26	08/30/17 21:22	1
Manganese	3.8	B	0.0030	0.00040	mg/L		08/30/17 08:26	08/30/17 21:22	1
Nickel	0.013		0.010	0.0013	mg/L		08/30/17 08:26	08/30/17 21:22	1
Potassium	14.4		0.50	0.10	mg/L		08/30/17 08:26	08/30/17 21:22	1
Selenium	ND		0.025	0.0087	mg/L		08/30/17 08:26	08/30/17 21:22	1
Silver	ND		0.0060	0.0017	mg/L		08/30/17 08:26	08/30/17 21:22	1
Sodium	98.7		1.0	0.32	mg/L		08/30/17 08:26	08/30/17 21:22	1
Thallium	ND		0.020	0.010	mg/L		08/30/17 08:26	08/30/17 21:22	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123342-1

Client Sample ID: NS-LPZ08S-GW

Lab Sample ID: 480-123342-4

Date Collected: 08/29/17 11:50

Matrix: Water

Date Received: 08/29/17 15:55

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	0.0032	J	0.0050	0.0015	mg/L		08/30/17 08:26	08/30/17 21:22	1
Zinc	0.0077	J	0.010	0.0015	mg/L		08/30/17 08:26	08/30/17 21:22	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/31/17 10:49	08/31/17 18:25	1
Antimony	ND		0.020	0.0068	mg/L		08/31/17 10:49	08/31/17 18:25	1
Arsenic	ND		0.015	0.0056	mg/L		08/31/17 10:49	08/31/17 18:25	1
Barium	0.14		0.0020	0.00070	mg/L		08/31/17 10:49	08/31/17 18:25	1
Beryllium	ND		0.0020	0.00030	mg/L		08/31/17 10:49	08/31/17 18:25	1
Cadmium	0.00073	J	0.0020	0.00050	mg/L		08/31/17 10:49	08/31/17 18:25	1
Calcium	551		0.50	0.10	mg/L		08/31/17 10:49	08/31/17 18:25	1
Chromium	0.0039	J	0.0040	0.0010	mg/L		08/31/17 10:49	08/31/17 18:25	1
Cobalt	0.0090		0.0040	0.00063	mg/L		08/31/17 10:49	08/31/17 18:25	1
Copper	0.0041	J	0.010	0.0016	mg/L		08/31/17 10:49	08/31/17 18:25	1
Iron	2.4		0.050	0.019	mg/L		08/31/17 10:49	08/31/17 18:25	1
Lead	ND		0.010	0.0030	mg/L		08/31/17 10:49	08/31/17 18:25	1
Magnesium	150		0.20	0.043	mg/L		08/31/17 10:49	08/31/17 18:25	1
Manganese	4.2	B	0.0030	0.00040	mg/L		08/31/17 10:49	08/31/17 18:25	1
Nickel	0.013		0.010	0.0013	mg/L		08/31/17 10:49	08/31/17 18:25	1
Potassium	15.4		0.50	0.10	mg/L		08/31/17 10:49	08/31/17 18:25	1
Selenium	ND		0.025	0.0087	mg/L		08/31/17 10:49	08/31/17 18:25	1
Silver	ND		0.0060	0.0017	mg/L		08/31/17 10:49	08/31/17 18:25	1
Sodium	107		1.0	0.32	mg/L		08/31/17 10:49	08/31/17 18:25	1
Thallium	ND		0.020	0.010	mg/L		08/31/17 10:49	08/31/17 18:25	1
Vanadium	ND		0.0050	0.0015	mg/L		08/31/17 10:49	08/31/17 18:25	1
Zinc	0.025	B	0.010	0.0015	mg/L		08/31/17 10:49	08/31/17 18:25	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/30/17 10:55	08/30/17 15:10	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/01/17 10:55	09/01/17 15:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	117		5.0	2.8	mg/L			08/30/17 15:27	10
Sulfate	812		20.0	3.5	mg/L			08/30/17 15:27	10
Alkalinity, Total	1150		5.0	0.79	mg/L			08/30/17 17:33	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161562-1

Client Sample ID: LPZ-08S

Lab Sample ID: 480-161562-8

Date Collected: 10/24/19 14:45

Matrix: Water

Date Received: 10/24/19 17:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			11/04/19 14:53	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			11/04/19 14:53	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			11/04/19 14:53	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			11/04/19 14:53	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			11/04/19 14:53	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			11/04/19 14:53	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			11/04/19 14:53	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			11/04/19 14:53	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			11/04/19 14:53	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			11/04/19 14:53	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			11/04/19 14:53	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			11/04/19 14:53	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			11/04/19 14:53	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			11/04/19 14:53	4
2-Butanone (MEK)	ND		40	5.3	ug/L			11/04/19 14:53	4
2-Hexanone	ND		20	5.0	ug/L			11/04/19 14:53	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			11/04/19 14:53	4
Acetone	ND		40	12	ug/L			11/04/19 14:53	4
Benzene	ND		4.0	1.6	ug/L			11/04/19 14:53	4
Bromodichloromethane	ND		4.0	1.6	ug/L			11/04/19 14:53	4
Bromoform	ND		4.0	1.0	ug/L			11/04/19 14:53	4
Bromomethane	ND		4.0	2.8	ug/L			11/04/19 14:53	4
Carbon disulfide	ND		4.0	0.76	ug/L			11/04/19 14:53	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			11/04/19 14:53	4
Chlorobenzene	ND		4.0	3.0	ug/L			11/04/19 14:53	4
Chloroethane	ND		4.0	1.3	ug/L			11/04/19 14:53	4
Chloroform	ND		4.0	1.4	ug/L			11/04/19 14:53	4
Chloromethane	ND		4.0	1.4	ug/L			11/04/19 14:53	4
cis-1,2-Dichloroethene	ND		4.0	3.2	ug/L			11/04/19 14:53	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			11/04/19 14:53	4
Cyclohexane	ND		4.0	0.72	ug/L			11/04/19 14:53	4
Dibromochloromethane	ND		4.0	1.3	ug/L			11/04/19 14:53	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			11/04/19 14:53	4
Ethylbenzene	ND		4.0	3.0	ug/L			11/04/19 14:53	4
Isopropylbenzene	ND		4.0	3.2	ug/L			11/04/19 14:53	4
Methyl acetate	ND		10	5.2	ug/L			11/04/19 14:53	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			11/04/19 14:53	4
Methylcyclohexane	ND		4.0	0.64	ug/L			11/04/19 14:53	4
Methylene Chloride	ND		4.0	1.8	ug/L			11/04/19 14:53	4
Styrene	ND		4.0	2.9	ug/L			11/04/19 14:53	4
Tetrachloroethene	ND		4.0	1.4	ug/L			11/04/19 14:53	4
Toluene	ND		4.0	2.0	ug/L			11/04/19 14:53	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			11/04/19 14:53	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			11/04/19 14:53	4
Trichloroethene	ND		4.0	1.8	ug/L			11/04/19 14:53	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			11/04/19 14:53	4
Vinyl chloride	ND		4.0	3.6	ug/L			11/04/19 14:53	4
Xylenes, Total	ND		8.0	2.6	ug/L			11/04/19 14:53	4
t-Butyl alcohol	ND		40	13	ug/L			11/04/19 14:53	4

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161562-1

Client Sample ID: LPZ-08S

Lab Sample ID: 480-161562-8

Date Collected: 10/24/19 14:45

Matrix: Water

Date Received: 10/24/19 17:25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		11/04/19 14:53	4
4-Bromofluorobenzene (Surr)	100		73 - 120		11/04/19 14:53	4
Dibromofluoromethane (Surr)	104		75 - 123		11/04/19 14:53	4
Toluene-d8 (Surr)	93		80 - 120		11/04/19 14:53	4

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND	F2	5.0	0.48	ug/L		10/28/19 15:00	10/29/19 20:13	1
2,4,6-Trichlorophenol	ND	F1 F2	5.0	0.61	ug/L		10/28/19 15:00	10/29/19 20:13	1
2,4-Dichlorophenol	ND	F2	5.0	0.51	ug/L		10/28/19 15:00	10/29/19 20:13	1
2,4-Dimethylphenol	ND	F2	5.0	0.50	ug/L		10/28/19 15:00	10/29/19 20:13	1
2,4-Dinitrophenol	ND	F2	10	2.2	ug/L		10/28/19 15:00	10/29/19 20:13	1
2,4-Dinitrotoluene	ND	F2	5.0	0.45	ug/L		10/28/19 15:00	10/29/19 20:13	1
2,6-Dinitrotoluene	ND	F2	5.0	0.40	ug/L		10/28/19 15:00	10/29/19 20:13	1
2-Chloronaphthalene	ND	F2	5.0	0.46	ug/L		10/28/19 15:00	10/29/19 20:13	1
2-Chlorophenol	ND	F2	5.0	0.53	ug/L		10/28/19 15:00	10/29/19 20:13	1
2-Methylnaphthalene	ND	F2	5.0	0.60	ug/L		10/28/19 15:00	10/29/19 20:13	1
2-Methylphenol	ND	F2	5.0	0.40	ug/L		10/28/19 15:00	10/29/19 20:13	1
2-Nitroaniline	ND	F2	10	0.42	ug/L		10/28/19 15:00	10/29/19 20:13	1
2-Nitrophenol	ND	F2	5.0	0.48	ug/L		10/28/19 15:00	10/29/19 20:13	1
3,3'-Dichlorobenzidine	ND	F2	5.0	0.40	ug/L		10/28/19 15:00	10/29/19 20:13	1
3-Nitroaniline	ND	F2	10	0.48	ug/L		10/28/19 15:00	10/29/19 20:13	1
4,6-Dinitro-2-methylphenol	ND	F2	10	2.2	ug/L		10/28/19 15:00	10/29/19 20:13	1
4-Bromophenyl phenyl ether	ND	F2	5.0	0.45	ug/L		10/28/19 15:00	10/29/19 20:13	1
4-Chloro-3-methylphenol	ND	F2	5.0	0.45	ug/L		10/28/19 15:00	10/29/19 20:13	1
4-Chloroaniline	ND	F2	5.0	0.59	ug/L		10/28/19 15:00	10/29/19 20:13	1
4-Chlorophenyl phenyl ether	ND	F2	5.0	0.35	ug/L		10/28/19 15:00	10/29/19 20:13	1
4-Methylphenol	ND	F2	10	0.36	ug/L		10/28/19 15:00	10/29/19 20:13	1
4-Nitroaniline	ND	F2	10	0.25	ug/L		10/28/19 15:00	10/29/19 20:13	1
4-Nitrophenol	ND	F2	10	1.5	ug/L		10/28/19 15:00	10/29/19 20:13	1
Acenaphthene	ND	F2	5.0	0.41	ug/L		10/28/19 15:00	10/29/19 20:13	1
Acenaphthylene	ND	F2	5.0	0.38	ug/L		10/28/19 15:00	10/29/19 20:13	1
Acetophenone	ND	F2	5.0	0.54	ug/L		10/28/19 15:00	10/29/19 20:13	1
Anthracene	ND	F2	5.0	0.28	ug/L		10/28/19 15:00	10/29/19 20:13	1
Atrazine	ND	* F2	5.0	0.46	ug/L		10/28/19 15:00	10/29/19 20:13	1
Benzaldehyde	ND	F2	5.0	0.27	ug/L		10/28/19 15:00	10/29/19 20:13	1
Benzo(a)anthracene	ND	* F2	5.0	0.36	ug/L		10/28/19 15:00	10/29/19 20:13	1
Benzo(a)pyrene	ND	F2	5.0	0.47	ug/L		10/28/19 15:00	10/29/19 20:13	1
Benzo(b)fluoranthene	ND	F2	5.0	0.34	ug/L		10/28/19 15:00	10/29/19 20:13	1
Benzo(g,h,i)perylene	ND	F2	5.0	0.35	ug/L		10/28/19 15:00	10/29/19 20:13	1
Benzo(k)fluoranthene	ND	F2	5.0	0.73	ug/L		10/28/19 15:00	10/29/19 20:13	1
Benzoic acid	ND	F2	150	100	ug/L		10/28/19 15:00	10/29/19 20:13	1
Biphenyl	ND	F2	5.0	0.65	ug/L		10/28/19 15:00	10/29/19 20:13	1
bis (2-chloroisopropyl) ether	ND	F2	5.0	0.52	ug/L		10/28/19 15:00	10/29/19 20:13	1
Bis(2-chloroethoxy)methane	ND	F2	5.0	0.35	ug/L		10/28/19 15:00	10/29/19 20:13	1
Bis(2-chloroethyl)ether	ND	F2	5.0	0.40	ug/L		10/28/19 15:00	10/29/19 20:13	1
Bis(2-ethylhexyl) phthalate	ND	F2	5.0	2.2	ug/L		10/28/19 15:00	10/29/19 20:13	1
Butyl benzyl phthalate	ND	F2	5.0	1.0	ug/L		10/28/19 15:00	10/29/19 20:13	1
Caprolactam	ND	F2	5.0	2.2	ug/L		10/28/19 15:00	10/29/19 20:13	1
Carbazole	ND	F2	5.0	0.30	ug/L		10/28/19 15:00	10/29/19 20:13	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161562-1

Client Sample ID: LPZ-08S

Lab Sample ID: 480-161562-8

Date Collected: 10/24/19 14:45

Matrix: Water

Date Received: 10/24/19 17:25

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND	F2	5.0	0.33	ug/L		10/28/19 15:00	10/29/19 20:13	1
Dibenz(a,h)anthracene	ND	F2	5.0	0.42	ug/L		10/28/19 15:00	10/29/19 20:13	1
Dibenzofuran	ND	F2	10	0.51	ug/L		10/28/19 15:00	10/29/19 20:13	1
Diethyl phthalate	ND	F2	5.0	0.22	ug/L		10/28/19 15:00	10/29/19 20:13	1
Dimethyl phthalate	ND	F2	5.0	0.36	ug/L		10/28/19 15:00	10/29/19 20:13	1
Di-n-butyl phthalate	ND	F2	5.0	0.31	ug/L		10/28/19 15:00	10/29/19 20:13	1
Di-n-octyl phthalate	ND	F2	5.0	0.47	ug/L		10/28/19 15:00	10/29/19 20:13	1
Fluoranthene	ND	F2	5.0	0.40	ug/L		10/28/19 15:00	10/29/19 20:13	1
Fluorene	ND	F2	5.0	0.36	ug/L		10/28/19 15:00	10/29/19 20:13	1
Hexachlorobenzene	ND	F2	5.0	0.51	ug/L		10/28/19 15:00	10/29/19 20:13	1
Hexachlorobutadiene	ND	F2	5.0	0.68	ug/L		10/28/19 15:00	10/29/19 20:13	1
Hexachlorocyclopentadiene	ND	F2	5.0	0.59	ug/L		10/28/19 15:00	10/29/19 20:13	1
Hexachloroethane	ND	F2	5.0	0.59	ug/L		10/28/19 15:00	10/29/19 20:13	1
Indeno(1,2,3-cd)pyrene	ND	F2	5.0	0.47	ug/L		10/28/19 15:00	10/29/19 20:13	1
Isophorone	ND	F2	5.0	0.43	ug/L		10/28/19 15:00	10/29/19 20:13	1
Naphthalene	ND	F2	5.0	0.76	ug/L		10/28/19 15:00	10/29/19 20:13	1
Nitrobenzene	ND	F2	5.0	0.29	ug/L		10/28/19 15:00	10/29/19 20:13	1
N-Nitrosodi-n-propylamine	ND	F2	5.0	0.54	ug/L		10/28/19 15:00	10/29/19 20:13	1
N-Nitrosodiphenylamine	ND	F2	5.0	0.51	ug/L		10/28/19 15:00	10/29/19 20:13	1
Pentachlorophenol	ND	F2	10	2.2	ug/L		10/28/19 15:00	10/29/19 20:13	1
Phenanthrene	ND	F2	5.0	0.44	ug/L		10/28/19 15:00	10/29/19 20:13	1
Phenol	ND	F2	5.0	0.39	ug/L		10/28/19 15:00	10/29/19 20:13	1
Pyrene	ND	* F2	5.0	0.34	ug/L		10/28/19 15:00	10/29/19 20:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	117		41 - 120	10/28/19 15:00	10/29/19 20:13	1
2-Fluorobiphenyl	115		48 - 120	10/28/19 15:00	10/29/19 20:13	1
2-Fluorophenol	73		35 - 120	10/28/19 15:00	10/29/19 20:13	1
Nitrobenzene-d5	96		46 - 120	10/28/19 15:00	10/29/19 20:13	1
Phenol-d5	56		22 - 120	10/28/19 15:00	10/29/19 20:13	1
p-Terphenyl-d14	93		60 - 148	10/28/19 15:00	10/29/19 20:13	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.25	0.046	ug/L		10/29/19 15:41	10/30/19 12:44	1
4,4'-DDE	ND		0.25	0.058	ug/L		10/29/19 15:41	10/30/19 12:44	1
4,4'-DDT	ND		0.25	0.055	ug/L		10/29/19 15:41	10/30/19 12:44	1
Aldrin	ND		0.25	0.041	ug/L		10/29/19 15:41	10/30/19 12:44	1
alpha-BHC	ND		0.25	0.039	ug/L		10/29/19 15:41	10/30/19 12:44	1
cis-Chlordane	ND		0.25	0.074	ug/L		10/29/19 15:41	10/30/19 12:44	1
beta-BHC	ND		0.25	0.12	ug/L		10/29/19 15:41	10/30/19 12:44	1
delta-BHC	ND		0.25	0.050	ug/L		10/29/19 15:41	10/30/19 12:44	1
Dieldrin	ND		0.25	0.049	ug/L		10/29/19 15:41	10/30/19 12:44	1
Endosulfan I	ND		0.25	0.055	ug/L		10/29/19 15:41	10/30/19 12:44	1
Endosulfan II	ND		0.25	0.060	ug/L		10/29/19 15:41	10/30/19 12:44	1
Endosulfan sulfate	ND		0.25	0.079	ug/L		10/29/19 15:41	10/30/19 12:44	1
Endrin	ND		0.25	0.069	ug/L		10/29/19 15:41	10/30/19 12:44	1
Endrin aldehyde	ND		0.25	0.082	ug/L		10/29/19 15:41	10/30/19 12:44	1
Endrin ketone	ND		0.25	0.060	ug/L		10/29/19 15:41	10/30/19 12:44	1
gamma-BHC (Lindane)	ND		0.25	0.040	ug/L		10/29/19 15:41	10/30/19 12:44	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161562-1

Client Sample ID: LPZ-08S

Lab Sample ID: 480-161562-8

Date Collected: 10/24/19 14:45

Matrix: Water

Date Received: 10/24/19 17:25

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-Chlordane	ND		0.25	0.055	ug/L		10/29/19 15:41	10/30/19 12:44	1
Heptachlor	ND		0.25	0.043	ug/L		10/29/19 15:41	10/30/19 12:44	1
Heptachlor epoxide	ND		0.25	0.037	ug/L		10/29/19 15:41	10/30/19 12:44	1
Methoxychlor	ND		0.25	0.071	ug/L		10/29/19 15:41	10/30/19 12:44	1
Toxaphene	ND		2.5	0.60	ug/L		10/29/19 15:41	10/30/19 12:44	1
Mirex	ND		0.25	0.048	ug/L		10/29/19 15:41	10/30/19 12:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	62		20 - 120	10/29/19 15:41	10/30/19 12:44	1
DCB Decachlorobiphenyl	67		20 - 120	10/29/19 15:41	10/30/19 12:44	1
Tetrachloro-m-xylene	91		44 - 120	10/29/19 15:41	10/30/19 12:44	1
Tetrachloro-m-xylene	82		44 - 120	10/29/19 15:41	10/30/19 12:44	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		2.5	0.88	ug/L		10/31/19 15:20	11/03/19 17:12	1
PCB-1221	ND		2.5	0.88	ug/L		10/31/19 15:20	11/03/19 17:12	1
PCB-1232	ND		2.5	0.88	ug/L		10/31/19 15:20	11/03/19 17:12	1
PCB-1242	ND		2.5	0.88	ug/L		10/31/19 15:20	11/03/19 17:12	1
PCB-1248	ND		2.5	0.88	ug/L		10/31/19 15:20	11/03/19 17:12	1
PCB-1254	ND		2.5	1.3	ug/L		10/31/19 15:20	11/03/19 17:12	1
PCB-1260	ND		2.5	1.3	ug/L		10/31/19 15:20	11/03/19 17:12	1
PCB-1262	ND		2.5	1.3	ug/L		10/31/19 15:20	11/03/19 17:12	1
PCB-1268	ND		2.5	1.3	ug/L		10/31/19 15:20	11/03/19 17:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	76		39 - 121	10/31/19 15:20	11/03/19 17:12	1
Tetrachloro-m-xylene	67		39 - 121	10/31/19 15:20	11/03/19 17:12	1
DCB Decachlorobiphenyl	50		19 - 120	10/31/19 15:20	11/03/19 17:12	1
DCB Decachlorobiphenyl	62		19 - 120	10/31/19 15:20	11/03/19 17:12	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.067	J	0.20	0.060	mg/L		10/26/19 11:19	10/27/19 13:49	1
Antimony	ND		0.020	0.0068	mg/L		10/26/19 11:19	10/27/19 13:49	1
Arsenic	0.0095	J	0.015	0.0056	mg/L		10/26/19 11:19	10/27/19 13:49	1
Barium	0.043		0.0020	0.00070	mg/L		10/26/19 11:19	10/27/19 13:49	1
Beryllium	ND		0.0020	0.00030	mg/L		10/26/19 11:19	10/27/19 13:49	1
Cadmium	ND		0.0020	0.00050	mg/L		10/26/19 11:19	10/27/19 13:49	1
Calcium	578		0.50	0.10	mg/L		10/26/19 11:19	10/27/19 13:49	1
Chromium	0.0085		0.0040	0.0010	mg/L		10/26/19 11:19	10/27/19 13:49	1
Cobalt	0.0054		0.0040	0.00063	mg/L		10/26/19 11:19	10/27/19 13:49	1
Copper	0.0017	J	0.010	0.0016	mg/L		10/26/19 11:19	10/27/19 13:49	1
Iron	37.0		0.050	0.019	mg/L		10/26/19 11:19	10/27/19 13:49	1
Lead	ND		0.010	0.0030	mg/L		10/26/19 11:19	10/27/19 13:49	1
Magnesium	116		0.20	0.043	mg/L		10/26/19 11:19	10/27/19 13:49	1
Manganese	2.6		0.0030	0.00040	mg/L		10/26/19 11:19	10/27/19 13:49	1
Nickel	0.023		0.010	0.0013	mg/L		10/26/19 11:19	10/27/19 13:49	1
Potassium	11.4		0.50	0.10	mg/L		10/26/19 11:19	10/27/19 13:49	1
Selenium	ND		0.025	0.0087	mg/L		10/26/19 11:19	10/27/19 13:49	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161562-1

Client Sample ID: LPZ-08S

Lab Sample ID: 480-161562-8

Date Collected: 10/24/19 14:45

Matrix: Water

Date Received: 10/24/19 17:25

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		10/26/19 11:19	10/27/19 13:49	1
Sodium	92.0		1.0	0.32	mg/L		10/26/19 11:19	10/27/19 13:49	1
Thallium	ND		0.020	0.010	mg/L		10/26/19 11:19	10/27/19 13:49	1
Vanadium	0.0025	J	0.0050	0.0015	mg/L		10/26/19 11:19	10/27/19 13:49	1
Zinc	0.026	B	0.010	0.0015	mg/L		10/26/19 11:19	10/27/19 13:49	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/04/19 11:22	11/04/19 15:14	1

Well LPZ-11S

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-124643-1

Client Sample ID: NS-LPZ11S-GW

Lab Sample ID: 480-124643-3

Date Collected: 09/21/17 11:05

Matrix: Water

Date Received: 09/21/17 16:10

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/26/17 16:20	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/26/17 16:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/26/17 16:20	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/26/17 16:20	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/26/17 16:20	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/26/17 16:20	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/26/17 16:20	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/26/17 16:20	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/26/17 16:20	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/26/17 16:20	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/26/17 16:20	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/26/17 16:20	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/26/17 16:20	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/26/17 16:20	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/26/17 16:20	1
2-Hexanone	ND		5.0	1.2	ug/L			09/26/17 16:20	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/26/17 16:20	1
Acetone	ND		10	3.0	ug/L			09/26/17 16:20	1
Benzene	ND		1.0	0.41	ug/L			09/26/17 16:20	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/26/17 16:20	1
Bromoform	ND		1.0	0.26	ug/L			09/26/17 16:20	1
Bromomethane	ND		1.0	0.69	ug/L			09/26/17 16:20	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/26/17 16:20	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/26/17 16:20	1
Chlorobenzene	4.4		1.0	0.75	ug/L			09/26/17 16:20	1
Chloroethane	ND		1.0	0.32	ug/L			09/26/17 16:20	1
Chloroform	ND		1.0	0.34	ug/L			09/26/17 16:20	1
Chloromethane	ND		1.0	0.35	ug/L			09/26/17 16:20	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/26/17 16:20	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/26/17 16:20	1
Cyclohexane	ND		1.0	0.18	ug/L			09/26/17 16:20	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/26/17 16:20	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/26/17 16:20	1
Ethylbenzene	ND	F1	1.0	0.74	ug/L			09/26/17 16:20	1
Isopropylbenzene	ND	F1	1.0	0.79	ug/L			09/26/17 16:20	1
Methyl acetate	ND		2.5	1.3	ug/L			09/26/17 16:20	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/26/17 16:20	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/26/17 16:20	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/26/17 16:20	1
Styrene	ND		1.0	0.73	ug/L			09/26/17 16:20	1
Tetrachloroethene	ND	F1	1.0	0.36	ug/L			09/26/17 16:20	1
Toluene	ND	F1	1.0	0.51	ug/L			09/26/17 16:20	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/26/17 16:20	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/26/17 16:20	1
Trichloroethene	ND		1.0	0.46	ug/L			09/26/17 16:20	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/26/17 16:20	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/26/17 16:20	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/26/17 16:20	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-124643-1

Client Sample ID: NS-LPZ11S-GW

Lab Sample ID: 480-124643-3

Date Collected: 09/21/17 11:05

Matrix: Water

Date Received: 09/21/17 16:10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	78		77 - 120		09/26/17 16:20	1
4-Bromofluorobenzene (Surr)	108		73 - 120		09/26/17 16:20	1
Toluene-d8 (Surr)	89		80 - 120		09/26/17 16:20	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		09/22/17 14:23	09/25/17 17:40	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		09/22/17 14:23	09/25/17 17:40	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		09/22/17 14:23	09/25/17 17:40	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		09/22/17 14:23	09/25/17 17:40	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		09/22/17 14:23	09/25/17 17:40	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		09/22/17 14:23	09/25/17 17:40	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		09/22/17 14:23	09/25/17 17:40	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		09/22/17 14:23	09/25/17 17:40	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		09/22/17 14:23	09/25/17 17:40	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		09/22/17 14:23	09/25/17 17:40	1
2-Chlorophenol	ND		5.0	0.53	ug/L		09/22/17 14:23	09/25/17 17:40	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		09/22/17 14:23	09/25/17 17:40	1
2-Methylphenol	ND		5.0	0.40	ug/L		09/22/17 14:23	09/25/17 17:40	1
2-Nitroaniline	ND		10	0.42	ug/L		09/22/17 14:23	09/25/17 17:40	1
2-Nitrophenol	ND		5.0	0.48	ug/L		09/22/17 14:23	09/25/17 17:40	1
3,3'-Dichlorobenzidine	ND *		5.0	0.40	ug/L		09/22/17 14:23	09/25/17 17:40	1
3-Nitroaniline	ND *		10	0.48	ug/L		09/22/17 14:23	09/25/17 17:40	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		09/22/17 14:23	09/25/17 17:40	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		09/22/17 14:23	09/25/17 17:40	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		09/22/17 14:23	09/25/17 17:40	1
4-Chloroaniline	ND		5.0	0.59	ug/L		09/22/17 14:23	09/25/17 17:40	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		09/22/17 14:23	09/25/17 17:40	1
4-Methylphenol	ND		10	0.36	ug/L		09/22/17 14:23	09/25/17 17:40	1
4-Nitroaniline	ND		10	0.25	ug/L		09/22/17 14:23	09/25/17 17:40	1
4-Nitrophenol	ND		10	1.5	ug/L		09/22/17 14:23	09/25/17 17:40	1
Acenaphthene	ND		5.0	0.41	ug/L		09/22/17 14:23	09/25/17 17:40	1
Acenaphthylene	ND		5.0	0.38	ug/L		09/22/17 14:23	09/25/17 17:40	1
Acetophenone	ND		5.0	0.54	ug/L		09/22/17 14:23	09/25/17 17:40	1
Anthracene	ND		5.0	0.28	ug/L		09/22/17 14:23	09/25/17 17:40	1
Atrazine	ND		5.0	0.46	ug/L		09/22/17 14:23	09/25/17 17:40	1
Benzaldehyde	ND		5.0	0.27	ug/L		09/22/17 14:23	09/25/17 17:40	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		09/22/17 14:23	09/25/17 17:40	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		09/22/17 14:23	09/25/17 17:40	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		09/22/17 14:23	09/25/17 17:40	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		09/22/17 14:23	09/25/17 17:40	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		09/22/17 14:23	09/25/17 17:40	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		09/22/17 14:23	09/25/17 17:40	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		09/22/17 14:23	09/25/17 17:40	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		09/22/17 14:23	09/25/17 17:40	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		09/22/17 14:23	09/25/17 17:40	1
Caprolactam	ND		5.0	2.2	ug/L		09/22/17 14:23	09/25/17 17:40	1
Carbazole	ND * F1		5.0	0.30	ug/L		09/22/17 14:23	09/25/17 17:40	1
Chrysene	ND		5.0	0.33	ug/L		09/22/17 14:23	09/25/17 17:40	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		09/22/17 14:23	09/25/17 17:40	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-124643-1

Client Sample ID: NS-LPZ11S-GW

Lab Sample ID: 480-124643-3

Date Collected: 09/21/17 11:05

Matrix: Water

Date Received: 09/21/17 16:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		09/22/17 14:23	09/25/17 17:40	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		09/22/17 14:23	09/25/17 17:40	1
Dibenzofuran	ND		10	0.51	ug/L		09/22/17 14:23	09/25/17 17:40	1
Diethyl phthalate	1.3	J	5.0	0.22	ug/L		09/22/17 14:23	09/25/17 17:40	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		09/22/17 14:23	09/25/17 17:40	1
Fluoranthene	ND		5.0	0.40	ug/L		09/22/17 14:23	09/25/17 17:40	1
Fluorene	ND		5.0	0.36	ug/L		09/22/17 14:23	09/25/17 17:40	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		09/22/17 14:23	09/25/17 17:40	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		09/22/17 14:23	09/25/17 17:40	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		09/22/17 14:23	09/25/17 17:40	1
Hexachloroethane	ND		5.0	0.59	ug/L		09/22/17 14:23	09/25/17 17:40	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		09/22/17 14:23	09/25/17 17:40	1
Isophorone	ND		5.0	0.43	ug/L		09/22/17 14:23	09/25/17 17:40	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		09/22/17 14:23	09/25/17 17:40	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		09/22/17 14:23	09/25/17 17:40	1
Naphthalene	ND		5.0	0.76	ug/L		09/22/17 14:23	09/25/17 17:40	1
Nitrobenzene	ND		5.0	0.29	ug/L		09/22/17 14:23	09/25/17 17:40	1
Pentachlorophenol	ND		10	2.2	ug/L		09/22/17 14:23	09/25/17 17:40	1
Phenanthrene	0.56	J	5.0	0.44	ug/L		09/22/17 14:23	09/25/17 17:40	1
Phenol	ND		5.0	0.39	ug/L		09/22/17 14:23	09/25/17 17:40	1
Pyrene	ND		5.0	0.34	ug/L		09/22/17 14:23	09/25/17 17:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	108		41 - 120	09/22/17 14:23	09/25/17 17:40	1
2-Fluorobiphenyl	99		48 - 120	09/22/17 14:23	09/25/17 17:40	1
2-Fluorophenol	78		35 - 120	09/22/17 14:23	09/25/17 17:40	1
Nitrobenzene-d5	102		46 - 120	09/22/17 14:23	09/25/17 17:40	1
p-Terphenyl-d14	90		59 - 136	09/22/17 14:23	09/25/17 17:40	1
Phenol-d5	59		22 - 120	09/22/17 14:23	09/25/17 17:40	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		09/22/17 14:36	09/24/17 11:45	1
4,4'-DDE	ND		0.050	0.012	ug/L		09/22/17 14:36	09/24/17 11:45	1
4,4'-DDT	ND		0.050	0.011	ug/L		09/22/17 14:36	09/24/17 11:45	1
Aldrin	ND		0.050	0.0081	ug/L		09/22/17 14:36	09/24/17 11:45	1
alpha-BHC	ND		0.050	0.0077	ug/L		09/22/17 14:36	09/24/17 11:45	1
alpha-Chlordane	ND		0.050	0.015	ug/L		09/22/17 14:36	09/24/17 11:45	1
beta-BHC	ND		0.050	0.025	ug/L		09/22/17 14:36	09/24/17 11:45	1
delta-BHC	ND		0.050	0.010	ug/L		09/22/17 14:36	09/24/17 11:45	1
Dieldrin	ND		0.050	0.0098	ug/L		09/22/17 14:36	09/24/17 11:45	1
Endosulfan I	ND		0.050	0.011	ug/L		09/22/17 14:36	09/24/17 11:45	1
Endosulfan II	ND		0.050	0.012	ug/L		09/22/17 14:36	09/24/17 11:45	1
Endosulfan sulfate	ND	F1	0.050	0.016	ug/L		09/22/17 14:36	09/24/17 11:45	1
Endrin	ND		0.050	0.014	ug/L		09/22/17 14:36	09/24/17 11:45	1
Endrin aldehyde	ND		0.050	0.016	ug/L		09/22/17 14:36	09/24/17 11:45	1
Endrin ketone	ND		0.050	0.012	ug/L		09/22/17 14:36	09/24/17 11:45	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		09/22/17 14:36	09/24/17 11:45	1
gamma-Chlordane	0.015	J	0.050	0.011	ug/L		09/22/17 14:36	09/24/17 11:45	1
Heptachlor	ND		0.050	0.0085	ug/L		09/22/17 14:36	09/24/17 11:45	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-124643-1

Client Sample ID: NS-LPZ11S-GW

Lab Sample ID: 480-124643-3

Date Collected: 09/21/17 11:05

Matrix: Water

Date Received: 09/21/17 16:10

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		0.050	0.0074	ug/L		09/22/17 14:36	09/24/17 11:45	1
Methoxychlor	ND		0.050	0.014	ug/L		09/22/17 14:36	09/24/17 11:45	1
Toxaphene	ND		0.50	0.12	ug/L		09/22/17 14:36	09/24/17 11:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	72		20 - 120				09/22/17 14:36	09/24/17 11:45	1
DCB Decachlorobiphenyl	80		20 - 120				09/22/17 14:36	09/24/17 11:45	1
Tetrachloro-m-xylene	102		44 - 120				09/22/17 14:36	09/24/17 11:45	1
Tetrachloro-m-xylene	80		44 - 120				09/22/17 14:36	09/24/17 11:45	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		09/22/17 14:44	09/23/17 15:48	1
PCB-1221	ND		0.50	0.18	ug/L		09/22/17 14:44	09/23/17 15:48	1
PCB-1232	ND		0.50	0.18	ug/L		09/22/17 14:44	09/23/17 15:48	1
PCB-1242	ND		0.50	0.18	ug/L		09/22/17 14:44	09/23/17 15:48	1
PCB-1248	ND		0.50	0.18	ug/L		09/22/17 14:44	09/23/17 15:48	1
PCB-1254	ND		0.50	0.25	ug/L		09/22/17 14:44	09/23/17 15:48	1
PCB-1260	ND		0.50	0.25	ug/L		09/22/17 14:44	09/23/17 15:48	1
PCB-1262	ND		0.50	0.25	ug/L		09/22/17 14:44	09/23/17 15:48	1
PCB-1268	ND		0.50	0.25	ug/L		09/22/17 14:44	09/23/17 15:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	75		39 - 121				09/22/17 14:44	09/23/17 15:48	1
Tetrachloro-m-xylene	67		39 - 121				09/22/17 14:44	09/23/17 15:48	1
DCB Decachlorobiphenyl	63		19 - 120				09/22/17 14:44	09/23/17 15:48	1
DCB Decachlorobiphenyl	47		19 - 120				09/22/17 14:44	09/23/17 15:48	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.060	J	0.20	0.060	mg/L		09/25/17 09:26	09/26/17 23:40	1
Antimony	ND		0.020	0.0068	mg/L		09/25/17 09:26	09/26/17 23:40	1
Arsenic	0.020		0.015	0.0056	mg/L		09/25/17 09:26	09/26/17 23:40	1
Barium	0.13		0.0020	0.00070	mg/L		09/25/17 09:26	09/26/17 23:40	1
Beryllium	ND		0.0020	0.00030	mg/L		09/25/17 09:26	09/26/17 23:40	1
Cadmium	0.00060	J	0.0020	0.00050	mg/L		09/25/17 09:26	09/26/17 23:40	1
Calcium	200	B	0.50	0.10	mg/L		09/25/17 09:26	09/26/17 23:40	1
Chromium	0.0013	J	0.0040	0.0010	mg/L		09/25/17 09:26	09/26/17 23:40	1
Cobalt	0.0023	J	0.0040	0.00063	mg/L		09/25/17 09:26	09/26/17 23:40	1
Copper	ND		0.010	0.0016	mg/L		09/25/17 09:26	09/27/17 11:58	1
Iron	1.2		0.050	0.019	mg/L		09/25/17 09:26	09/26/17 23:40	1
Lead	ND		0.010	0.0030	mg/L		09/25/17 09:26	09/26/17 23:40	1
Magnesium	68.8		0.20	0.043	mg/L		09/25/17 09:26	09/26/17 23:40	1
Manganese	0.37	B	0.0030	0.00040	mg/L		09/25/17 09:26	09/26/17 23:40	1
Nickel	0.0069	J	0.010	0.0013	mg/L		09/25/17 09:26	09/26/17 23:40	1
Potassium	13.6		0.50	0.10	mg/L		09/25/17 09:26	09/26/17 23:40	1
Selenium	ND		0.025	0.0087	mg/L		09/25/17 09:26	09/26/17 23:40	1
Silver	ND		0.0060	0.0017	mg/L		09/25/17 09:26	09/26/17 23:40	1
Sodium	46.2		1.0	0.32	mg/L		09/25/17 09:26	09/26/17 23:40	1
Thallium	ND		0.020	0.010	mg/L		09/25/17 09:26	09/26/17 23:40	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-124643-1

Client Sample ID: NS-LPZ11S-GW

Lab Sample ID: 480-124643-3

Date Collected: 09/21/17 11:05

Matrix: Water

Date Received: 09/21/17 16:10

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	ND		0.0050	0.0015	mg/L		09/25/17 09:26	09/26/17 23:40	1
Zinc	0.0034	J B	0.010	0.0015	mg/L		09/25/17 09:26	09/26/17 23:40	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.060	J	0.20	0.060	mg/L		09/25/17 09:00	09/26/17 22:57	1
Antimony	ND		0.020	0.0068	mg/L		09/25/17 09:00	09/26/17 22:57	1
Arsenic	0.012	J	0.015	0.0056	mg/L		09/25/17 09:00	09/26/17 22:57	1
Barium	0.12		0.0020	0.00070	mg/L		09/25/17 09:00	09/26/17 22:57	1
Beryllium	ND		0.0020	0.00030	mg/L		09/25/17 09:00	09/26/17 22:57	1
Cadmium	0.00055	J	0.0020	0.00050	mg/L		09/25/17 09:00	09/26/17 22:57	1
Calcium	192		0.50	0.10	mg/L		09/25/17 09:00	09/26/17 22:57	1
Chromium	ND		0.0040	0.0010	mg/L		09/25/17 09:00	09/26/17 22:57	1
Cobalt	0.0022	J	0.0040	0.00063	mg/L		09/25/17 09:00	09/26/17 22:57	1
Copper	ND		0.010	0.0016	mg/L		09/25/17 09:00	09/27/17 13:19	1
Iron	0.19		0.050	0.019	mg/L		09/25/17 09:00	09/26/17 22:57	1
Lead	0.0030	J	0.010	0.0030	mg/L		09/25/17 09:00	09/26/17 22:57	1
Magnesium	66.6		0.20	0.043	mg/L		09/25/17 09:00	09/26/17 22:57	1
Manganese	0.34		0.0030	0.00040	mg/L		09/25/17 09:00	09/26/17 22:57	1
Nickel	0.0067	J	0.010	0.0013	mg/L		09/25/17 09:00	09/26/17 22:57	1
Potassium	13.1		0.50	0.10	mg/L		09/25/17 09:00	09/26/17 22:57	1
Selenium	ND		0.025	0.0087	mg/L		09/25/17 09:00	09/26/17 22:57	1
Silver	ND		0.0060	0.0017	mg/L		09/25/17 09:00	09/26/17 22:57	1
Sodium	43.8		1.0	0.32	mg/L		09/25/17 09:00	09/26/17 22:57	1
Thallium	ND		0.020	0.010	mg/L		09/25/17 09:00	09/26/17 22:57	1
Vanadium	ND		0.0050	0.0015	mg/L		09/25/17 09:00	09/26/17 22:57	1
Zinc	0.0093	J	0.010	0.0015	mg/L		09/25/17 09:00	09/26/17 22:57	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/22/17 11:45	09/22/17 15:25	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/25/17 11:50	09/25/17 17:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.1		2.5	1.4	mg/L			09/24/17 14:09	5
Sulfate	123		10.0	1.7	mg/L			09/24/17 14:09	5
Alkalinity, Total	727		5.0	0.79	mg/L			09/24/17 19:44	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161562-1

Client Sample ID: LPZ-11S

Lab Sample ID: 480-161562-2

Date Collected: 10/24/19 10:15

Matrix: Water

Date Received: 10/24/19 17:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/04/19 12:53	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/04/19 12:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/04/19 12:53	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/04/19 12:53	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/04/19 12:53	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/04/19 12:53	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/04/19 12:53	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/04/19 12:53	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/04/19 12:53	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/04/19 12:53	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/04/19 12:53	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/04/19 12:53	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/04/19 12:53	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/04/19 12:53	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/04/19 12:53	1
2-Hexanone	ND		5.0	1.2	ug/L			11/04/19 12:53	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/04/19 12:53	1
Acetone	ND		10	3.0	ug/L			11/04/19 12:53	1
Benzene	ND		1.0	0.41	ug/L			11/04/19 12:53	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/04/19 12:53	1
Bromoform	ND		1.0	0.26	ug/L			11/04/19 12:53	1
Bromomethane	ND		1.0	0.69	ug/L			11/04/19 12:53	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/04/19 12:53	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/04/19 12:53	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/04/19 12:53	1
Chloroethane	ND		1.0	0.32	ug/L			11/04/19 12:53	1
Chloroform	ND		1.0	0.34	ug/L			11/04/19 12:53	1
Chloromethane	ND		1.0	0.35	ug/L			11/04/19 12:53	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/04/19 12:53	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/04/19 12:53	1
Cyclohexane	ND		1.0	0.18	ug/L			11/04/19 12:53	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/04/19 12:53	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/04/19 12:53	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/04/19 12:53	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/04/19 12:53	1
Methyl acetate	ND		2.5	1.3	ug/L			11/04/19 12:53	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/04/19 12:53	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/04/19 12:53	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/04/19 12:53	1
Styrene	ND		1.0	0.73	ug/L			11/04/19 12:53	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/04/19 12:53	1
Toluene	ND		1.0	0.51	ug/L			11/04/19 12:53	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/04/19 12:53	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/04/19 12:53	1
Trichloroethene	ND		1.0	0.46	ug/L			11/04/19 12:53	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/04/19 12:53	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/04/19 12:53	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/04/19 12:53	1
t-Butyl alcohol	ND		10	3.3	ug/L			11/04/19 12:53	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161562-1

Client Sample ID: LPZ-11S

Lab Sample ID: 480-161562-2

Date Collected: 10/24/19 10:15

Matrix: Water

Date Received: 10/24/19 17:25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		11/04/19 12:53	1
4-Bromofluorobenzene (Surr)	100		73 - 120		11/04/19 12:53	1
Dibromofluoromethane (Surr)	107		75 - 123		11/04/19 12:53	1
Toluene-d8 (Surr)	93		80 - 120		11/04/19 12:53	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		10/28/19 15:00	10/29/19 22:04	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		10/28/19 15:00	10/29/19 22:04	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		10/28/19 15:00	10/29/19 22:04	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		10/28/19 15:00	10/29/19 22:04	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		10/28/19 15:00	10/29/19 22:04	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		10/28/19 15:00	10/29/19 22:04	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		10/28/19 15:00	10/29/19 22:04	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		10/28/19 15:00	10/29/19 22:04	1
2-Chlorophenol	ND		5.0	0.53	ug/L		10/28/19 15:00	10/29/19 22:04	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		10/28/19 15:00	10/29/19 22:04	1
2-Methylphenol	ND		5.0	0.40	ug/L		10/28/19 15:00	10/29/19 22:04	1
2-Nitroaniline	ND		10	0.42	ug/L		10/28/19 15:00	10/29/19 22:04	1
2-Nitrophenol	ND		5.0	0.48	ug/L		10/28/19 15:00	10/29/19 22:04	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		10/28/19 15:00	10/29/19 22:04	1
3-Nitroaniline	ND		10	0.48	ug/L		10/28/19 15:00	10/29/19 22:04	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		10/28/19 15:00	10/29/19 22:04	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		10/28/19 15:00	10/29/19 22:04	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		10/28/19 15:00	10/29/19 22:04	1
4-Chloroaniline	ND		5.0	0.59	ug/L		10/28/19 15:00	10/29/19 22:04	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		10/28/19 15:00	10/29/19 22:04	1
4-Methylphenol	ND		10	0.36	ug/L		10/28/19 15:00	10/29/19 22:04	1
4-Nitroaniline	ND		10	0.25	ug/L		10/28/19 15:00	10/29/19 22:04	1
4-Nitrophenol	ND		10	1.5	ug/L		10/28/19 15:00	10/29/19 22:04	1
Acenaphthene	ND		5.0	0.41	ug/L		10/28/19 15:00	10/29/19 22:04	1
Acenaphthylene	ND		5.0	0.38	ug/L		10/28/19 15:00	10/29/19 22:04	1
Acetophenone	ND		5.0	0.54	ug/L		10/28/19 15:00	10/29/19 22:04	1
Anthracene	ND		5.0	0.28	ug/L		10/28/19 15:00	10/29/19 22:04	1
Atrazine	ND *		5.0	0.46	ug/L		10/28/19 15:00	10/29/19 22:04	1
Benzaldehyde	ND		5.0	0.27	ug/L		10/28/19 15:00	10/29/19 22:04	1
Benzo(a)anthracene	ND *		5.0	0.36	ug/L		10/28/19 15:00	10/29/19 22:04	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		10/28/19 15:00	10/29/19 22:04	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		10/28/19 15:00	10/29/19 22:04	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		10/28/19 15:00	10/29/19 22:04	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		10/28/19 15:00	10/29/19 22:04	1
Benzoic acid	ND		150	100	ug/L		10/28/19 15:00	10/29/19 22:04	1
Biphenyl	ND		5.0	0.65	ug/L		10/28/19 15:00	10/29/19 22:04	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		10/28/19 15:00	10/29/19 22:04	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		10/28/19 15:00	10/29/19 22:04	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		10/28/19 15:00	10/29/19 22:04	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		10/28/19 15:00	10/29/19 22:04	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		10/28/19 15:00	10/29/19 22:04	1
Caprolactam	ND		5.0	2.2	ug/L		10/28/19 15:00	10/29/19 22:04	1
Carbazole	ND		5.0	0.30	ug/L		10/28/19 15:00	10/29/19 22:04	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161562-1

Client Sample ID: LPZ-11S

Lab Sample ID: 480-161562-2

Date Collected: 10/24/19 10:15

Matrix: Water

Date Received: 10/24/19 17:25

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		10/28/19 15:00	10/29/19 22:04	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		10/28/19 15:00	10/29/19 22:04	1
Dibenzofuran	ND		10	0.51	ug/L		10/28/19 15:00	10/29/19 22:04	1
Diethyl phthalate	0.75	J	5.0	0.22	ug/L		10/28/19 15:00	10/29/19 22:04	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		10/28/19 15:00	10/29/19 22:04	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		10/28/19 15:00	10/29/19 22:04	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		10/28/19 15:00	10/29/19 22:04	1
Fluoranthene	ND		5.0	0.40	ug/L		10/28/19 15:00	10/29/19 22:04	1
Fluorene	ND		5.0	0.36	ug/L		10/28/19 15:00	10/29/19 22:04	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		10/28/19 15:00	10/29/19 22:04	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		10/28/19 15:00	10/29/19 22:04	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		10/28/19 15:00	10/29/19 22:04	1
Hexachloroethane	ND		5.0	0.59	ug/L		10/28/19 15:00	10/29/19 22:04	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		10/28/19 15:00	10/29/19 22:04	1
Isophorone	ND		5.0	0.43	ug/L		10/28/19 15:00	10/29/19 22:04	1
Naphthalene	ND		5.0	0.76	ug/L		10/28/19 15:00	10/29/19 22:04	1
Nitrobenzene	ND		5.0	0.29	ug/L		10/28/19 15:00	10/29/19 22:04	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		10/28/19 15:00	10/29/19 22:04	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		10/28/19 15:00	10/29/19 22:04	1
Pentachlorophenol	ND		10	2.2	ug/L		10/28/19 15:00	10/29/19 22:04	1
Phenanthrene	ND		5.0	0.44	ug/L		10/28/19 15:00	10/29/19 22:04	1
Phenol	ND		5.0	0.39	ug/L		10/28/19 15:00	10/29/19 22:04	1
Pyrene	ND	*	5.0	0.34	ug/L		10/28/19 15:00	10/29/19 22:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	92		41 - 120	10/28/19 15:00	10/29/19 22:04	1
2-Fluorobiphenyl	108		48 - 120	10/28/19 15:00	10/29/19 22:04	1
2-Fluorophenol	65		35 - 120	10/28/19 15:00	10/29/19 22:04	1
Nitrobenzene-d5	92		46 - 120	10/28/19 15:00	10/29/19 22:04	1
Phenol-d5	49		22 - 120	10/28/19 15:00	10/29/19 22:04	1
p-Terphenyl-d14	97		60 - 148	10/28/19 15:00	10/29/19 22:04	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		10/29/19 15:41	10/30/19 16:01	1
4,4'-DDE	ND		0.050	0.012	ug/L		10/29/19 15:41	10/30/19 16:01	1
4,4'-DDT	ND		0.050	0.011	ug/L		10/29/19 15:41	10/30/19 16:01	1
Aldrin	ND		0.050	0.0081	ug/L		10/29/19 15:41	10/30/19 16:01	1
alpha-BHC	ND		0.050	0.0077	ug/L		10/29/19 15:41	10/30/19 16:01	1
cis-Chlordane	ND		0.050	0.015	ug/L		10/29/19 15:41	10/30/19 16:01	1
beta-BHC	ND		0.050	0.025	ug/L		10/29/19 15:41	10/30/19 16:01	1
delta-BHC	ND		0.050	0.010	ug/L		10/29/19 15:41	10/30/19 16:01	1
Dieldrin	ND		0.050	0.0098	ug/L		10/29/19 15:41	10/30/19 16:01	1
Endosulfan I	ND		0.050	0.011	ug/L		10/29/19 15:41	10/30/19 16:01	1
Endosulfan II	ND		0.050	0.012	ug/L		10/29/19 15:41	10/30/19 16:01	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		10/29/19 15:41	10/30/19 16:01	1
Endrin	ND		0.050	0.014	ug/L		10/29/19 15:41	10/30/19 16:01	1
Endrin aldehyde	ND		0.050	0.016	ug/L		10/29/19 15:41	10/30/19 16:01	1
Endrin ketone	ND		0.050	0.012	ug/L		10/29/19 15:41	10/30/19 16:01	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		10/29/19 15:41	10/30/19 16:01	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161562-1

Client Sample ID: LPZ-11S

Lab Sample ID: 480-161562-2

Date Collected: 10/24/19 10:15

Matrix: Water

Date Received: 10/24/19 17:25

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-Chlordane	ND		0.050	0.011	ug/L		10/29/19 15:41	10/30/19 16:01	1
Heptachlor	ND		0.050	0.0085	ug/L		10/29/19 15:41	10/30/19 16:01	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		10/29/19 15:41	10/30/19 16:01	1
Methoxychlor	ND		0.050	0.014	ug/L		10/29/19 15:41	10/30/19 16:01	1
Toxaphene	ND		0.50	0.12	ug/L		10/29/19 15:41	10/30/19 16:01	1
Mirex	ND		0.050	0.0096	ug/L		10/29/19 15:41	10/30/19 16:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	48		20 - 120	10/29/19 15:41	10/30/19 16:01	1
DCB Decachlorobiphenyl	48		20 - 120	10/29/19 15:41	10/30/19 16:01	1
Tetrachloro-m-xylene	78		44 - 120	10/29/19 15:41	10/30/19 16:01	1
Tetrachloro-m-xylene	67		44 - 120	10/29/19 15:41	10/30/19 16:01	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		10/31/19 15:20	11/03/19 17:36	1
PCB-1221	ND		0.50	0.18	ug/L		10/31/19 15:20	11/03/19 17:36	1
PCB-1232	ND		0.50	0.18	ug/L		10/31/19 15:20	11/03/19 17:36	1
PCB-1242	ND		0.50	0.18	ug/L		10/31/19 15:20	11/03/19 17:36	1
PCB-1248	ND		0.50	0.18	ug/L		10/31/19 15:20	11/03/19 17:36	1
PCB-1254	ND		0.50	0.25	ug/L		10/31/19 15:20	11/03/19 17:36	1
PCB-1260	ND		0.50	0.25	ug/L		10/31/19 15:20	11/03/19 17:36	1
PCB-1262	ND		0.50	0.25	ug/L		10/31/19 15:20	11/03/19 17:36	1
PCB-1268	ND		0.50	0.25	ug/L		10/31/19 15:20	11/03/19 17:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	81		39 - 121	10/31/19 15:20	11/03/19 17:36	1
Tetrachloro-m-xylene	73		39 - 121	10/31/19 15:20	11/03/19 17:36	1
DCB Decachlorobiphenyl	66		19 - 120	10/31/19 15:20	11/03/19 17:36	1
DCB Decachlorobiphenyl	77		19 - 120	10/31/19 15:20	11/03/19 17:36	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		10/26/19 11:19	10/27/19 13:38	1
Antimony	ND		0.020	0.0068	mg/L		10/26/19 11:19	10/27/19 13:38	1
Arsenic	0.0056	J	0.015	0.0056	mg/L		10/26/19 11:19	10/27/19 13:38	1
Barium	0.10		0.0020	0.00070	mg/L		10/26/19 11:19	10/27/19 13:38	1
Beryllium	ND		0.0020	0.00030	mg/L		10/26/19 11:19	10/27/19 13:38	1
Cadmium	ND		0.0020	0.00050	mg/L		10/26/19 11:19	10/27/19 13:38	1
Calcium	175		0.50	0.10	mg/L		10/26/19 11:19	10/27/19 13:38	1
Chromium	ND		0.0040	0.0010	mg/L		10/26/19 11:19	10/27/19 13:38	1
Cobalt	0.0015	J	0.0040	0.00063	mg/L		10/26/19 11:19	10/27/19 13:38	1
Copper	ND		0.010	0.0016	mg/L		10/26/19 11:19	10/27/19 13:38	1
Iron	0.99		0.050	0.019	mg/L		10/26/19 11:19	10/27/19 13:38	1
Lead	ND		0.010	0.0030	mg/L		10/26/19 11:19	10/27/19 13:38	1
Magnesium	72.7		0.20	0.043	mg/L		10/26/19 11:19	10/27/19 13:38	1
Manganese	0.54		0.0030	0.00040	mg/L		10/26/19 11:19	10/27/19 13:38	1
Nickel	0.0026	J	0.010	0.0013	mg/L		10/26/19 11:19	10/27/19 13:38	1
Potassium	9.8		0.50	0.10	mg/L		10/26/19 11:19	10/27/19 13:38	1
Selenium	ND		0.025	0.0087	mg/L		10/26/19 11:19	10/27/19 13:38	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161562-1

Client Sample ID: LPZ-11S

Lab Sample ID: 480-161562-2

Date Collected: 10/24/19 10:15

Matrix: Water

Date Received: 10/24/19 17:25

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		10/26/19 11:19	10/27/19 13:38	1
Sodium	35.4		1.0	0.32	mg/L		10/26/19 11:19	10/27/19 13:38	1
Thallium	ND		0.020	0.010	mg/L		10/26/19 11:19	10/27/19 13:38	1
Vanadium	ND		0.0050	0.0015	mg/L		10/26/19 11:19	10/27/19 13:38	1
Zinc	0.0043	J B	0.010	0.0015	mg/L		10/26/19 11:19	10/27/19 13:38	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/04/19 11:22	11/04/19 15:06	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161562-1

Client Sample ID: LPZ-11S DUP

Lab Sample ID: 480-161562-4

Date Collected: 10/24/19 10:15

Matrix: Water

Date Received: 10/24/19 17:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/05/19 14:02	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/05/19 14:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/05/19 14:02	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/05/19 14:02	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/05/19 14:02	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/05/19 14:02	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/05/19 14:02	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/05/19 14:02	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/05/19 14:02	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/05/19 14:02	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/05/19 14:02	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/05/19 14:02	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/05/19 14:02	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/05/19 14:02	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/05/19 14:02	1
2-Hexanone	ND		5.0	1.2	ug/L			11/05/19 14:02	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/05/19 14:02	1
Acetone	ND		10	3.0	ug/L			11/05/19 14:02	1
Benzene	ND		1.0	0.41	ug/L			11/05/19 14:02	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/05/19 14:02	1
Bromoform	ND		1.0	0.26	ug/L			11/05/19 14:02	1
Bromomethane	ND		1.0	0.69	ug/L			11/05/19 14:02	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/05/19 14:02	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/05/19 14:02	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/05/19 14:02	1
Chloroethane	ND		1.0	0.32	ug/L			11/05/19 14:02	1
Chloroform	ND		1.0	0.34	ug/L			11/05/19 14:02	1
Chloromethane	ND		1.0	0.35	ug/L			11/05/19 14:02	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/05/19 14:02	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/05/19 14:02	1
Cyclohexane	ND		1.0	0.18	ug/L			11/05/19 14:02	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/05/19 14:02	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/05/19 14:02	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/05/19 14:02	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/05/19 14:02	1
Methyl acetate	ND		2.5	1.3	ug/L			11/05/19 14:02	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/05/19 14:02	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/05/19 14:02	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/05/19 14:02	1
Styrene	ND		1.0	0.73	ug/L			11/05/19 14:02	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/05/19 14:02	1
Toluene	ND		1.0	0.51	ug/L			11/05/19 14:02	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/05/19 14:02	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/05/19 14:02	1
Trichloroethene	ND		1.0	0.46	ug/L			11/05/19 14:02	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/05/19 14:02	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/05/19 14:02	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/05/19 14:02	1
t-Butyl alcohol	ND		10	3.3	ug/L			11/05/19 14:02	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161562-1

Client Sample ID: LPZ-11S DUP

Lab Sample ID: 480-161562-4

Date Collected: 10/24/19 10:15

Matrix: Water

Date Received: 10/24/19 17:25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		11/05/19 14:02	1
4-Bromofluorobenzene (Surr)	97		73 - 120		11/05/19 14:02	1
Dibromofluoromethane (Surr)	100		75 - 123		11/05/19 14:02	1
Toluene-d8 (Surr)	90		80 - 120		11/05/19 14:02	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		10/28/19 15:00	10/29/19 22:32	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		10/28/19 15:00	10/29/19 22:32	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		10/28/19 15:00	10/29/19 22:32	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		10/28/19 15:00	10/29/19 22:32	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		10/28/19 15:00	10/29/19 22:32	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		10/28/19 15:00	10/29/19 22:32	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		10/28/19 15:00	10/29/19 22:32	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		10/28/19 15:00	10/29/19 22:32	1
2-Chlorophenol	ND		5.0	0.53	ug/L		10/28/19 15:00	10/29/19 22:32	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		10/28/19 15:00	10/29/19 22:32	1
2-Methylphenol	ND		5.0	0.40	ug/L		10/28/19 15:00	10/29/19 22:32	1
2-Nitroaniline	ND		10	0.42	ug/L		10/28/19 15:00	10/29/19 22:32	1
2-Nitrophenol	ND		5.0	0.48	ug/L		10/28/19 15:00	10/29/19 22:32	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		10/28/19 15:00	10/29/19 22:32	1
3-Nitroaniline	ND		10	0.48	ug/L		10/28/19 15:00	10/29/19 22:32	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		10/28/19 15:00	10/29/19 22:32	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		10/28/19 15:00	10/29/19 22:32	1
4-Chloro-3-methylphenol	0.65	J	5.0	0.45	ug/L		10/28/19 15:00	10/29/19 22:32	1
4-Chloroaniline	ND		5.0	0.59	ug/L		10/28/19 15:00	10/29/19 22:32	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		10/28/19 15:00	10/29/19 22:32	1
4-Methylphenol	ND		10	0.36	ug/L		10/28/19 15:00	10/29/19 22:32	1
4-Nitroaniline	ND		10	0.25	ug/L		10/28/19 15:00	10/29/19 22:32	1
4-Nitrophenol	ND		10	1.5	ug/L		10/28/19 15:00	10/29/19 22:32	1
Acenaphthene	ND		5.0	0.41	ug/L		10/28/19 15:00	10/29/19 22:32	1
Acenaphthylene	ND		5.0	0.38	ug/L		10/28/19 15:00	10/29/19 22:32	1
Acetophenone	ND		5.0	0.54	ug/L		10/28/19 15:00	10/29/19 22:32	1
Anthracene	ND		5.0	0.28	ug/L		10/28/19 15:00	10/29/19 22:32	1
Atrazine	ND	*	5.0	0.46	ug/L		10/28/19 15:00	10/29/19 22:32	1
Benzaldehyde	ND		5.0	0.27	ug/L		10/28/19 15:00	10/29/19 22:32	1
Benzo(a)anthracene	ND	*	5.0	0.36	ug/L		10/28/19 15:00	10/29/19 22:32	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		10/28/19 15:00	10/29/19 22:32	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		10/28/19 15:00	10/29/19 22:32	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		10/28/19 15:00	10/29/19 22:32	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		10/28/19 15:00	10/29/19 22:32	1
Benzoic acid	ND		150	100	ug/L		10/28/19 15:00	10/29/19 22:32	1
Biphenyl	ND		5.0	0.65	ug/L		10/28/19 15:00	10/29/19 22:32	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		10/28/19 15:00	10/29/19 22:32	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		10/28/19 15:00	10/29/19 22:32	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		10/28/19 15:00	10/29/19 22:32	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		10/28/19 15:00	10/29/19 22:32	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		10/28/19 15:00	10/29/19 22:32	1
Caprolactam	ND		5.0	2.2	ug/L		10/28/19 15:00	10/29/19 22:32	1
Carbazole	ND		5.0	0.30	ug/L		10/28/19 15:00	10/29/19 22:32	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161562-1

Client Sample ID: LPZ-11S DUP

Lab Sample ID: 480-161562-4

Date Collected: 10/24/19 10:15

Matrix: Water

Date Received: 10/24/19 17:25

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		10/28/19 15:00	10/29/19 22:32	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		10/28/19 15:00	10/29/19 22:32	1
Dibenzofuran	ND		10	0.51	ug/L		10/28/19 15:00	10/29/19 22:32	1
Diethyl phthalate	0.75	J	5.0	0.22	ug/L		10/28/19 15:00	10/29/19 22:32	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		10/28/19 15:00	10/29/19 22:32	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		10/28/19 15:00	10/29/19 22:32	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		10/28/19 15:00	10/29/19 22:32	1
Fluoranthene	ND		5.0	0.40	ug/L		10/28/19 15:00	10/29/19 22:32	1
Fluorene	ND		5.0	0.36	ug/L		10/28/19 15:00	10/29/19 22:32	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		10/28/19 15:00	10/29/19 22:32	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		10/28/19 15:00	10/29/19 22:32	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		10/28/19 15:00	10/29/19 22:32	1
Hexachloroethane	ND		5.0	0.59	ug/L		10/28/19 15:00	10/29/19 22:32	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		10/28/19 15:00	10/29/19 22:32	1
Isophorone	ND		5.0	0.43	ug/L		10/28/19 15:00	10/29/19 22:32	1
Naphthalene	ND		5.0	0.76	ug/L		10/28/19 15:00	10/29/19 22:32	1
Nitrobenzene	ND		5.0	0.29	ug/L		10/28/19 15:00	10/29/19 22:32	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		10/28/19 15:00	10/29/19 22:32	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		10/28/19 15:00	10/29/19 22:32	1
Pentachlorophenol	ND		10	2.2	ug/L		10/28/19 15:00	10/29/19 22:32	1
Phenanthrene	ND		5.0	0.44	ug/L		10/28/19 15:00	10/29/19 22:32	1
Phenol	ND		5.0	0.39	ug/L		10/28/19 15:00	10/29/19 22:32	1
Pyrene	ND	*	5.0	0.34	ug/L		10/28/19 15:00	10/29/19 22:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	97		41 - 120	10/28/19 15:00	10/29/19 22:32	1
2-Fluorobiphenyl	114		48 - 120	10/28/19 15:00	10/29/19 22:32	1
2-Fluorophenol	67		35 - 120	10/28/19 15:00	10/29/19 22:32	1
Nitrobenzene-d5	94		46 - 120	10/28/19 15:00	10/29/19 22:32	1
Phenol-d5	49		22 - 120	10/28/19 15:00	10/29/19 22:32	1
p-Terphenyl-d14	99		60 - 148	10/28/19 15:00	10/29/19 22:32	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		10/29/19 15:41	10/30/19 16:20	1
4,4'-DDE	ND		0.050	0.012	ug/L		10/29/19 15:41	10/30/19 16:20	1
4,4'-DDT	ND		0.050	0.011	ug/L		10/29/19 15:41	10/30/19 16:20	1
Aldrin	ND		0.050	0.0081	ug/L		10/29/19 15:41	10/30/19 16:20	1
alpha-BHC	ND		0.050	0.0077	ug/L		10/29/19 15:41	10/30/19 16:20	1
cis-Chlordane	ND		0.050	0.015	ug/L		10/29/19 15:41	10/30/19 16:20	1
beta-BHC	ND		0.050	0.025	ug/L		10/29/19 15:41	10/30/19 16:20	1
delta-BHC	ND		0.050	0.010	ug/L		10/29/19 15:41	10/30/19 16:20	1
Dieldrin	ND		0.050	0.0098	ug/L		10/29/19 15:41	10/30/19 16:20	1
Endosulfan I	ND		0.050	0.011	ug/L		10/29/19 15:41	10/30/19 16:20	1
Endosulfan II	ND		0.050	0.012	ug/L		10/29/19 15:41	10/30/19 16:20	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		10/29/19 15:41	10/30/19 16:20	1
Endrin	ND		0.050	0.014	ug/L		10/29/19 15:41	10/30/19 16:20	1
Endrin aldehyde	ND		0.050	0.016	ug/L		10/29/19 15:41	10/30/19 16:20	1
Endrin ketone	ND		0.050	0.012	ug/L		10/29/19 15:41	10/30/19 16:20	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		10/29/19 15:41	10/30/19 16:20	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161562-1

Client Sample ID: LPZ-11S DUP

Lab Sample ID: 480-161562-4

Date Collected: 10/24/19 10:15

Matrix: Water

Date Received: 10/24/19 17:25

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-Chlordane	ND		0.050	0.011	ug/L		10/29/19 15:41	10/30/19 16:20	1
Heptachlor	ND		0.050	0.0085	ug/L		10/29/19 15:41	10/30/19 16:20	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		10/29/19 15:41	10/30/19 16:20	1
Methoxychlor	ND		0.050	0.014	ug/L		10/29/19 15:41	10/30/19 16:20	1
Toxaphene	ND		0.50	0.12	ug/L		10/29/19 15:41	10/30/19 16:20	1
Mirex	ND		0.050	0.0096	ug/L		10/29/19 15:41	10/30/19 16:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	62		20 - 120	10/29/19 15:41	10/30/19 16:20	1
DCB Decachlorobiphenyl	56		20 - 120	10/29/19 15:41	10/30/19 16:20	1
Tetrachloro-m-xylene	94		44 - 120	10/29/19 15:41	10/30/19 16:20	1
Tetrachloro-m-xylene	83		44 - 120	10/29/19 15:41	10/30/19 16:20	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		10/31/19 15:20	11/03/19 17:49	1
PCB-1221	ND		0.50	0.18	ug/L		10/31/19 15:20	11/03/19 17:49	1
PCB-1232	ND		0.50	0.18	ug/L		10/31/19 15:20	11/03/19 17:49	1
PCB-1242	ND		0.50	0.18	ug/L		10/31/19 15:20	11/03/19 17:49	1
PCB-1248	ND		0.50	0.18	ug/L		10/31/19 15:20	11/03/19 17:49	1
PCB-1254	ND		0.50	0.25	ug/L		10/31/19 15:20	11/03/19 17:49	1
PCB-1260	ND		0.50	0.25	ug/L		10/31/19 15:20	11/03/19 17:49	1
PCB-1262	ND		0.50	0.25	ug/L		10/31/19 15:20	11/03/19 17:49	1
PCB-1268	ND		0.50	0.25	ug/L		10/31/19 15:20	11/03/19 17:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	69		39 - 121	10/31/19 15:20	11/03/19 17:49	1
Tetrachloro-m-xylene	60		39 - 121	10/31/19 15:20	11/03/19 17:49	1
DCB Decachlorobiphenyl	55		19 - 120	10/31/19 15:20	11/03/19 17:49	1
DCB Decachlorobiphenyl	71		19 - 120	10/31/19 15:20	11/03/19 17:49	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		10/26/19 11:19	10/27/19 13:42	1
Antimony	ND		0.020	0.0068	mg/L		10/26/19 11:19	10/27/19 13:42	1
Arsenic	0.0068	J	0.015	0.0056	mg/L		10/26/19 11:19	10/27/19 13:42	1
Barium	0.10		0.0020	0.00070	mg/L		10/26/19 11:19	10/27/19 13:42	1
Beryllium	ND		0.0020	0.00030	mg/L		10/26/19 11:19	10/27/19 13:42	1
Cadmium	0.00064	J	0.0020	0.00050	mg/L		10/26/19 11:19	10/27/19 13:42	1
Calcium	180		0.50	0.10	mg/L		10/26/19 11:19	10/27/19 13:42	1
Chromium	ND		0.0040	0.0010	mg/L		10/26/19 11:19	10/27/19 13:42	1
Cobalt	0.0017	J	0.0040	0.00063	mg/L		10/26/19 11:19	10/27/19 13:42	1
Copper	ND		0.010	0.0016	mg/L		10/26/19 11:19	10/27/19 13:42	1
Iron	0.89		0.050	0.019	mg/L		10/26/19 11:19	10/27/19 13:42	1
Lead	ND		0.010	0.0030	mg/L		10/26/19 11:19	10/27/19 13:42	1
Magnesium	74.3		0.20	0.043	mg/L		10/26/19 11:19	10/27/19 13:42	1
Manganese	0.57		0.0030	0.00040	mg/L		10/26/19 11:19	10/27/19 13:42	1
Nickel	0.0026	J	0.010	0.0013	mg/L		10/26/19 11:19	10/27/19 13:42	1
Potassium	10.1		0.50	0.10	mg/L		10/26/19 11:19	10/27/19 13:42	1
Selenium	ND		0.025	0.0087	mg/L		10/26/19 11:19	10/27/19 13:42	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161562-1

Client Sample ID: LPZ-11S DUP

Lab Sample ID: 480-161562-4

Date Collected: 10/24/19 10:15

Matrix: Water

Date Received: 10/24/19 17:25

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		10/26/19 11:19	10/27/19 13:42	1
Sodium	36.1		1.0	0.32	mg/L		10/26/19 11:19	10/27/19 13:42	1
Thallium	ND		0.020	0.010	mg/L		10/26/19 11:19	10/27/19 13:42	1
Vanadium	ND		0.0050	0.0015	mg/L		10/26/19 11:19	10/27/19 13:42	1
Zinc	0.0052	J B	0.010	0.0015	mg/L		10/26/19 11:19	10/27/19 13:42	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/04/19 11:22	11/04/19 15:07	1

Well LPZ-12S

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-124643-1

Client Sample ID: NS-LPZ12S-GW

Lab Sample ID: 480-124643-1

Date Collected: 09/21/17 13:20

Matrix: Water

Date Received: 09/21/17 16:10

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			09/26/17 15:30	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			09/26/17 15:30	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			09/26/17 15:30	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			09/26/17 15:30	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			09/26/17 15:30	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			09/26/17 15:30	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			09/26/17 15:30	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			09/26/17 15:30	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			09/26/17 15:30	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			09/26/17 15:30	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			09/26/17 15:30	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			09/26/17 15:30	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			09/26/17 15:30	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			09/26/17 15:30	2
2-Butanone (MEK)	ND		20	2.6	ug/L			09/26/17 15:30	2
2-Hexanone	ND		10	2.5	ug/L			09/26/17 15:30	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			09/26/17 15:30	2
Acetone	9.5	J	20	6.0	ug/L			09/26/17 15:30	2
Benzene	1.9	J	2.0	0.82	ug/L			09/26/17 15:30	2
Bromodichloromethane	ND		2.0	0.78	ug/L			09/26/17 15:30	2
Bromoform	ND		2.0	0.52	ug/L			09/26/17 15:30	2
Bromomethane	ND		2.0	1.4	ug/L			09/26/17 15:30	2
Carbon disulfide	ND		2.0	0.38	ug/L			09/26/17 15:30	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			09/26/17 15:30	2
Chlorobenzene	ND		2.0	1.5	ug/L			09/26/17 15:30	2
Chloroethane	ND		2.0	0.64	ug/L			09/26/17 15:30	2
Chloroform	ND		2.0	0.68	ug/L			09/26/17 15:30	2
Chloromethane	ND		2.0	0.70	ug/L			09/26/17 15:30	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			09/26/17 15:30	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			09/26/17 15:30	2
Cyclohexane	ND		2.0	0.36	ug/L			09/26/17 15:30	2
Dibromochloromethane	ND		2.0	0.64	ug/L			09/26/17 15:30	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			09/26/17 15:30	2
Ethylbenzene	ND		2.0	1.5	ug/L			09/26/17 15:30	2
Isopropylbenzene	ND		2.0	1.6	ug/L			09/26/17 15:30	2
Methyl acetate	ND		5.0	2.6	ug/L			09/26/17 15:30	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			09/26/17 15:30	2
Methylcyclohexane	ND		2.0	0.32	ug/L			09/26/17 15:30	2
Methylene Chloride	ND		2.0	0.88	ug/L			09/26/17 15:30	2
Styrene	ND		2.0	1.5	ug/L			09/26/17 15:30	2
Tetrachloroethene	ND		2.0	0.72	ug/L			09/26/17 15:30	2
Toluene	ND		2.0	1.0	ug/L			09/26/17 15:30	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			09/26/17 15:30	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			09/26/17 15:30	2
Trichloroethene	ND		2.0	0.92	ug/L			09/26/17 15:30	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			09/26/17 15:30	2
Vinyl chloride	ND		2.0	1.8	ug/L			09/26/17 15:30	2
Xylenes, Total	ND		4.0	1.3	ug/L			09/26/17 15:30	2

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-124643-1

Client Sample ID: NS-LPZ12S-GW

Lab Sample ID: 480-124643-1

Date Collected: 09/21/17 13:20

Matrix: Water

Date Received: 09/21/17 16:10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	79		77 - 120		09/26/17 15:30	2
4-Bromofluorobenzene (Surr)	102		73 - 120		09/26/17 15:30	2
Toluene-d8 (Surr)	85		80 - 120		09/26/17 15:30	2

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		09/22/17 14:23	09/25/17 18:09	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		09/22/17 14:23	09/25/17 18:09	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		09/22/17 14:23	09/25/17 18:09	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		09/22/17 14:23	09/25/17 18:09	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		09/22/17 14:23	09/25/17 18:09	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		09/22/17 14:23	09/25/17 18:09	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		09/22/17 14:23	09/25/17 18:09	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		09/22/17 14:23	09/25/17 18:09	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		09/22/17 14:23	09/25/17 18:09	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		09/22/17 14:23	09/25/17 18:09	1
2-Chlorophenol	ND		5.0	0.53	ug/L		09/22/17 14:23	09/25/17 18:09	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		09/22/17 14:23	09/25/17 18:09	1
2-Methylphenol	ND		5.0	0.40	ug/L		09/22/17 14:23	09/25/17 18:09	1
2-Nitroaniline	ND		10	0.42	ug/L		09/22/17 14:23	09/25/17 18:09	1
2-Nitrophenol	ND		5.0	0.48	ug/L		09/22/17 14:23	09/25/17 18:09	1
3,3'-Dichlorobenzidine	ND *		5.0	0.40	ug/L		09/22/17 14:23	09/25/17 18:09	1
3-Nitroaniline	ND *		10	0.48	ug/L		09/22/17 14:23	09/25/17 18:09	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		09/22/17 14:23	09/25/17 18:09	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		09/22/17 14:23	09/25/17 18:09	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		09/22/17 14:23	09/25/17 18:09	1
4-Chloroaniline	ND		5.0	0.59	ug/L		09/22/17 14:23	09/25/17 18:09	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		09/22/17 14:23	09/25/17 18:09	1
4-Methylphenol	ND		10	0.36	ug/L		09/22/17 14:23	09/25/17 18:09	1
4-Nitroaniline	ND		10	0.25	ug/L		09/22/17 14:23	09/25/17 18:09	1
4-Nitrophenol	ND		10	1.5	ug/L		09/22/17 14:23	09/25/17 18:09	1
Acenaphthene	ND		5.0	0.41	ug/L		09/22/17 14:23	09/25/17 18:09	1
Acenaphthylene	ND		5.0	0.38	ug/L		09/22/17 14:23	09/25/17 18:09	1
Acetophenone	ND		5.0	0.54	ug/L		09/22/17 14:23	09/25/17 18:09	1
Anthracene	ND		5.0	0.28	ug/L		09/22/17 14:23	09/25/17 18:09	1
Atrazine	ND		5.0	0.46	ug/L		09/22/17 14:23	09/25/17 18:09	1
Benzaldehyde	ND		5.0	0.27	ug/L		09/22/17 14:23	09/25/17 18:09	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		09/22/17 14:23	09/25/17 18:09	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		09/22/17 14:23	09/25/17 18:09	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		09/22/17 14:23	09/25/17 18:09	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		09/22/17 14:23	09/25/17 18:09	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		09/22/17 14:23	09/25/17 18:09	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		09/22/17 14:23	09/25/17 18:09	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		09/22/17 14:23	09/25/17 18:09	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		09/22/17 14:23	09/25/17 18:09	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		09/22/17 14:23	09/25/17 18:09	1
Caprolactam	ND		5.0	2.2	ug/L		09/22/17 14:23	09/25/17 18:09	1
Carbazole	ND *		5.0	0.30	ug/L		09/22/17 14:23	09/25/17 18:09	1
Chrysene	ND		5.0	0.33	ug/L		09/22/17 14:23	09/25/17 18:09	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		09/22/17 14:23	09/25/17 18:09	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-124643-1

Client Sample ID: NS-LPZ12S-GW

Lab Sample ID: 480-124643-1

Date Collected: 09/21/17 13:20

Matrix: Water

Date Received: 09/21/17 16:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		09/22/17 14:23	09/25/17 18:09	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		09/22/17 14:23	09/25/17 18:09	1
Dibenzofuran	ND		10	0.51	ug/L		09/22/17 14:23	09/25/17 18:09	1
Diethyl phthalate	0.48	J	5.0	0.22	ug/L		09/22/17 14:23	09/25/17 18:09	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		09/22/17 14:23	09/25/17 18:09	1
Fluoranthene	ND		5.0	0.40	ug/L		09/22/17 14:23	09/25/17 18:09	1
Fluorene	ND		5.0	0.36	ug/L		09/22/17 14:23	09/25/17 18:09	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		09/22/17 14:23	09/25/17 18:09	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		09/22/17 14:23	09/25/17 18:09	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		09/22/17 14:23	09/25/17 18:09	1
Hexachloroethane	ND		5.0	0.59	ug/L		09/22/17 14:23	09/25/17 18:09	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		09/22/17 14:23	09/25/17 18:09	1
Isophorone	ND		5.0	0.43	ug/L		09/22/17 14:23	09/25/17 18:09	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		09/22/17 14:23	09/25/17 18:09	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		09/22/17 14:23	09/25/17 18:09	1
Naphthalene	ND		5.0	0.76	ug/L		09/22/17 14:23	09/25/17 18:09	1
Nitrobenzene	ND		5.0	0.29	ug/L		09/22/17 14:23	09/25/17 18:09	1
Pentachlorophenol	ND		10	2.2	ug/L		09/22/17 14:23	09/25/17 18:09	1
Phenanthrene	ND		5.0	0.44	ug/L		09/22/17 14:23	09/25/17 18:09	1
Phenol	ND		5.0	0.39	ug/L		09/22/17 14:23	09/25/17 18:09	1
Pyrene	ND		5.0	0.34	ug/L		09/22/17 14:23	09/25/17 18:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	116		41 - 120	09/22/17 14:23	09/25/17 18:09	1
2-Fluorobiphenyl	96		48 - 120	09/22/17 14:23	09/25/17 18:09	1
2-Fluorophenol	74		35 - 120	09/22/17 14:23	09/25/17 18:09	1
Nitrobenzene-d5	98		46 - 120	09/22/17 14:23	09/25/17 18:09	1
p-Terphenyl-d14	88		59 - 136	09/22/17 14:23	09/25/17 18:09	1
Phenol-d5	56		22 - 120	09/22/17 14:23	09/25/17 18:09	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.017	J	0.050	0.0092	ug/L		09/22/17 14:36	09/24/17 12:04	1
4,4'-DDE	ND		0.050	0.012	ug/L		09/22/17 14:36	09/24/17 12:04	1
4,4'-DDT	0.022	J	0.050	0.011	ug/L		09/22/17 14:36	09/24/17 12:04	1
Aldrin	ND		0.050	0.0081	ug/L		09/22/17 14:36	09/24/17 12:04	1
alpha-BHC	ND		0.050	0.0077	ug/L		09/22/17 14:36	09/24/17 12:04	1
alpha-Chlordane	ND		0.050	0.015	ug/L		09/22/17 14:36	09/24/17 12:04	1
beta-BHC	ND		0.050	0.025	ug/L		09/22/17 14:36	09/24/17 12:04	1
delta-BHC	ND		0.050	0.010	ug/L		09/22/17 14:36	09/24/17 12:04	1
Dieldrin	ND		0.050	0.0098	ug/L		09/22/17 14:36	09/24/17 12:04	1
Endosulfan I	ND		0.050	0.011	ug/L		09/22/17 14:36	09/24/17 12:04	1
Endosulfan II	ND		0.050	0.012	ug/L		09/22/17 14:36	09/24/17 12:04	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		09/22/17 14:36	09/24/17 12:04	1
Endrin	ND		0.050	0.014	ug/L		09/22/17 14:36	09/24/17 12:04	1
Endrin aldehyde	ND		0.050	0.016	ug/L		09/22/17 14:36	09/24/17 12:04	1
Endrin ketone	ND		0.050	0.012	ug/L		09/22/17 14:36	09/24/17 12:04	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		09/22/17 14:36	09/24/17 12:04	1
gamma-Chlordane	ND		0.050	0.011	ug/L		09/22/17 14:36	09/24/17 12:04	1
Heptachlor	ND		0.050	0.0085	ug/L		09/22/17 14:36	09/24/17 12:04	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-124643-1

Client Sample ID: NS-LPZ12S-GW

Lab Sample ID: 480-124643-1

Date Collected: 09/21/17 13:20

Matrix: Water

Date Received: 09/21/17 16:10

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		0.050	0.0074	ug/L		09/22/17 14:36	09/24/17 12:04	1
Methoxychlor	ND		0.050	0.014	ug/L		09/22/17 14:36	09/24/17 12:04	1
Toxaphene	ND		0.50	0.12	ug/L		09/22/17 14:36	09/24/17 12:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	59		20 - 120				09/22/17 14:36	09/24/17 12:04	1
DCB Decachlorobiphenyl	72		20 - 120				09/22/17 14:36	09/24/17 12:04	1
Tetrachloro-m-xylene	102		44 - 120				09/22/17 14:36	09/24/17 12:04	1
Tetrachloro-m-xylene	99		44 - 120				09/22/17 14:36	09/24/17 12:04	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		09/22/17 14:44	09/23/17 15:16	1
PCB-1221	ND		0.50	0.18	ug/L		09/22/17 14:44	09/23/17 15:16	1
PCB-1232	ND		0.50	0.18	ug/L		09/22/17 14:44	09/23/17 15:16	1
PCB-1242	ND		0.50	0.18	ug/L		09/22/17 14:44	09/23/17 15:16	1
PCB-1248	ND		0.50	0.18	ug/L		09/22/17 14:44	09/23/17 15:16	1
PCB-1254	ND		0.50	0.25	ug/L		09/22/17 14:44	09/23/17 15:16	1
PCB-1260	ND		0.50	0.25	ug/L		09/22/17 14:44	09/23/17 15:16	1
PCB-1262	ND		0.50	0.25	ug/L		09/22/17 14:44	09/23/17 15:16	1
PCB-1268	ND		0.50	0.25	ug/L		09/22/17 14:44	09/23/17 15:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	65		39 - 121				09/22/17 14:44	09/23/17 15:16	1
Tetrachloro-m-xylene	55		39 - 121				09/22/17 14:44	09/23/17 15:16	1
DCB Decachlorobiphenyl	41		19 - 120				09/22/17 14:44	09/23/17 15:16	1
DCB Decachlorobiphenyl	29		19 - 120				09/22/17 14:44	09/23/17 15:16	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.21		0.20	0.060	mg/L		09/25/17 09:26	09/26/17 23:33	1
Antimony	ND		0.020	0.0068	mg/L		09/25/17 09:26	09/26/17 23:33	1
Arsenic	0.0068	J	0.015	0.0056	mg/L		09/25/17 09:26	09/26/17 23:33	1
Barium	0.33		0.0020	0.00070	mg/L		09/25/17 09:26	09/26/17 23:33	1
Beryllium	ND		0.0020	0.00030	mg/L		09/25/17 09:26	09/26/17 23:33	1
Cadmium	0.00065	J	0.0020	0.00050	mg/L		09/25/17 09:26	09/26/17 23:33	1
Calcium	228	B	0.50	0.10	mg/L		09/25/17 09:26	09/26/17 23:33	1
Chromium	0.0015	J	0.0040	0.0010	mg/L		09/25/17 09:26	09/26/17 23:33	1
Cobalt	0.0019	J	0.0040	0.00063	mg/L		09/25/17 09:26	09/26/17 23:33	1
Copper	ND	[^]	0.010	0.0016	mg/L		09/25/17 09:26	09/26/17 23:33	1
Iron	8.6		0.050	0.019	mg/L		09/25/17 09:26	09/26/17 23:33	1
Lead	0.0058	J	0.010	0.0030	mg/L		09/25/17 09:26	09/26/17 23:33	1
Magnesium	69.5		0.20	0.043	mg/L		09/25/17 09:26	09/26/17 23:33	1
Manganese	0.34	B	0.0030	0.00040	mg/L		09/25/17 09:26	09/26/17 23:33	1
Nickel	0.0069	J	0.010	0.0013	mg/L		09/25/17 09:26	09/26/17 23:33	1
Potassium	19.4		0.50	0.10	mg/L		09/25/17 09:26	09/26/17 23:33	1
Selenium	ND		0.025	0.0087	mg/L		09/25/17 09:26	09/26/17 23:33	1
Silver	ND		0.0060	0.0017	mg/L		09/25/17 09:26	09/26/17 23:33	1
Sodium	39.0		1.0	0.32	mg/L		09/25/17 09:26	09/26/17 23:33	1
Thallium	ND		0.020	0.010	mg/L		09/25/17 09:26	09/26/17 23:33	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-124643-1

Client Sample ID: NS-LPZ12S-GW

Lab Sample ID: 480-124643-1

Date Collected: 09/21/17 13:20

Matrix: Water

Date Received: 09/21/17 16:10

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	ND		0.0050	0.0015	mg/L		09/25/17 09:26	09/26/17 23:33	1
Zinc	0.015	B	0.010	0.0015	mg/L		09/25/17 09:26	09/26/17 23:33	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		09/25/17 09:00	09/26/17 22:50	1
Antimony	ND		0.020	0.0068	mg/L		09/25/17 09:00	09/26/17 22:50	1
Arsenic	ND		0.015	0.0056	mg/L		09/25/17 09:00	09/26/17 22:50	1
Barium	0.25		0.0020	0.00070	mg/L		09/25/17 09:00	09/26/17 22:50	1
Beryllium	ND		0.0020	0.00030	mg/L		09/25/17 09:00	09/26/17 22:50	1
Cadmium	0.00061	J	0.0020	0.00050	mg/L		09/25/17 09:00	09/26/17 22:50	1
Calcium	202		0.50	0.10	mg/L		09/25/17 09:00	09/26/17 22:50	1
Chromium	0.0010	J	0.0040	0.0010	mg/L		09/25/17 09:00	09/26/17 22:50	1
Cobalt	0.0026	J	0.0040	0.00063	mg/L		09/25/17 09:00	09/26/17 22:50	1
Copper	ND	^	0.010	0.0016	mg/L		09/25/17 09:00	09/26/17 22:50	1
Iron	0.36		0.050	0.019	mg/L		09/25/17 09:00	09/26/17 22:50	1
Lead	ND		0.010	0.0030	mg/L		09/25/17 09:00	09/26/17 22:50	1
Magnesium	62.3		0.20	0.043	mg/L		09/25/17 09:00	09/26/17 22:50	1
Manganese	0.37		0.0030	0.00040	mg/L		09/25/17 09:00	09/26/17 22:50	1
Nickel	0.0088	J	0.010	0.0013	mg/L		09/25/17 09:00	09/26/17 22:50	1
Potassium	17.6		0.50	0.10	mg/L		09/25/17 09:00	09/26/17 22:50	1
Selenium	ND		0.025	0.0087	mg/L		09/25/17 09:00	09/26/17 22:50	1
Silver	ND		0.0060	0.0017	mg/L		09/25/17 09:00	09/26/17 22:50	1
Sodium	35.5		1.0	0.32	mg/L		09/25/17 09:00	09/26/17 22:50	1
Thallium	ND		0.020	0.010	mg/L		09/25/17 09:00	09/26/17 22:50	1
Vanadium	ND		0.0050	0.0015	mg/L		09/25/17 09:00	09/26/17 22:50	1
Zinc	0.0085	J	0.010	0.0015	mg/L		09/25/17 09:00	09/26/17 22:50	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/22/17 11:45	09/22/17 15:18	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/25/17 11:50	09/25/17 17:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.9		2.5	1.4	mg/L			09/24/17 13:29	5
Sulfate	6.0	J	10.0	1.7	mg/L			09/24/17 13:29	5
Alkalinity, Total	966		5.0	0.79	mg/L			09/24/17 19:23	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161695-1

Client Sample ID: LPZ-12S

Lab Sample ID: 480-161695-2

Date Collected: 10/25/19 09:30

Matrix: Water

Date Received: 10/25/19 13:33

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			11/06/19 06:11	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			11/06/19 06:11	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			11/06/19 06:11	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			11/06/19 06:11	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			11/06/19 06:11	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			11/06/19 06:11	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			11/06/19 06:11	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			11/06/19 06:11	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			11/06/19 06:11	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			11/06/19 06:11	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			11/06/19 06:11	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			11/06/19 06:11	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			11/06/19 06:11	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			11/06/19 06:11	4
2-Butanone (MEK)	ND		40	5.3	ug/L			11/06/19 06:11	4
2-Hexanone	ND		20	5.0	ug/L			11/06/19 06:11	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			11/06/19 06:11	4
Acetone	ND		40	12	ug/L			11/06/19 06:11	4
Benzene	ND		4.0	1.6	ug/L			11/06/19 06:11	4
Bromodichloromethane	ND		4.0	1.6	ug/L			11/06/19 06:11	4
Bromoform	ND		4.0	1.0	ug/L			11/06/19 06:11	4
Bromomethane	ND		4.0	2.8	ug/L			11/06/19 06:11	4
Carbon disulfide	ND		4.0	0.76	ug/L			11/06/19 06:11	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			11/06/19 06:11	4
Chlorobenzene	ND		4.0	3.0	ug/L			11/06/19 06:11	4
Chloroethane	ND		4.0	1.3	ug/L			11/06/19 06:11	4
Chloroform	ND		4.0	1.4	ug/L			11/06/19 06:11	4
Chloromethane	ND		4.0	1.4	ug/L			11/06/19 06:11	4
cis-1,2-Dichloroethene	ND		4.0	3.2	ug/L			11/06/19 06:11	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			11/06/19 06:11	4
Cyclohexane	ND		4.0	0.72	ug/L			11/06/19 06:11	4
Dibromochloromethane	ND		4.0	1.3	ug/L			11/06/19 06:11	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			11/06/19 06:11	4
Ethylbenzene	ND		4.0	3.0	ug/L			11/06/19 06:11	4
Isopropylbenzene	ND		4.0	3.2	ug/L			11/06/19 06:11	4
Methyl acetate	ND		10	5.2	ug/L			11/06/19 06:11	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			11/06/19 06:11	4
Methylcyclohexane	ND		4.0	0.64	ug/L			11/06/19 06:11	4
Methylene Chloride	ND		4.0	1.8	ug/L			11/06/19 06:11	4
Styrene	ND		4.0	2.9	ug/L			11/06/19 06:11	4
Tetrachloroethene	ND		4.0	1.4	ug/L			11/06/19 06:11	4
Toluene	ND		4.0	2.0	ug/L			11/06/19 06:11	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			11/06/19 06:11	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			11/06/19 06:11	4
Trichloroethene	ND		4.0	1.8	ug/L			11/06/19 06:11	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			11/06/19 06:11	4
Vinyl chloride	ND		4.0	3.6	ug/L			11/06/19 06:11	4
Xylenes, Total	ND		8.0	2.6	ug/L			11/06/19 06:11	4

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161695-1

Client Sample ID: LPZ-12S

Lab Sample ID: 480-161695-2

Date Collected: 10/25/19 09:30

Matrix: Water

Date Received: 10/25/19 13:33

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		11/06/19 06:11	4
4-Bromofluorobenzene (Surr)	100		73 - 120		11/06/19 06:11	4
Toluene-d8 (Surr)	103		80 - 120		11/06/19 06:11	4

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.2	0.68	ug/L		10/31/19 08:19	10/31/19 19:40	1
bis (2-chloroisopropyl) ether	ND		5.2	0.54	ug/L		10/31/19 08:19	10/31/19 19:40	1
2,4,5-Trichlorophenol	ND		5.2	0.50	ug/L		10/31/19 08:19	10/31/19 19:40	1
2,4,6-Trichlorophenol	ND		5.2	0.64	ug/L		10/31/19 08:19	10/31/19 19:40	1
2,4-Dichlorophenol	ND		5.2	0.53	ug/L		10/31/19 08:19	10/31/19 19:40	1
2,4-Dimethylphenol	ND		5.2	0.52	ug/L		10/31/19 08:19	10/31/19 19:40	1
2,4-Dinitrophenol	ND		10	2.3	ug/L		10/31/19 08:19	10/31/19 19:40	1
2,4-Dinitrotoluene	ND		5.2	0.47	ug/L		10/31/19 08:19	10/31/19 19:40	1
2,6-Dinitrotoluene	ND		5.2	0.42	ug/L		10/31/19 08:19	10/31/19 19:40	1
2-Chloronaphthalene	ND		5.2	0.48	ug/L		10/31/19 08:19	10/31/19 19:40	1
2-Chlorophenol	ND		5.2	0.55	ug/L		10/31/19 08:19	10/31/19 19:40	1
2-Methylnaphthalene	ND		5.2	0.63	ug/L		10/31/19 08:19	10/31/19 19:40	1
2-Methylphenol	ND		5.2	0.42	ug/L		10/31/19 08:19	10/31/19 19:40	1
2-Nitroaniline	ND		10	0.44	ug/L		10/31/19 08:19	10/31/19 19:40	1
2-Nitrophenol	ND		5.2	0.50	ug/L		10/31/19 08:19	10/31/19 19:40	1
3,3'-Dichlorobenzidine	ND		5.2	0.42	ug/L		10/31/19 08:19	10/31/19 19:40	1
3-Nitroaniline	ND		10	0.50	ug/L		10/31/19 08:19	10/31/19 19:40	1
4,6-Dinitro-2-methylphenol	ND		10	2.3	ug/L		10/31/19 08:19	10/31/19 19:40	1
4-Bromophenyl phenyl ether	ND		5.2	0.47	ug/L		10/31/19 08:19	10/31/19 19:40	1
4-Chloro-3-methylphenol	ND		5.2	0.47	ug/L		10/31/19 08:19	10/31/19 19:40	1
4-Chloroaniline	ND		5.2	0.61	ug/L		10/31/19 08:19	10/31/19 19:40	1
4-Chlorophenyl phenyl ether	ND		5.2	0.36	ug/L		10/31/19 08:19	10/31/19 19:40	1
4-Methylphenol	ND		10	0.38	ug/L		10/31/19 08:19	10/31/19 19:40	1
4-Nitroaniline	ND		10	0.26	ug/L		10/31/19 08:19	10/31/19 19:40	1
4-Nitrophenol	ND		10	1.6	ug/L		10/31/19 08:19	10/31/19 19:40	1
Acenaphthene	ND		5.2	0.43	ug/L		10/31/19 08:19	10/31/19 19:40	1
Acenaphthylene	ND		5.2	0.40	ug/L		10/31/19 08:19	10/31/19 19:40	1
Acetophenone	ND		5.2	0.56	ug/L		10/31/19 08:19	10/31/19 19:40	1
Anthracene	ND		5.2	0.29	ug/L		10/31/19 08:19	10/31/19 19:40	1
Atrazine	ND		5.2	0.48	ug/L		10/31/19 08:19	10/31/19 19:40	1
Benzaldehyde	ND		5.2	0.28	ug/L		10/31/19 08:19	10/31/19 19:40	1
Benzo(a)anthracene	ND		5.2	0.38	ug/L		10/31/19 08:19	10/31/19 19:40	1
Benzo(a)pyrene	ND		5.2	0.49	ug/L		10/31/19 08:19	10/31/19 19:40	1
Benzo(b)fluoranthene	ND		5.2	0.35	ug/L		10/31/19 08:19	10/31/19 19:40	1
Benzo(g,h,i)perylene	ND		5.2	0.36	ug/L		10/31/19 08:19	10/31/19 19:40	1
Benzo(k)fluoranthene	ND		5.2	0.76	ug/L		10/31/19 08:19	10/31/19 19:40	1
Bis(2-chloroethoxy)methane	ND		5.2	0.36	ug/L		10/31/19 08:19	10/31/19 19:40	1
Bis(2-chloroethyl)ether	ND		5.2	0.42	ug/L		10/31/19 08:19	10/31/19 19:40	1
Bis(2-ethylhexyl) phthalate	ND		5.2	2.3	ug/L		10/31/19 08:19	10/31/19 19:40	1
Butyl benzyl phthalate	ND		5.2	1.0	ug/L		10/31/19 08:19	10/31/19 19:40	1
Caprolactam	ND		5.2	2.3	ug/L		10/31/19 08:19	10/31/19 19:40	1
Carbazole	ND		5.2	0.31	ug/L		10/31/19 08:19	10/31/19 19:40	1
Chrysene	ND		5.2	0.34	ug/L		10/31/19 08:19	10/31/19 19:40	1
Di-n-butyl phthalate	ND		5.2	0.32	ug/L		10/31/19 08:19	10/31/19 19:40	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161695-1

Client Sample ID: LPZ-12S

Lab Sample ID: 480-161695-2

Date Collected: 10/25/19 09:30

Matrix: Water

Date Received: 10/25/19 13:33

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.2	0.49	ug/L		10/31/19 08:19	10/31/19 19:40	1
Dibenz(a,h)anthracene	ND		5.2	0.44	ug/L		10/31/19 08:19	10/31/19 19:40	1
Dibenzofuran	ND		10	0.53	ug/L		10/31/19 08:19	10/31/19 19:40	1
Diethyl phthalate	0.35	J	5.2	0.23	ug/L		10/31/19 08:19	10/31/19 19:40	1
Dimethyl phthalate	ND		5.2	0.38	ug/L		10/31/19 08:19	10/31/19 19:40	1
Fluoranthene	ND		5.2	0.42	ug/L		10/31/19 08:19	10/31/19 19:40	1
Fluorene	ND		5.2	0.38	ug/L		10/31/19 08:19	10/31/19 19:40	1
Hexachlorobenzene	ND		5.2	0.53	ug/L		10/31/19 08:19	10/31/19 19:40	1
Hexachlorobutadiene	ND		5.2	0.71	ug/L		10/31/19 08:19	10/31/19 19:40	1
Hexachlorocyclopentadiene	ND		5.2	0.61	ug/L		10/31/19 08:19	10/31/19 19:40	1
Hexachloroethane	ND		5.2	0.61	ug/L		10/31/19 08:19	10/31/19 19:40	1
Indeno(1,2,3-cd)pyrene	ND		5.2	0.49	ug/L		10/31/19 08:19	10/31/19 19:40	1
Isophorone	ND		5.2	0.45	ug/L		10/31/19 08:19	10/31/19 19:40	1
N-Nitrosodi-n-propylamine	ND		5.2	0.56	ug/L		10/31/19 08:19	10/31/19 19:40	1
N-Nitrosodiphenylamine	ND		5.2	0.53	ug/L		10/31/19 08:19	10/31/19 19:40	1
Naphthalene	ND		5.2	0.79	ug/L		10/31/19 08:19	10/31/19 19:40	1
Nitrobenzene	ND		5.2	0.30	ug/L		10/31/19 08:19	10/31/19 19:40	1
Pentachlorophenol	ND		10	2.3	ug/L		10/31/19 08:19	10/31/19 19:40	1
Phenanthrene	ND		5.2	0.46	ug/L		10/31/19 08:19	10/31/19 19:40	1
Phenol	ND		5.2	0.41	ug/L		10/31/19 08:19	10/31/19 19:40	1
Pyrene	ND		5.2	0.35	ug/L		10/31/19 08:19	10/31/19 19:40	1
Benzoic acid	ND		160	100	ug/L		10/31/19 08:19	10/31/19 19:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	100		41 - 120	10/31/19 08:19	10/31/19 19:40	1
2-Fluorobiphenyl	105		48 - 120	10/31/19 08:19	10/31/19 19:40	1
2-Fluorophenol	67		35 - 120	10/31/19 08:19	10/31/19 19:40	1
Nitrobenzene-d5	89		46 - 120	10/31/19 08:19	10/31/19 19:40	1
p-Terphenyl-d14	83		60 - 148	10/31/19 08:19	10/31/19 19:40	1
Phenol-d5	52		22 - 120	10/31/19 08:19	10/31/19 19:40	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		10/30/19 15:04	10/31/19 16:37	1
4,4'-DDE	ND		0.050	0.012	ug/L		10/30/19 15:04	10/31/19 16:37	1
4,4'-DDT	ND		0.050	0.011	ug/L		10/30/19 15:04	10/31/19 16:37	1
Aldrin	ND		0.050	0.0081	ug/L		10/30/19 15:04	10/31/19 16:37	1
alpha-BHC	ND		0.050	0.0077	ug/L		10/30/19 15:04	10/31/19 16:37	1
cis-Chlordane	ND		0.050	0.015	ug/L		10/30/19 15:04	10/31/19 16:37	1
beta-BHC	ND		0.050	0.025	ug/L		10/30/19 15:04	10/31/19 16:37	1
delta-BHC	ND		0.050	0.010	ug/L		10/30/19 15:04	10/31/19 16:37	1
Dieldrin	ND		0.050	0.0098	ug/L		10/30/19 15:04	10/31/19 16:37	1
Endosulfan I	ND		0.050	0.011	ug/L		10/30/19 15:04	10/31/19 16:37	1
Endosulfan II	ND		0.050	0.012	ug/L		10/30/19 15:04	10/31/19 16:37	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		10/30/19 15:04	10/31/19 16:37	1
Endrin	ND		0.050	0.014	ug/L		10/30/19 15:04	10/31/19 16:37	1
Endrin aldehyde	ND		0.050	0.016	ug/L		10/30/19 15:04	10/31/19 16:37	1
Endrin ketone	ND		0.050	0.012	ug/L		10/30/19 15:04	10/31/19 16:37	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		10/30/19 15:04	10/31/19 16:37	1
trans-Chlordane	ND		0.050	0.011	ug/L		10/30/19 15:04	10/31/19 16:37	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161695-1

Client Sample ID: LPZ-12S

Lab Sample ID: 480-161695-2

Date Collected: 10/25/19 09:30

Matrix: Water

Date Received: 10/25/19 13:33

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.050	0.0085	ug/L		10/30/19 15:04	10/31/19 16:37	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		10/30/19 15:04	10/31/19 16:37	1
Methoxychlor	ND		0.050	0.014	ug/L		10/30/19 15:04	10/31/19 16:37	1
Toxaphene	ND		0.50	0.12	ug/L		10/30/19 15:04	10/31/19 16:37	1
Mirex	ND		0.050	0.0096	ug/L		10/30/19 15:04	10/31/19 16:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	76		20 - 120	10/30/19 15:04	10/31/19 16:37	1
DCB Decachlorobiphenyl	85		20 - 120	10/30/19 15:04	10/31/19 16:37	1
Tetrachloro-m-xylene	93		44 - 120	10/30/19 15:04	10/31/19 16:37	1
Tetrachloro-m-xylene	87		44 - 120	10/30/19 15:04	10/31/19 16:37	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/07/19 15:22	11/08/19 11:16	1
PCB-1221	ND		0.50	0.18	ug/L		11/07/19 15:22	11/08/19 11:16	1
PCB-1232	ND		0.50	0.18	ug/L		11/07/19 15:22	11/08/19 11:16	1
PCB-1242	ND		0.50	0.18	ug/L		11/07/19 15:22	11/08/19 11:16	1
PCB-1248	ND		0.50	0.18	ug/L		11/07/19 15:22	11/08/19 11:16	1
PCB-1254	ND		0.50	0.25	ug/L		11/07/19 15:22	11/08/19 11:16	1
PCB-1260	ND		0.50	0.25	ug/L		11/07/19 15:22	11/08/19 11:16	1
PCB-1262	ND		0.50	0.25	ug/L		11/07/19 15:22	11/08/19 11:16	1
PCB-1268	ND		0.50	0.25	ug/L		11/07/19 15:22	11/08/19 11:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	76		39 - 121	11/07/19 15:22	11/08/19 11:16	1
Tetrachloro-m-xylene	60		39 - 121	11/07/19 15:22	11/08/19 11:16	1
DCB Decachlorobiphenyl	59		19 - 120	11/07/19 15:22	11/08/19 11:16	1
DCB Decachlorobiphenyl	45		19 - 120	11/07/19 15:22	11/08/19 11:16	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		10/30/19 08:47	10/30/19 22:04	1
Antimony	ND		0.020	0.0068	mg/L		10/30/19 08:47	10/30/19 22:04	1
Arsenic	0.024		0.015	0.0056	mg/L		10/30/19 08:47	10/30/19 22:04	1
Barium	0.33		0.0020	0.00070	mg/L		10/30/19 08:47	10/30/19 22:04	1
Beryllium	ND		0.0020	0.00030	mg/L		10/30/19 08:47	10/30/19 22:04	1
Cadmium	ND		0.0020	0.00050	mg/L		10/30/19 08:47	10/30/19 22:04	1
Calcium	164		0.50	0.10	mg/L		10/30/19 08:47	10/30/19 22:04	1
Chromium	ND		0.0040	0.0010	mg/L		10/30/19 08:47	10/30/19 22:04	1
Cobalt	ND		0.0040	0.00063	mg/L		10/30/19 08:47	10/30/19 22:04	1
Copper	0.0027	J	0.010	0.0016	mg/L		10/30/19 08:47	10/30/19 22:04	1
Iron	12.8		0.050	0.019	mg/L		10/30/19 08:47	10/30/19 22:04	1
Lead	0.0037	J	0.010	0.0030	mg/L		10/30/19 08:47	10/30/19 22:04	1
Magnesium	52.9		0.20	0.043	mg/L		10/30/19 08:47	10/30/19 22:04	1
Manganese	0.26		0.0030	0.00040	mg/L		10/30/19 08:47	10/30/19 22:04	1
Nickel	0.0022	J	0.010	0.0013	mg/L		10/30/19 08:47	10/30/19 22:04	1
Potassium	12.2		0.50	0.10	mg/L		10/30/19 08:47	10/30/19 22:04	1
Selenium	ND		0.025	0.0087	mg/L		10/30/19 08:47	10/30/19 22:04	1
Silver	ND		0.0060	0.0017	mg/L		10/30/19 08:47	10/30/19 22:04	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161695-1

Client Sample ID: LPZ-12S

Lab Sample ID: 480-161695-2

Date Collected: 10/25/19 09:30

Matrix: Water

Date Received: 10/25/19 13:33

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	32.5		1.0	0.32	mg/L		10/30/19 08:47	10/30/19 22:04	1
Thallium	ND		0.020	0.010	mg/L		10/30/19 08:47	10/30/19 22:04	1
Vanadium	0.0015	J	0.0050	0.0015	mg/L		10/30/19 08:47	10/30/19 22:04	1
Zinc	0.0030	J B	0.010	0.0015	mg/L		10/30/19 08:47	10/30/19 22:04	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/07/19 11:15	11/07/19 15:59	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161695-1

Client Sample ID: LPZ-12S DUP

Lab Sample ID: 480-161695-3

Date Collected: 10/25/19 09:30

Matrix: Water

Date Received: 10/25/19 13:33

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			11/06/19 06:35	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			11/06/19 06:35	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			11/06/19 06:35	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			11/06/19 06:35	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			11/06/19 06:35	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			11/06/19 06:35	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			11/06/19 06:35	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			11/06/19 06:35	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			11/06/19 06:35	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			11/06/19 06:35	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			11/06/19 06:35	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			11/06/19 06:35	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			11/06/19 06:35	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			11/06/19 06:35	4
2-Butanone (MEK)	ND		40	5.3	ug/L			11/06/19 06:35	4
2-Hexanone	ND		20	5.0	ug/L			11/06/19 06:35	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			11/06/19 06:35	4
Acetone	ND		40	12	ug/L			11/06/19 06:35	4
Benzene	ND		4.0	1.6	ug/L			11/06/19 06:35	4
Bromodichloromethane	ND		4.0	1.6	ug/L			11/06/19 06:35	4
Bromoform	ND		4.0	1.0	ug/L			11/06/19 06:35	4
Bromomethane	ND		4.0	2.8	ug/L			11/06/19 06:35	4
Carbon disulfide	ND		4.0	0.76	ug/L			11/06/19 06:35	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			11/06/19 06:35	4
Chlorobenzene	ND		4.0	3.0	ug/L			11/06/19 06:35	4
Chloroethane	ND		4.0	1.3	ug/L			11/06/19 06:35	4
Chloroform	ND		4.0	1.4	ug/L			11/06/19 06:35	4
Chloromethane	ND		4.0	1.4	ug/L			11/06/19 06:35	4
cis-1,2-Dichloroethene	ND		4.0	3.2	ug/L			11/06/19 06:35	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			11/06/19 06:35	4
Cyclohexane	ND		4.0	0.72	ug/L			11/06/19 06:35	4
Dibromochloromethane	ND		4.0	1.3	ug/L			11/06/19 06:35	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			11/06/19 06:35	4
Ethylbenzene	ND		4.0	3.0	ug/L			11/06/19 06:35	4
Isopropylbenzene	ND		4.0	3.2	ug/L			11/06/19 06:35	4
Methyl acetate	ND		10	5.2	ug/L			11/06/19 06:35	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			11/06/19 06:35	4
Methylcyclohexane	ND		4.0	0.64	ug/L			11/06/19 06:35	4
Methylene Chloride	ND		4.0	1.8	ug/L			11/06/19 06:35	4
Styrene	ND		4.0	2.9	ug/L			11/06/19 06:35	4
Tetrachloroethene	ND		4.0	1.4	ug/L			11/06/19 06:35	4
Toluene	ND		4.0	2.0	ug/L			11/06/19 06:35	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			11/06/19 06:35	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			11/06/19 06:35	4
Trichloroethene	ND		4.0	1.8	ug/L			11/06/19 06:35	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			11/06/19 06:35	4
Vinyl chloride	ND		4.0	3.6	ug/L			11/06/19 06:35	4
Xylenes, Total	ND		8.0	2.6	ug/L			11/06/19 06:35	4

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161695-1

Client Sample ID: LPZ-12S DUP

Lab Sample ID: 480-161695-3

Date Collected: 10/25/19 09:30

Matrix: Water

Date Received: 10/25/19 13:33

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		11/06/19 06:35	4
4-Bromofluorobenzene (Surr)	104		73 - 120		11/06/19 06:35	4
Toluene-d8 (Surr)	99		80 - 120		11/06/19 06:35	4

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.4	0.71	ug/L		10/31/19 08:19	10/31/19 20:08	1
bis (2-chloroisopropyl) ether	ND		5.4	0.57	ug/L		10/31/19 08:19	10/31/19 20:08	1
2,4,5-Trichlorophenol	ND		5.4	0.52	ug/L		10/31/19 08:19	10/31/19 20:08	1
2,4,6-Trichlorophenol	ND		5.4	0.66	ug/L		10/31/19 08:19	10/31/19 20:08	1
2,4-Dichlorophenol	ND		5.4	0.55	ug/L		10/31/19 08:19	10/31/19 20:08	1
2,4-Dimethylphenol	ND		5.4	0.54	ug/L		10/31/19 08:19	10/31/19 20:08	1
2,4-Dinitrophenol	ND		11	2.4	ug/L		10/31/19 08:19	10/31/19 20:08	1
2,4-Dinitrotoluene	ND		5.4	0.49	ug/L		10/31/19 08:19	10/31/19 20:08	1
2,6-Dinitrotoluene	ND		5.4	0.43	ug/L		10/31/19 08:19	10/31/19 20:08	1
2-Chloronaphthalene	ND		5.4	0.50	ug/L		10/31/19 08:19	10/31/19 20:08	1
2-Chlorophenol	ND		5.4	0.58	ug/L		10/31/19 08:19	10/31/19 20:08	1
2-Methylnaphthalene	ND		5.4	0.65	ug/L		10/31/19 08:19	10/31/19 20:08	1
2-Methylphenol	ND		5.4	0.43	ug/L		10/31/19 08:19	10/31/19 20:08	1
2-Nitroaniline	ND		11	0.46	ug/L		10/31/19 08:19	10/31/19 20:08	1
2-Nitrophenol	ND		5.4	0.52	ug/L		10/31/19 08:19	10/31/19 20:08	1
3,3'-Dichlorobenzidine	ND		5.4	0.43	ug/L		10/31/19 08:19	10/31/19 20:08	1
3-Nitroaniline	ND		11	0.52	ug/L		10/31/19 08:19	10/31/19 20:08	1
4,6-Dinitro-2-methylphenol	ND		11	2.4	ug/L		10/31/19 08:19	10/31/19 20:08	1
4-Bromophenyl phenyl ether	ND		5.4	0.49	ug/L		10/31/19 08:19	10/31/19 20:08	1
4-Chloro-3-methylphenol	ND		5.4	0.49	ug/L		10/31/19 08:19	10/31/19 20:08	1
4-Chloroaniline	ND		5.4	0.64	ug/L		10/31/19 08:19	10/31/19 20:08	1
4-Chlorophenyl phenyl ether	ND		5.4	0.38	ug/L		10/31/19 08:19	10/31/19 20:08	1
4-Methylphenol	ND		11	0.39	ug/L		10/31/19 08:19	10/31/19 20:08	1
4-Nitroaniline	ND		11	0.27	ug/L		10/31/19 08:19	10/31/19 20:08	1
4-Nitrophenol	ND		11	1.7	ug/L		10/31/19 08:19	10/31/19 20:08	1
Acenaphthene	ND		5.4	0.45	ug/L		10/31/19 08:19	10/31/19 20:08	1
Acenaphthylene	ND		5.4	0.41	ug/L		10/31/19 08:19	10/31/19 20:08	1
Acetophenone	ND		5.4	0.59	ug/L		10/31/19 08:19	10/31/19 20:08	1
Anthracene	ND		5.4	0.30	ug/L		10/31/19 08:19	10/31/19 20:08	1
Atrazine	ND		5.4	0.50	ug/L		10/31/19 08:19	10/31/19 20:08	1
Benzaldehyde	ND		5.4	0.29	ug/L		10/31/19 08:19	10/31/19 20:08	1
Benzo(a)anthracene	ND		5.4	0.39	ug/L		10/31/19 08:19	10/31/19 20:08	1
Benzo(a)pyrene	ND		5.4	0.51	ug/L		10/31/19 08:19	10/31/19 20:08	1
Benzo(b)fluoranthene	ND		5.4	0.37	ug/L		10/31/19 08:19	10/31/19 20:08	1
Benzo(g,h,i)perylene	ND		5.4	0.38	ug/L		10/31/19 08:19	10/31/19 20:08	1
Benzo(k)fluoranthene	ND		5.4	0.79	ug/L		10/31/19 08:19	10/31/19 20:08	1
Bis(2-chloroethoxy)methane	ND		5.4	0.38	ug/L		10/31/19 08:19	10/31/19 20:08	1
Bis(2-chloroethyl)ether	ND		5.4	0.43	ug/L		10/31/19 08:19	10/31/19 20:08	1
Bis(2-ethylhexyl) phthalate	ND		5.4	2.4	ug/L		10/31/19 08:19	10/31/19 20:08	1
Butyl benzyl phthalate	ND		5.4	1.1	ug/L		10/31/19 08:19	10/31/19 20:08	1
Caprolactam	ND		5.4	2.4	ug/L		10/31/19 08:19	10/31/19 20:08	1
Carbazole	ND		5.4	0.33	ug/L		10/31/19 08:19	10/31/19 20:08	1
Chrysene	ND		5.4	0.36	ug/L		10/31/19 08:19	10/31/19 20:08	1
Di-n-butyl phthalate	ND		5.4	0.34	ug/L		10/31/19 08:19	10/31/19 20:08	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161695-1

Client Sample ID: LPZ-12S DUP

Lab Sample ID: 480-161695-3

Date Collected: 10/25/19 09:30

Matrix: Water

Date Received: 10/25/19 13:33

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.4	0.51	ug/L		10/31/19 08:19	10/31/19 20:08	1
Dibenz(a,h)anthracene	ND		5.4	0.46	ug/L		10/31/19 08:19	10/31/19 20:08	1
Dibenzofuran	ND		11	0.55	ug/L		10/31/19 08:19	10/31/19 20:08	1
Diethyl phthalate	0.31	J	5.4	0.24	ug/L		10/31/19 08:19	10/31/19 20:08	1
Dimethyl phthalate	ND		5.4	0.39	ug/L		10/31/19 08:19	10/31/19 20:08	1
Fluoranthene	ND		5.4	0.43	ug/L		10/31/19 08:19	10/31/19 20:08	1
Fluorene	ND		5.4	0.39	ug/L		10/31/19 08:19	10/31/19 20:08	1
Hexachlorobenzene	ND		5.4	0.55	ug/L		10/31/19 08:19	10/31/19 20:08	1
Hexachlorobutadiene	ND		5.4	0.74	ug/L		10/31/19 08:19	10/31/19 20:08	1
Hexachlorocyclopentadiene	ND		5.4	0.64	ug/L		10/31/19 08:19	10/31/19 20:08	1
Hexachloroethane	ND		5.4	0.64	ug/L		10/31/19 08:19	10/31/19 20:08	1
Indeno(1,2,3-cd)pyrene	ND		5.4	0.51	ug/L		10/31/19 08:19	10/31/19 20:08	1
Isophorone	ND		5.4	0.47	ug/L		10/31/19 08:19	10/31/19 20:08	1
N-Nitrosodi-n-propylamine	ND		5.4	0.59	ug/L		10/31/19 08:19	10/31/19 20:08	1
N-Nitrosodiphenylamine	ND		5.4	0.55	ug/L		10/31/19 08:19	10/31/19 20:08	1
Naphthalene	ND		5.4	0.83	ug/L		10/31/19 08:19	10/31/19 20:08	1
Nitrobenzene	ND		5.4	0.32	ug/L		10/31/19 08:19	10/31/19 20:08	1
Pentachlorophenol	ND		11	2.4	ug/L		10/31/19 08:19	10/31/19 20:08	1
Phenanthrene	ND		5.4	0.48	ug/L		10/31/19 08:19	10/31/19 20:08	1
Phenol	ND		5.4	0.42	ug/L		10/31/19 08:19	10/31/19 20:08	1
Pyrene	ND		5.4	0.37	ug/L		10/31/19 08:19	10/31/19 20:08	1
Benzoic acid	ND		160	110	ug/L		10/31/19 08:19	10/31/19 20:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	98		41 - 120	10/31/19 08:19	10/31/19 20:08	1
2-Fluorobiphenyl	101		48 - 120	10/31/19 08:19	10/31/19 20:08	1
2-Fluorophenol	64		35 - 120	10/31/19 08:19	10/31/19 20:08	1
Nitrobenzene-d5	84		46 - 120	10/31/19 08:19	10/31/19 20:08	1
p-Terphenyl-d14	86		60 - 148	10/31/19 08:19	10/31/19 20:08	1
Phenol-d5	50		22 - 120	10/31/19 08:19	10/31/19 20:08	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		10/30/19 15:04	10/31/19 16:57	1
4,4'-DDE	ND		0.050	0.012	ug/L		10/30/19 15:04	10/31/19 16:57	1
4,4'-DDT	ND		0.050	0.011	ug/L		10/30/19 15:04	10/31/19 16:57	1
Aldrin	ND		0.050	0.0081	ug/L		10/30/19 15:04	10/31/19 16:57	1
alpha-BHC	ND		0.050	0.0077	ug/L		10/30/19 15:04	10/31/19 16:57	1
cis-Chlordane	ND		0.050	0.015	ug/L		10/30/19 15:04	10/31/19 16:57	1
beta-BHC	ND		0.050	0.025	ug/L		10/30/19 15:04	10/31/19 16:57	1
delta-BHC	ND		0.050	0.010	ug/L		10/30/19 15:04	10/31/19 16:57	1
Dieldrin	ND		0.050	0.0098	ug/L		10/30/19 15:04	10/31/19 16:57	1
Endosulfan I	ND		0.050	0.011	ug/L		10/30/19 15:04	10/31/19 16:57	1
Endosulfan II	ND		0.050	0.012	ug/L		10/30/19 15:04	10/31/19 16:57	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		10/30/19 15:04	10/31/19 16:57	1
Endrin	ND		0.050	0.014	ug/L		10/30/19 15:04	10/31/19 16:57	1
Endrin aldehyde	ND		0.050	0.016	ug/L		10/30/19 15:04	10/31/19 16:57	1
Endrin ketone	ND		0.050	0.012	ug/L		10/30/19 15:04	10/31/19 16:57	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		10/30/19 15:04	10/31/19 16:57	1
trans-Chlordane	ND		0.050	0.011	ug/L		10/30/19 15:04	10/31/19 16:57	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161695-1

Client Sample ID: LPZ-12S DUP

Lab Sample ID: 480-161695-3

Date Collected: 10/25/19 09:30

Matrix: Water

Date Received: 10/25/19 13:33

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.050	0.0085	ug/L		10/30/19 15:04	10/31/19 16:57	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		10/30/19 15:04	10/31/19 16:57	1
Methoxychlor	ND		0.050	0.014	ug/L		10/30/19 15:04	10/31/19 16:57	1
Toxaphene	ND		0.50	0.12	ug/L		10/30/19 15:04	10/31/19 16:57	1
Mirex	ND		0.050	0.0096	ug/L		10/30/19 15:04	10/31/19 16:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	85		20 - 120	10/30/19 15:04	10/31/19 16:57	1
DCB Decachlorobiphenyl	70		20 - 120	10/30/19 15:04	10/31/19 16:57	1
Tetrachloro-m-xylene	95		44 - 120	10/30/19 15:04	10/31/19 16:57	1
Tetrachloro-m-xylene	91		44 - 120	10/30/19 15:04	10/31/19 16:57	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/07/19 15:22	11/08/19 11:29	1
PCB-1221	ND		0.50	0.18	ug/L		11/07/19 15:22	11/08/19 11:29	1
PCB-1232	ND		0.50	0.18	ug/L		11/07/19 15:22	11/08/19 11:29	1
PCB-1242	ND		0.50	0.18	ug/L		11/07/19 15:22	11/08/19 11:29	1
PCB-1248	ND		0.50	0.18	ug/L		11/07/19 15:22	11/08/19 11:29	1
PCB-1254	ND		0.50	0.25	ug/L		11/07/19 15:22	11/08/19 11:29	1
PCB-1260	ND		0.50	0.25	ug/L		11/07/19 15:22	11/08/19 11:29	1
PCB-1262	ND		0.50	0.25	ug/L		11/07/19 15:22	11/08/19 11:29	1
PCB-1268	ND		0.50	0.25	ug/L		11/07/19 15:22	11/08/19 11:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	72		39 - 121	11/07/19 15:22	11/08/19 11:29	1
Tetrachloro-m-xylene	58		39 - 121	11/07/19 15:22	11/08/19 11:29	1
DCB Decachlorobiphenyl	58		19 - 120	11/07/19 15:22	11/08/19 11:29	1
DCB Decachlorobiphenyl	43		19 - 120	11/07/19 15:22	11/08/19 11:29	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		10/30/19 08:47	10/30/19 22:08	1
Antimony	ND		0.020	0.0068	mg/L		10/30/19 08:47	10/30/19 22:08	1
Arsenic	0.022		0.015	0.0056	mg/L		10/30/19 08:47	10/30/19 22:08	1
Barium	0.33		0.0020	0.00070	mg/L		10/30/19 08:47	10/30/19 22:08	1
Beryllium	ND		0.0020	0.00030	mg/L		10/30/19 08:47	10/30/19 22:08	1
Cadmium	ND		0.0020	0.00050	mg/L		10/30/19 08:47	10/30/19 22:08	1
Calcium	159		0.50	0.10	mg/L		10/30/19 08:47	10/30/19 22:08	1
Chromium	ND		0.0040	0.0010	mg/L		10/30/19 08:47	10/30/19 22:08	1
Cobalt	ND		0.0040	0.00063	mg/L		10/30/19 08:47	10/30/19 22:08	1
Copper	0.0019	J	0.010	0.0016	mg/L		10/30/19 08:47	10/30/19 22:08	1
Iron	13.6		0.050	0.019	mg/L		10/30/19 08:47	10/30/19 22:08	1
Lead	ND		0.010	0.0030	mg/L		10/30/19 08:47	10/30/19 22:08	1
Magnesium	52.5		0.20	0.043	mg/L		10/30/19 08:47	10/30/19 22:08	1
Manganese	0.23		0.0030	0.00040	mg/L		10/30/19 08:47	10/30/19 22:08	1
Nickel	0.0023	J	0.010	0.0013	mg/L		10/30/19 08:47	10/30/19 22:08	1
Potassium	12.7		0.50	0.10	mg/L		10/30/19 08:47	10/30/19 22:08	1
Selenium	ND		0.025	0.0087	mg/L		10/30/19 08:47	10/30/19 22:08	1
Silver	ND		0.0060	0.0017	mg/L		10/30/19 08:47	10/30/19 22:08	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161695-1

Client Sample ID: LPZ-12S DUP

Lab Sample ID: 480-161695-3

Date Collected: 10/25/19 09:30

Matrix: Water

Date Received: 10/25/19 13:33

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	33.6		1.0	0.32	mg/L		10/30/19 08:47	10/30/19 22:08	1
Thallium	ND		0.020	0.010	mg/L		10/30/19 08:47	10/30/19 22:08	1
Vanadium	ND		0.0050	0.0015	mg/L		10/30/19 08:47	10/30/19 22:08	1
Zinc	0.0039	J B	0.010	0.0015	mg/L		10/30/19 08:47	10/30/19 22:08	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/07/19 11:15	11/07/19 16:00	1

Well LDP-01

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123215-1

Client Sample ID: NS-LDP-001-GW

Lab Sample ID: 480-123215-1

Date Collected: 08/24/17 00:00

Matrix: Water

Date Received: 08/24/17 17:02

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/29/17 03:15	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/29/17 03:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/29/17 03:15	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/29/17 03:15	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/29/17 03:15	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/29/17 03:15	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/29/17 03:15	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/29/17 03:15	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/29/17 03:15	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/29/17 03:15	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/29/17 03:15	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/29/17 03:15	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/29/17 03:15	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/29/17 03:15	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/29/17 03:15	1
2-Hexanone	ND		5.0	1.2	ug/L			08/29/17 03:15	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/29/17 03:15	1
Acetone	9.8	J	10	3.0	ug/L			08/29/17 03:15	1
Benzene	ND		1.0	0.41	ug/L			08/29/17 03:15	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/29/17 03:15	1
Bromoform	ND		1.0	0.26	ug/L			08/29/17 03:15	1
Bromomethane	ND		1.0	0.69	ug/L			08/29/17 03:15	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/29/17 03:15	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/29/17 03:15	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/29/17 03:15	1
Chloroethane	ND		1.0	0.32	ug/L			08/29/17 03:15	1
Chloroform	ND		1.0	0.34	ug/L			08/29/17 03:15	1
Chloromethane	ND		1.0	0.35	ug/L			08/29/17 03:15	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/29/17 03:15	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/29/17 03:15	1
Cyclohexane	ND		1.0	0.18	ug/L			08/29/17 03:15	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/29/17 03:15	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/29/17 03:15	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/29/17 03:15	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/29/17 03:15	1
Methyl acetate	ND		2.5	1.3	ug/L			08/29/17 03:15	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/29/17 03:15	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/29/17 03:15	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/29/17 03:15	1
Styrene	ND		1.0	0.73	ug/L			08/29/17 03:15	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/29/17 03:15	1
Toluene	ND		1.0	0.51	ug/L			08/29/17 03:15	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/29/17 03:15	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/29/17 03:15	1
Trichloroethene	ND		1.0	0.46	ug/L			08/29/17 03:15	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/29/17 03:15	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/29/17 03:15	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/29/17 03:15	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123215-1

Client Sample ID: NS-LDP-001-GW

Lab Sample ID: 480-123215-1

Date Collected: 08/24/17 00:00

Matrix: Water

Date Received: 08/24/17 17:02

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		08/29/17 03:15	1
4-Bromofluorobenzene (Surr)	95		73 - 120		08/29/17 03:15	1
Toluene-d8 (Surr)	98		80 - 120		08/29/17 03:15	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		08/25/17 14:21	08/28/17 17:30	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		08/25/17 14:21	08/28/17 17:30	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		08/25/17 14:21	08/28/17 17:30	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		08/25/17 14:21	08/28/17 17:30	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		08/25/17 14:21	08/28/17 17:30	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		08/25/17 14:21	08/28/17 17:30	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		08/25/17 14:21	08/28/17 17:30	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		08/25/17 14:21	08/28/17 17:30	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		08/25/17 14:21	08/28/17 17:30	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		08/25/17 14:21	08/28/17 17:30	1
2-Chlorophenol	ND		5.0	0.53	ug/L		08/25/17 14:21	08/28/17 17:30	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/25/17 14:21	08/28/17 17:30	1
2-Methylphenol	ND		5.0	0.40	ug/L		08/25/17 14:21	08/28/17 17:30	1
2-Nitroaniline	ND		10	0.42	ug/L		08/25/17 14:21	08/28/17 17:30	1
2-Nitrophenol	ND		5.0	0.48	ug/L		08/25/17 14:21	08/28/17 17:30	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		08/25/17 14:21	08/28/17 17:30	1
3-Nitroaniline	ND		10	0.48	ug/L		08/25/17 14:21	08/28/17 17:30	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		08/25/17 14:21	08/28/17 17:30	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		08/25/17 14:21	08/28/17 17:30	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		08/25/17 14:21	08/28/17 17:30	1
4-Chloroaniline	ND		5.0	0.59	ug/L		08/25/17 14:21	08/28/17 17:30	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		08/25/17 14:21	08/28/17 17:30	1
4-Methylphenol	ND		10	0.36	ug/L		08/25/17 14:21	08/28/17 17:30	1
4-Nitroaniline	ND		10	0.25	ug/L		08/25/17 14:21	08/28/17 17:30	1
4-Nitrophenol	ND		10	1.5	ug/L		08/25/17 14:21	08/28/17 17:30	1
Acenaphthene	ND		5.0	0.41	ug/L		08/25/17 14:21	08/28/17 17:30	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/25/17 14:21	08/28/17 17:30	1
Acetophenone	ND		5.0	0.54	ug/L		08/25/17 14:21	08/28/17 17:30	1
Anthracene	ND		5.0	0.28	ug/L		08/25/17 14:21	08/28/17 17:30	1
Atrazine	ND		5.0	0.46	ug/L		08/25/17 14:21	08/28/17 17:30	1
Benzaldehyde	ND		5.0	0.27	ug/L		08/25/17 14:21	08/28/17 17:30	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		08/25/17 14:21	08/28/17 17:30	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		08/25/17 14:21	08/28/17 17:30	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		08/25/17 14:21	08/28/17 17:30	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		08/25/17 14:21	08/28/17 17:30	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		08/25/17 14:21	08/28/17 17:30	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		08/25/17 14:21	08/28/17 17:30	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		08/25/17 14:21	08/28/17 17:30	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		08/25/17 14:21	08/28/17 17:30	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		08/25/17 14:21	08/28/17 17:30	1
Caprolactam	ND		5.0	2.2	ug/L		08/25/17 14:21	08/28/17 17:30	1
Carbazole	ND		5.0	0.30	ug/L		08/25/17 14:21	08/28/17 17:30	1
Chrysene	ND		5.0	0.33	ug/L		08/25/17 14:21	08/28/17 17:30	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		08/25/17 14:21	08/28/17 17:30	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123215-1

Client Sample ID: NS-LDP-001-GW

Lab Sample ID: 480-123215-1

Date Collected: 08/24/17 00:00

Matrix: Water

Date Received: 08/24/17 17:02

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		08/25/17 14:21	08/28/17 17:30	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/25/17 14:21	08/28/17 17:30	1
Dibenzofuran	ND		10	0.51	ug/L		08/25/17 14:21	08/28/17 17:30	1
Diethyl phthalate	ND		5.0	0.22	ug/L		08/25/17 14:21	08/28/17 17:30	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		08/25/17 14:21	08/28/17 17:30	1
Fluoranthene	ND		5.0	0.40	ug/L		08/25/17 14:21	08/28/17 17:30	1
Fluorene	ND		5.0	0.36	ug/L		08/25/17 14:21	08/28/17 17:30	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		08/25/17 14:21	08/28/17 17:30	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		08/25/17 14:21	08/28/17 17:30	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		08/25/17 14:21	08/28/17 17:30	1
Hexachloroethane	ND		5.0	0.59	ug/L		08/25/17 14:21	08/28/17 17:30	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		08/25/17 14:21	08/28/17 17:30	1
Isophorone	ND		5.0	0.43	ug/L		08/25/17 14:21	08/28/17 17:30	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		08/25/17 14:21	08/28/17 17:30	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		08/25/17 14:21	08/28/17 17:30	1
Naphthalene	ND		5.0	0.76	ug/L		08/25/17 14:21	08/28/17 17:30	1
Nitrobenzene	ND		5.0	0.29	ug/L		08/25/17 14:21	08/28/17 17:30	1
Pentachlorophenol	ND		10	2.2	ug/L		08/25/17 14:21	08/28/17 17:30	1
Phenanthrene	0.71	J	5.0	0.44	ug/L		08/25/17 14:21	08/28/17 17:30	1
Phenol	ND		5.0	0.39	ug/L		08/25/17 14:21	08/28/17 17:30	1
Pyrene	ND		5.0	0.34	ug/L		08/25/17 14:21	08/28/17 17:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	89		41 - 120	08/25/17 14:21	08/28/17 17:30	1
2-Fluorobiphenyl	74		48 - 120	08/25/17 14:21	08/28/17 17:30	1
2-Fluorophenol	63		35 - 120	08/25/17 14:21	08/28/17 17:30	1
Nitrobenzene-d5	80		46 - 120	08/25/17 14:21	08/28/17 17:30	1
p-Terphenyl-d14	80		59 - 136	08/25/17 14:21	08/28/17 17:30	1
Phenol-d5	49		22 - 120	08/25/17 14:21	08/28/17 17:30	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.042	J	0.051	0.0094	ug/L		08/25/17 07:30	08/25/17 20:35	1
4,4'-DDE	ND		0.051	0.012	ug/L		08/25/17 07:30	08/25/17 20:35	1
4,4'-DDT	ND		0.051	0.011	ug/L		08/25/17 07:30	08/25/17 20:35	1
Aldrin	0.019	J	0.051	0.0083	ug/L		08/25/17 07:30	08/25/17 20:35	1
alpha-BHC	0.054	B	0.051	0.0079	ug/L		08/25/17 07:30	08/25/17 20:35	1
alpha-Chlordane	ND		0.051	0.015	ug/L		08/25/17 07:30	08/25/17 20:35	1
beta-BHC	ND		0.051	0.025	ug/L		08/25/17 07:30	08/25/17 20:35	1
delta-BHC	ND		0.051	0.010	ug/L		08/25/17 07:30	08/25/17 20:35	1
Dieldrin	ND		0.051	0.010	ug/L		08/25/17 07:30	08/25/17 20:35	1
Endosulfan I	ND		0.051	0.011	ug/L		08/25/17 07:30	08/25/17 20:35	1
Endosulfan II	ND		0.051	0.012	ug/L		08/25/17 07:30	08/25/17 20:35	1
Endosulfan sulfate	ND		0.051	0.016	ug/L		08/25/17 07:30	08/25/17 20:35	1
Endrin	ND		0.051	0.014	ug/L		08/25/17 07:30	08/25/17 20:35	1
Endrin aldehyde	ND		0.051	0.017	ug/L		08/25/17 07:30	08/25/17 20:35	1
Endrin ketone	ND		0.051	0.012	ug/L		08/25/17 07:30	08/25/17 20:35	1
gamma-BHC (Lindane)	ND		0.051	0.0082	ug/L		08/25/17 07:30	08/25/17 20:35	1
gamma-Chlordane	ND		0.051	0.011	ug/L		08/25/17 07:30	08/25/17 20:35	1
Heptachlor	ND		0.051	0.0087	ug/L		08/25/17 07:30	08/25/17 20:35	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123215-1

Client Sample ID: NS-LDP-001-GW

Lab Sample ID: 480-123215-1

Date Collected: 08/24/17 00:00

Matrix: Water

Date Received: 08/24/17 17:02

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		0.051	0.0076	ug/L		08/25/17 07:30	08/25/17 20:35	1
Methoxychlor	ND		0.051	0.014	ug/L		08/25/17 07:30	08/25/17 20:35	1
Toxaphene	ND		0.51	0.12	ug/L		08/25/17 07:30	08/25/17 20:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	40		20 - 120				08/25/17 07:30	08/25/17 20:35	1
DCB Decachlorobiphenyl	29		20 - 120				08/25/17 07:30	08/25/17 20:35	1
Tetrachloro-m-xylene	137	X	44 - 120				08/25/17 07:30	08/25/17 20:35	1
Tetrachloro-m-xylene	82		44 - 120				08/25/17 07:30	08/25/17 20:35	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		08/28/17 14:18	08/29/17 17:26	1
PCB-1221	ND		0.50	0.18	ug/L		08/28/17 14:18	08/29/17 17:26	1
PCB-1232	ND		0.50	0.18	ug/L		08/28/17 14:18	08/29/17 17:26	1
PCB-1242	ND		0.50	0.18	ug/L		08/28/17 14:18	08/29/17 17:26	1
PCB-1248	ND		0.50	0.18	ug/L		08/28/17 14:18	08/29/17 17:26	1
PCB-1254	ND		0.50	0.25	ug/L		08/28/17 14:18	08/29/17 17:26	1
PCB-1260	ND		0.50	0.25	ug/L		08/28/17 14:18	08/29/17 17:26	1
PCB-1262	ND		0.50	0.25	ug/L		08/28/17 14:18	08/29/17 17:26	1
PCB-1268	ND		0.50	0.25	ug/L		08/28/17 14:18	08/29/17 17:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	75		39 - 121				08/28/17 14:18	08/29/17 17:26	1
Tetrachloro-m-xylene	63		39 - 121				08/28/17 14:18	08/29/17 17:26	1
DCB Decachlorobiphenyl	53		19 - 120				08/28/17 14:18	08/29/17 17:26	1
DCB Decachlorobiphenyl	47		19 - 120				08/28/17 14:18	08/29/17 17:26	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2.8		0.20	0.060	mg/L		08/28/17 07:46	08/28/17 18:05	1
Antimony	ND		0.020	0.0068	mg/L		08/28/17 07:46	08/28/17 18:05	1
Arsenic	ND		0.015	0.0056	mg/L		08/28/17 07:46	08/29/17 15:24	1
Barium	0.057		0.0020	0.00070	mg/L		08/28/17 07:46	08/28/17 18:05	1
Beryllium	ND		0.0020	0.00030	mg/L		08/28/17 07:46	08/28/17 18:05	1
Cadmium	ND		0.0020	0.00050	mg/L		08/28/17 07:46	08/28/17 18:05	1
Calcium	160		0.50	0.10	mg/L		08/28/17 07:46	08/28/17 18:05	1
Chromium	0.0040		0.0040	0.0010	mg/L		08/28/17 07:46	08/28/17 18:05	1
Cobalt	0.0012	J	0.0040	0.00063	mg/L		08/28/17 07:46	08/28/17 18:05	1
Copper	0.0034	J	0.010	0.0016	mg/L		08/28/17 07:46	08/28/17 18:05	1
Iron	2.6		0.050	0.019	mg/L		08/28/17 07:46	08/28/17 18:05	1
Lead	ND		0.010	0.0030	mg/L		08/28/17 07:46	08/28/17 18:05	1
Magnesium	41.6		0.20	0.043	mg/L		08/28/17 07:46	08/28/17 18:05	1
Manganese	0.066	B	0.0030	0.00040	mg/L		08/28/17 07:46	08/28/17 18:05	1
Nickel	0.0055	J	0.010	0.0013	mg/L		08/28/17 07:46	08/28/17 18:05	1
Potassium	1.3		0.50	0.10	mg/L		08/28/17 07:46	08/28/17 18:05	1
Selenium	ND		0.025	0.0087	mg/L		08/28/17 07:46	08/28/17 18:05	1
Silver	ND		0.0060	0.0017	mg/L		08/28/17 07:46	08/28/17 18:05	1
Sodium	15.8		1.0	0.32	mg/L		08/28/17 07:46	08/28/17 18:05	1
Thallium	ND		0.020	0.010	mg/L		08/28/17 07:46	08/28/17 18:05	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123215-1

Client Sample ID: NS-LDP-001-GW

Lab Sample ID: 480-123215-1

Date Collected: 08/24/17 00:00

Matrix: Water

Date Received: 08/24/17 17:02

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	0.0066		0.0050	0.0015	mg/L		08/28/17 07:46	08/28/17 18:05	1
Zinc	0.011		0.010	0.0015	mg/L		08/28/17 07:46	08/28/17 18:05	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/28/17 07:46	08/28/17 17:31	1
Antimony	ND		0.020	0.0068	mg/L		08/28/17 07:46	08/28/17 17:31	1
Arsenic	ND		0.015	0.0056	mg/L		08/28/17 07:46	08/28/17 17:31	1
Barium	0.040		0.0020	0.00070	mg/L		08/28/17 07:46	08/28/17 17:31	1
Beryllium	ND		0.0020	0.00030	mg/L		08/28/17 07:46	08/28/17 17:31	1
Cadmium	ND		0.0020	0.00050	mg/L		08/28/17 07:46	08/28/17 17:31	1
Calcium	157		0.50	0.10	mg/L		08/28/17 07:46	08/28/17 17:31	1
Chromium	ND		0.0040	0.0010	mg/L		08/28/17 07:46	08/28/17 17:31	1
Cobalt	0.00066	J	0.0040	0.00063	mg/L		08/28/17 07:46	08/28/17 17:31	1
Copper	ND		0.010	0.0016	mg/L		08/28/17 07:46	08/28/17 17:31	1
Iron	ND		0.050	0.019	mg/L		08/28/17 07:46	08/28/17 17:31	1
Lead	ND		0.010	0.0030	mg/L		08/28/17 07:46	08/28/17 17:31	1
Magnesium	41.3		0.20	0.043	mg/L		08/28/17 07:46	08/28/17 17:31	1
Manganese	0.031		0.0030	0.00040	mg/L		08/28/17 07:46	08/28/17 17:31	1
Nickel	0.0039	J	0.010	0.0013	mg/L		08/28/17 07:46	08/28/17 17:31	1
Potassium	0.40	J B	0.50	0.10	mg/L		08/28/17 07:46	08/28/17 17:31	1
Selenium	ND		0.025	0.0087	mg/L		08/28/17 07:46	08/28/17 17:31	1
Silver	ND		0.0060	0.0017	mg/L		08/28/17 07:46	08/28/17 17:31	1
Sodium	16.7		1.0	0.32	mg/L		08/28/17 07:46	08/28/17 17:31	1
Thallium	ND		0.020	0.010	mg/L		08/28/17 07:46	08/28/17 17:31	1
Vanadium	ND		0.0050	0.0015	mg/L		08/28/17 07:46	08/28/17 17:31	1
Zinc	0.011	B	0.010	0.0015	mg/L		08/28/17 07:46	08/28/17 17:31	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/25/17 11:15	08/25/17 14:54	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/28/17 10:45	08/28/17 15:57	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161451-1

Client Sample ID: LDP-01

Lab Sample ID: 480-161451-5

Date Collected: 10/23/19 15:20

Matrix: Water

Date Received: 10/23/19 17:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/30/19 03:00	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/30/19 03:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/30/19 03:00	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/30/19 03:00	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/30/19 03:00	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/30/19 03:00	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/30/19 03:00	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/30/19 03:00	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/30/19 03:00	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/30/19 03:00	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/30/19 03:00	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/30/19 03:00	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/30/19 03:00	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/30/19 03:00	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/30/19 03:00	1
2-Hexanone	ND		5.0	1.2	ug/L			10/30/19 03:00	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/30/19 03:00	1
Acetone	ND		10	3.0	ug/L			10/30/19 03:00	1
Benzene	ND		1.0	0.41	ug/L			10/30/19 03:00	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/30/19 03:00	1
Bromoform	ND		1.0	0.26	ug/L			10/30/19 03:00	1
Bromomethane	ND		1.0	0.69	ug/L			10/30/19 03:00	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/30/19 03:00	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/30/19 03:00	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/30/19 03:00	1
Chloroethane	ND		1.0	0.32	ug/L			10/30/19 03:00	1
Chloroform	ND		1.0	0.34	ug/L			10/30/19 03:00	1
Chloromethane	ND		1.0	0.35	ug/L			10/30/19 03:00	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/30/19 03:00	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/30/19 03:00	1
Cyclohexane	ND		1.0	0.18	ug/L			10/30/19 03:00	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/30/19 03:00	1
Dichlorodifluoromethane	ND *		1.0	0.68	ug/L			10/30/19 03:00	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/30/19 03:00	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/30/19 03:00	1
Methyl acetate	ND		2.5	1.3	ug/L			10/30/19 03:00	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/30/19 03:00	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/30/19 03:00	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/30/19 03:00	1
Styrene	ND		1.0	0.73	ug/L			10/30/19 03:00	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/30/19 03:00	1
Toluene	ND		1.0	0.51	ug/L			10/30/19 03:00	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/30/19 03:00	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/30/19 03:00	1
Trichloroethene	ND		1.0	0.46	ug/L			10/30/19 03:00	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/30/19 03:00	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/30/19 03:00	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/30/19 03:00	1
t-Butyl alcohol	ND		10	3.3	ug/L			10/30/19 03:00	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161451-1

Client Sample ID: LDP-01

Lab Sample ID: 480-161451-5

Date Collected: 10/23/19 15:20

Matrix: Water

Date Received: 10/23/19 17:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		77 - 120		10/30/19 03:00	1
4-Bromofluorobenzene (Surr)	103		73 - 120		10/30/19 03:00	1
Dibromofluoromethane (Surr)	109		75 - 123		10/30/19 03:00	1
Toluene-d8 (Surr)	95		80 - 120		10/30/19 03:00	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		10/25/19 14:25	10/29/19 02:32	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		10/25/19 14:25	10/29/19 02:32	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		10/25/19 14:25	10/29/19 02:32	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		10/25/19 14:25	10/29/19 02:32	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		10/25/19 14:25	10/29/19 02:32	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		10/25/19 14:25	10/29/19 02:32	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		10/25/19 14:25	10/29/19 02:32	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		10/25/19 14:25	10/29/19 02:32	1
2-Chlorophenol	ND		5.0	0.53	ug/L		10/25/19 14:25	10/29/19 02:32	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		10/25/19 14:25	10/29/19 02:32	1
2-Methylphenol	ND		5.0	0.40	ug/L		10/25/19 14:25	10/29/19 02:32	1
2-Nitroaniline	ND		10	0.42	ug/L		10/25/19 14:25	10/29/19 02:32	1
2-Nitrophenol	ND		5.0	0.48	ug/L		10/25/19 14:25	10/29/19 02:32	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		10/25/19 14:25	10/29/19 02:32	1
3-Nitroaniline	ND		10	0.48	ug/L		10/25/19 14:25	10/29/19 02:32	1
4,6-Dinitro-2-methylphenol	ND *		10	2.2	ug/L		10/25/19 14:25	10/29/19 02:32	1
4-Bromophenyl phenyl ether	ND *		5.0	0.45	ug/L		10/25/19 14:25	10/29/19 02:32	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		10/25/19 14:25	10/29/19 02:32	1
4-Chloroaniline	ND		5.0	0.59	ug/L		10/25/19 14:25	10/29/19 02:32	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		10/25/19 14:25	10/29/19 02:32	1
4-Methylphenol	ND		10	0.36	ug/L		10/25/19 14:25	10/29/19 02:32	1
4-Nitroaniline	ND		10	0.25	ug/L		10/25/19 14:25	10/29/19 02:32	1
4-Nitrophenol	ND		10	1.5	ug/L		10/25/19 14:25	10/29/19 02:32	1
Acenaphthene	ND		5.0	0.41	ug/L		10/25/19 14:25	10/29/19 02:32	1
Acenaphthylene	ND		5.0	0.38	ug/L		10/25/19 14:25	10/29/19 02:32	1
Acetophenone	ND		5.0	0.54	ug/L		10/25/19 14:25	10/29/19 02:32	1
Anthracene	ND		5.0	0.28	ug/L		10/25/19 14:25	10/29/19 02:32	1
Atrazine	ND		5.0	0.46	ug/L		10/25/19 14:25	10/29/19 02:32	1
Benzaldehyde	ND		5.0	0.27	ug/L		10/25/19 14:25	10/29/19 02:32	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		10/25/19 14:25	10/29/19 02:32	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		10/25/19 14:25	10/29/19 02:32	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		10/25/19 14:25	10/29/19 02:32	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		10/25/19 14:25	10/29/19 02:32	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		10/25/19 14:25	10/29/19 02:32	1
Biphenyl	ND		5.0	0.65	ug/L		10/25/19 14:25	10/29/19 02:32	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		10/25/19 14:25	10/29/19 02:32	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		10/25/19 14:25	10/29/19 02:32	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		10/25/19 14:25	10/29/19 02:32	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		10/25/19 14:25	10/29/19 02:32	1
Butyl benzyl phthalate	ND *		5.0	1.0	ug/L		10/25/19 14:25	10/29/19 02:32	1
Caprolactam	ND		5.0	2.2	ug/L		10/25/19 14:25	10/29/19 02:32	1
Carbazole	ND		5.0	0.30	ug/L		10/25/19 14:25	10/29/19 02:32	1
Chrysene	ND		5.0	0.33	ug/L		10/25/19 14:25	10/29/19 02:32	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161451-1

Client Sample ID: LDP-01

Lab Sample ID: 480-161451-5

Date Collected: 10/23/19 15:20

Matrix: Water

Date Received: 10/23/19 17:30

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		10/25/19 14:25	10/29/19 02:32	1
Dibenzofuran	ND		10	0.51	ug/L		10/25/19 14:25	10/29/19 02:32	1
Diethyl phthalate	ND		5.0	0.22	ug/L		10/25/19 14:25	10/29/19 02:32	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		10/25/19 14:25	10/29/19 02:32	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		10/25/19 14:25	10/29/19 02:32	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		10/25/19 14:25	10/29/19 02:32	1
Fluoranthene	ND *		5.0	0.40	ug/L		10/25/19 14:25	10/29/19 02:32	1
Fluorene	ND		5.0	0.36	ug/L		10/25/19 14:25	10/29/19 02:32	1
Hexachlorobenzene	ND *		5.0	0.51	ug/L		10/25/19 14:25	10/29/19 02:32	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		10/25/19 14:25	10/29/19 02:32	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		10/25/19 14:25	10/29/19 02:32	1
Hexachloroethane	ND		5.0	0.59	ug/L		10/25/19 14:25	10/29/19 02:32	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		10/25/19 14:25	10/29/19 02:32	1
Isophorone	ND		5.0	0.43	ug/L		10/25/19 14:25	10/29/19 02:32	1
Naphthalene	ND		5.0	0.76	ug/L		10/25/19 14:25	10/29/19 02:32	1
Nitrobenzene	ND		5.0	0.29	ug/L		10/25/19 14:25	10/29/19 02:32	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		10/25/19 14:25	10/29/19 02:32	1
N-Nitrosodiphenylamine	ND *		5.0	0.51	ug/L		10/25/19 14:25	10/29/19 02:32	1
Pentachlorophenol	ND		10	2.2	ug/L		10/25/19 14:25	10/29/19 02:32	1
Phenanthrene	ND *		5.0	0.44	ug/L		10/25/19 14:25	10/29/19 02:32	1
Phenol	ND		5.0	0.39	ug/L		10/25/19 14:25	10/29/19 02:32	1
Pyrene	ND		5.0	0.34	ug/L		10/25/19 14:25	10/29/19 02:32	1
Benzoic acid	ND		150	100	ug/L		10/25/19 14:25	10/29/19 02:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	71		41 - 120	10/25/19 14:25	10/29/19 02:32	1
2-Fluorobiphenyl	94		48 - 120	10/25/19 14:25	10/29/19 02:32	1
2-Fluorophenol	57		35 - 120	10/25/19 14:25	10/29/19 02:32	1
Nitrobenzene-d5	79		46 - 120	10/25/19 14:25	10/29/19 02:32	1
Phenol-d5	41		22 - 120	10/25/19 14:25	10/29/19 02:32	1
p-Terphenyl-d14	99		60 - 148	10/25/19 14:25	10/29/19 02:32	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.011	J	0.050	0.0092	ug/L		10/28/19 08:07	10/29/19 14:48	1
4,4'-DDE	ND		0.050	0.012	ug/L		10/28/19 08:07	10/29/19 14:48	1
4,4'-DDT	0.016	J *	0.050	0.011	ug/L		10/28/19 08:07	10/29/19 14:48	1
Aldrin	ND		0.050	0.0081	ug/L		10/28/19 08:07	10/29/19 14:48	1
alpha-BHC	ND *		0.050	0.0077	ug/L		10/28/19 08:07	10/29/19 14:48	1
cis-Chlordane	ND		0.050	0.015	ug/L		10/28/19 08:07	10/29/19 14:48	1
beta-BHC	ND		0.050	0.025	ug/L		10/28/19 08:07	10/29/19 14:48	1
delta-BHC	ND		0.050	0.010	ug/L		10/28/19 08:07	10/29/19 14:48	1
Dieldrin	ND		0.050	0.0098	ug/L		10/28/19 08:07	10/29/19 14:48	1
Endosulfan I	ND		0.050	0.011	ug/L		10/28/19 08:07	10/29/19 14:48	1
Endosulfan II	ND *		0.050	0.012	ug/L		10/28/19 08:07	10/29/19 14:48	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		10/28/19 08:07	10/29/19 14:48	1
Endrin	ND		0.050	0.014	ug/L		10/28/19 08:07	10/29/19 14:48	1
Endrin aldehyde	ND *		0.050	0.016	ug/L		10/28/19 08:07	10/29/19 14:48	1
Endrin ketone	ND		0.050	0.012	ug/L		10/28/19 08:07	10/29/19 14:48	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		10/28/19 08:07	10/29/19 14:48	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161451-1

Client Sample ID: LDP-01

Lab Sample ID: 480-161451-5

Date Collected: 10/23/19 15:20

Matrix: Water

Date Received: 10/23/19 17:30

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-Chlordane	ND		0.050	0.011	ug/L		10/28/19 08:07	10/29/19 14:48	1
Heptachlor	ND		0.050	0.0085	ug/L		10/28/19 08:07	10/29/19 14:48	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		10/28/19 08:07	10/29/19 14:48	1
Methoxychlor	ND		0.050	0.014	ug/L		10/28/19 08:07	10/29/19 14:48	1
Toxaphene	ND		0.50	0.12	ug/L		10/28/19 08:07	10/29/19 14:48	1
Mirex	ND		0.050	0.0096	ug/L		10/28/19 08:07	10/29/19 14:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	62		20 - 120	10/28/19 08:07	10/29/19 14:48	1
DCB Decachlorobiphenyl	71		20 - 120	10/28/19 08:07	10/29/19 14:48	1
Tetrachloro-m-xylene	101		44 - 120	10/28/19 08:07	10/29/19 14:48	1
Tetrachloro-m-xylene	84		44 - 120	10/28/19 08:07	10/29/19 14:48	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		10/28/19 15:12	10/29/19 21:53	1
PCB-1221	ND		0.50	0.18	ug/L		10/28/19 15:12	10/29/19 21:53	1
PCB-1232	ND		0.50	0.18	ug/L		10/28/19 15:12	10/29/19 21:53	1
PCB-1242	ND		0.50	0.18	ug/L		10/28/19 15:12	10/29/19 21:53	1
PCB-1248	ND		0.50	0.18	ug/L		10/28/19 15:12	10/29/19 21:53	1
PCB-1254	ND		0.50	0.25	ug/L		10/28/19 15:12	10/29/19 21:53	1
PCB-1260	ND		0.50	0.25	ug/L		10/28/19 15:12	10/29/19 21:53	1
PCB-1262	ND		0.50	0.25	ug/L		10/28/19 15:12	10/29/19 21:53	1
PCB-1268	ND		0.50	0.25	ug/L		10/28/19 15:12	10/29/19 21:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	86		39 - 121	10/28/19 15:12	10/29/19 21:53	1
Tetrachloro-m-xylene	72		39 - 121	10/28/19 15:12	10/29/19 21:53	1
DCB Decachlorobiphenyl	96		19 - 120	10/28/19 15:12	10/29/19 21:53	1
DCB Decachlorobiphenyl	37		19 - 120	10/28/19 15:12	10/29/19 21:53	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		10/25/19 07:35	10/27/19 19:20	1
Antimony	ND		0.020	0.0068	mg/L		10/25/19 07:35	10/27/19 19:20	1
Arsenic	ND		0.015	0.0056	mg/L		10/25/19 07:35	10/27/19 19:20	1
Barium	0.047		0.0020	0.00070	mg/L		10/25/19 07:35	10/27/19 19:20	1
Beryllium	ND		0.0020	0.00030	mg/L		10/25/19 07:35	10/27/19 19:20	1
Cadmium	ND		0.0020	0.00050	mg/L		10/25/19 07:35	10/27/19 19:20	1
Calcium	200		0.50	0.10	mg/L		10/25/19 07:35	10/27/19 19:20	1
Chromium	ND		0.0040	0.0010	mg/L		10/25/19 07:35	10/27/19 19:20	1
Cobalt	ND		0.0040	0.00063	mg/L		10/25/19 07:35	10/27/19 19:20	1
Copper	ND		0.010	0.0016	mg/L		10/25/19 07:35	10/27/19 19:20	1
Iron	ND		0.050	0.019	mg/L		10/25/19 07:35	10/27/19 19:20	1
Lead	ND		0.010	0.0030	mg/L		10/25/19 07:35	10/27/19 19:20	1
Magnesium	60.8		0.20	0.043	mg/L		10/25/19 07:35	10/27/19 19:20	1
Manganese	0.022	B	0.0030	0.00040	mg/L		10/25/19 07:35	10/27/19 19:20	1
Nickel	ND		0.010	0.0013	mg/L		10/25/19 07:35	10/27/19 19:20	1
Potassium	0.18	J	0.50	0.10	mg/L		10/25/19 07:35	10/27/19 19:20	1
Selenium	ND		0.025	0.0087	mg/L		10/25/19 07:35	10/27/19 19:20	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161451-1

Client Sample ID: LDP-01

Lab Sample ID: 480-161451-5

Date Collected: 10/23/19 15:20

Matrix: Water

Date Received: 10/23/19 17:30

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		10/25/19 07:35	10/27/19 19:20	1
Sodium	25.1		1.0	0.32	mg/L		10/25/19 07:35	10/27/19 19:20	1
Thallium	ND		0.020	0.010	mg/L		10/25/19 07:35	10/27/19 19:20	1
Vanadium	ND		0.0050	0.0015	mg/L		10/25/19 07:35	10/27/19 19:20	1
Zinc	0.0033	J B	0.010	0.0015	mg/L		10/25/19 07:35	10/27/19 19:20	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		11/04/19 11:22	11/04/19 14:32	1

Well LDP-02/02R

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123215-1

Client Sample ID: NS-LDP-002-GW

Lab Sample ID: 480-123215-2

Date Collected: 08/24/17 00:00

Matrix: Water

Date Received: 08/24/17 17:02

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/29/17 03:38	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/29/17 03:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/29/17 03:38	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/29/17 03:38	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/29/17 03:38	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/29/17 03:38	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/29/17 03:38	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/29/17 03:38	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/29/17 03:38	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/29/17 03:38	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/29/17 03:38	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/29/17 03:38	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/29/17 03:38	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/29/17 03:38	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/29/17 03:38	1
2-Hexanone	1.5	J	5.0	1.2	ug/L			08/29/17 03:38	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/29/17 03:38	1
Acetone	17		10	3.0	ug/L			08/29/17 03:38	1
Benzene	ND		1.0	0.41	ug/L			08/29/17 03:38	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/29/17 03:38	1
Bromoform	ND		1.0	0.26	ug/L			08/29/17 03:38	1
Bromomethane	ND		1.0	0.69	ug/L			08/29/17 03:38	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/29/17 03:38	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/29/17 03:38	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/29/17 03:38	1
Chloroethane	ND		1.0	0.32	ug/L			08/29/17 03:38	1
Chloroform	ND		1.0	0.34	ug/L			08/29/17 03:38	1
Chloromethane	ND		1.0	0.35	ug/L			08/29/17 03:38	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/29/17 03:38	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/29/17 03:38	1
Cyclohexane	ND		1.0	0.18	ug/L			08/29/17 03:38	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/29/17 03:38	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/29/17 03:38	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/29/17 03:38	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/29/17 03:38	1
Methyl acetate	ND		2.5	1.3	ug/L			08/29/17 03:38	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/29/17 03:38	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/29/17 03:38	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/29/17 03:38	1
Styrene	ND		1.0	0.73	ug/L			08/29/17 03:38	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/29/17 03:38	1
Toluene	ND		1.0	0.51	ug/L			08/29/17 03:38	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/29/17 03:38	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/29/17 03:38	1
Trichloroethene	ND		1.0	0.46	ug/L			08/29/17 03:38	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/29/17 03:38	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/29/17 03:38	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/29/17 03:38	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123215-1

Client Sample ID: NS-LDP-002-GW

Lab Sample ID: 480-123215-2

Date Collected: 08/24/17 00:00

Matrix: Water

Date Received: 08/24/17 17:02

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		08/29/17 03:38	1
4-Bromofluorobenzene (Surr)	98		73 - 120		08/29/17 03:38	1
Toluene-d8 (Surr)	98		80 - 120		08/29/17 03:38	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		08/25/17 14:21	08/28/17 17:59	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		08/25/17 14:21	08/28/17 17:59	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		08/25/17 14:21	08/28/17 17:59	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		08/25/17 14:21	08/28/17 17:59	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		08/25/17 14:21	08/28/17 17:59	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		08/25/17 14:21	08/28/17 17:59	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		08/25/17 14:21	08/28/17 17:59	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		08/25/17 14:21	08/28/17 17:59	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		08/25/17 14:21	08/28/17 17:59	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		08/25/17 14:21	08/28/17 17:59	1
2-Chlorophenol	ND		5.0	0.53	ug/L		08/25/17 14:21	08/28/17 17:59	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/25/17 14:21	08/28/17 17:59	1
2-Methylphenol	ND		5.0	0.40	ug/L		08/25/17 14:21	08/28/17 17:59	1
2-Nitroaniline	ND		10	0.42	ug/L		08/25/17 14:21	08/28/17 17:59	1
2-Nitrophenol	ND		5.0	0.48	ug/L		08/25/17 14:21	08/28/17 17:59	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		08/25/17 14:21	08/28/17 17:59	1
3-Nitroaniline	ND		10	0.48	ug/L		08/25/17 14:21	08/28/17 17:59	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		08/25/17 14:21	08/28/17 17:59	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		08/25/17 14:21	08/28/17 17:59	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		08/25/17 14:21	08/28/17 17:59	1
4-Chloroaniline	ND		5.0	0.59	ug/L		08/25/17 14:21	08/28/17 17:59	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		08/25/17 14:21	08/28/17 17:59	1
4-Methylphenol	ND		10	0.36	ug/L		08/25/17 14:21	08/28/17 17:59	1
4-Nitroaniline	ND		10	0.25	ug/L		08/25/17 14:21	08/28/17 17:59	1
4-Nitrophenol	ND		10	1.5	ug/L		08/25/17 14:21	08/28/17 17:59	1
Acenaphthene	ND		5.0	0.41	ug/L		08/25/17 14:21	08/28/17 17:59	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/25/17 14:21	08/28/17 17:59	1
Acetophenone	ND		5.0	0.54	ug/L		08/25/17 14:21	08/28/17 17:59	1
Anthracene	ND		5.0	0.28	ug/L		08/25/17 14:21	08/28/17 17:59	1
Atrazine	ND		5.0	0.46	ug/L		08/25/17 14:21	08/28/17 17:59	1
Benzaldehyde	ND		5.0	0.27	ug/L		08/25/17 14:21	08/28/17 17:59	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		08/25/17 14:21	08/28/17 17:59	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		08/25/17 14:21	08/28/17 17:59	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		08/25/17 14:21	08/28/17 17:59	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		08/25/17 14:21	08/28/17 17:59	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		08/25/17 14:21	08/28/17 17:59	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		08/25/17 14:21	08/28/17 17:59	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		08/25/17 14:21	08/28/17 17:59	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		08/25/17 14:21	08/28/17 17:59	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		08/25/17 14:21	08/28/17 17:59	1
Caprolactam	ND		5.0	2.2	ug/L		08/25/17 14:21	08/28/17 17:59	1
Carbazole	ND		5.0	0.30	ug/L		08/25/17 14:21	08/28/17 17:59	1
Chrysene	ND		5.0	0.33	ug/L		08/25/17 14:21	08/28/17 17:59	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		08/25/17 14:21	08/28/17 17:59	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123215-1

Client Sample ID: NS-LDP-002-GW

Lab Sample ID: 480-123215-2

Date Collected: 08/24/17 00:00

Matrix: Water

Date Received: 08/24/17 17:02

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		08/25/17 14:21	08/28/17 17:59	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/25/17 14:21	08/28/17 17:59	1
Dibenzofuran	ND		10	0.51	ug/L		08/25/17 14:21	08/28/17 17:59	1
Diethyl phthalate	ND		5.0	0.22	ug/L		08/25/17 14:21	08/28/17 17:59	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		08/25/17 14:21	08/28/17 17:59	1
Fluoranthene	ND		5.0	0.40	ug/L		08/25/17 14:21	08/28/17 17:59	1
Fluorene	ND		5.0	0.36	ug/L		08/25/17 14:21	08/28/17 17:59	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		08/25/17 14:21	08/28/17 17:59	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		08/25/17 14:21	08/28/17 17:59	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		08/25/17 14:21	08/28/17 17:59	1
Hexachloroethane	ND		5.0	0.59	ug/L		08/25/17 14:21	08/28/17 17:59	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		08/25/17 14:21	08/28/17 17:59	1
Isophorone	ND		5.0	0.43	ug/L		08/25/17 14:21	08/28/17 17:59	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		08/25/17 14:21	08/28/17 17:59	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		08/25/17 14:21	08/28/17 17:59	1
Naphthalene	ND		5.0	0.76	ug/L		08/25/17 14:21	08/28/17 17:59	1
Nitrobenzene	ND		5.0	0.29	ug/L		08/25/17 14:21	08/28/17 17:59	1
Pentachlorophenol	ND		10	2.2	ug/L		08/25/17 14:21	08/28/17 17:59	1
Phenanthrene	0.47	J	5.0	0.44	ug/L		08/25/17 14:21	08/28/17 17:59	1
Phenol	ND		5.0	0.39	ug/L		08/25/17 14:21	08/28/17 17:59	1
Pyrene	ND		5.0	0.34	ug/L		08/25/17 14:21	08/28/17 17:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	84		41 - 120	08/25/17 14:21	08/28/17 17:59	1
2-Fluorobiphenyl	71		48 - 120	08/25/17 14:21	08/28/17 17:59	1
2-Fluorophenol	65		35 - 120	08/25/17 14:21	08/28/17 17:59	1
Nitrobenzene-d5	77		46 - 120	08/25/17 14:21	08/28/17 17:59	1
p-Terphenyl-d14	75		59 - 136	08/25/17 14:21	08/28/17 17:59	1
Phenol-d5	51		22 - 120	08/25/17 14:21	08/28/17 17:59	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.25	0.046	ug/L		08/25/17 07:30	08/25/17 20:54	5
4,4'-DDE	ND		0.25	0.058	ug/L		08/25/17 07:30	08/25/17 20:54	5
4,4'-DDT	0.086	J	0.25	0.055	ug/L		08/25/17 07:30	08/25/17 20:54	5
Aldrin	0.073	J	0.25	0.041	ug/L		08/25/17 07:30	08/25/17 20:54	5
alpha-BHC	ND		0.25	0.039	ug/L		08/25/17 07:30	08/25/17 20:54	5
alpha-Chlordane	ND		0.25	0.074	ug/L		08/25/17 07:30	08/25/17 20:54	5
beta-BHC	ND		0.25	0.12	ug/L		08/25/17 07:30	08/25/17 20:54	5
delta-BHC	ND		0.25	0.050	ug/L		08/25/17 07:30	08/25/17 20:54	5
Dieldrin	ND		0.25	0.049	ug/L		08/25/17 07:30	08/25/17 20:54	5
Endosulfan I	ND		0.25	0.055	ug/L		08/25/17 07:30	08/25/17 20:54	5
Endosulfan II	ND		0.25	0.060	ug/L		08/25/17 07:30	08/25/17 20:54	5
Endosulfan sulfate	ND		0.25	0.079	ug/L		08/25/17 07:30	08/25/17 20:54	5
Endrin	ND		0.25	0.069	ug/L		08/25/17 07:30	08/25/17 20:54	5
Endrin aldehyde	ND		0.25	0.082	ug/L		08/25/17 07:30	08/25/17 20:54	5
Endrin ketone	ND		0.25	0.060	ug/L		08/25/17 07:30	08/25/17 20:54	5
gamma-BHC (Lindane)	0.072	J	0.25	0.040	ug/L		08/25/17 07:30	08/25/17 20:54	5
gamma-Chlordane	ND		0.25	0.055	ug/L		08/25/17 07:30	08/25/17 20:54	5
Heptachlor	ND		0.25	0.043	ug/L		08/25/17 07:30	08/25/17 20:54	5

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123215-1

Client Sample ID: NS-LDP-002-GW

Lab Sample ID: 480-123215-2

Date Collected: 08/24/17 00:00

Matrix: Water

Date Received: 08/24/17 17:02

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		0.25	0.037	ug/L		08/25/17 07:30	08/25/17 20:54	5
Methoxychlor	ND		0.25	0.071	ug/L		08/25/17 07:30	08/25/17 20:54	5
Toxaphene	ND		2.5	0.60	ug/L		08/25/17 07:30	08/25/17 20:54	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	62		20 - 120				08/25/17 07:30	08/25/17 20:54	5
DCB Decachlorobiphenyl	45		20 - 120				08/25/17 07:30	08/25/17 20:54	5
Tetrachloro-m-xylene	0	X	44 - 120				08/25/17 07:30	08/25/17 20:54	5
Tetrachloro-m-xylene	0	X	44 - 120				08/25/17 07:30	08/25/17 20:54	5

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.52	0.18	ug/L		08/28/17 14:18	08/29/17 17:42	1
PCB-1221	ND		0.52	0.18	ug/L		08/28/17 14:18	08/29/17 17:42	1
PCB-1232	ND		0.52	0.18	ug/L		08/28/17 14:18	08/29/17 17:42	1
PCB-1242	ND		0.52	0.18	ug/L		08/28/17 14:18	08/29/17 17:42	1
PCB-1248	ND		0.52	0.18	ug/L		08/28/17 14:18	08/29/17 17:42	1
PCB-1254	ND		0.52	0.26	ug/L		08/28/17 14:18	08/29/17 17:42	1
PCB-1260	ND		0.52	0.26	ug/L		08/28/17 14:18	08/29/17 17:42	1
PCB-1262	ND		0.52	0.26	ug/L		08/28/17 14:18	08/29/17 17:42	1
PCB-1268	ND		0.52	0.26	ug/L		08/28/17 14:18	08/29/17 17:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	73		39 - 121				08/28/17 14:18	08/29/17 17:42	1
Tetrachloro-m-xylene	59		39 - 121				08/28/17 14:18	08/29/17 17:42	1
DCB Decachlorobiphenyl	53		19 - 120				08/28/17 14:18	08/29/17 17:42	1
DCB Decachlorobiphenyl	47		19 - 120				08/28/17 14:18	08/29/17 17:42	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1.1		0.20	0.060	mg/L		08/28/17 07:46	08/28/17 18:09	1
Antimony	ND		0.020	0.0068	mg/L		08/28/17 07:46	08/28/17 18:09	1
Arsenic	ND		0.015	0.0056	mg/L		08/28/17 07:46	08/29/17 15:28	1
Barium	0.076		0.0020	0.00070	mg/L		08/28/17 07:46	08/28/17 18:09	1
Beryllium	ND		0.0020	0.00030	mg/L		08/28/17 07:46	08/28/17 18:09	1
Cadmium	ND		0.0020	0.00050	mg/L		08/28/17 07:46	08/28/17 18:09	1
Calcium	148		0.50	0.10	mg/L		08/28/17 07:46	08/28/17 18:09	1
Chromium	0.0017	J	0.0040	0.0010	mg/L		08/28/17 07:46	08/28/17 18:09	1
Cobalt	ND		0.0040	0.00063	mg/L		08/28/17 07:46	08/28/17 18:09	1
Copper	0.0030	J	0.010	0.0016	mg/L		08/28/17 07:46	08/28/17 18:09	1
Iron	1.3		0.050	0.019	mg/L		08/28/17 07:46	08/28/17 18:09	1
Lead	ND		0.010	0.0030	mg/L		08/28/17 07:46	08/28/17 18:09	1
Magnesium	37.3		0.20	0.043	mg/L		08/28/17 07:46	08/28/17 18:09	1
Manganese	0.044	B	0.0030	0.00040	mg/L		08/28/17 07:46	08/28/17 18:09	1
Nickel	0.0024	J	0.010	0.0013	mg/L		08/28/17 07:46	08/28/17 18:09	1
Potassium	1.9		0.50	0.10	mg/L		08/28/17 07:46	08/28/17 18:09	1
Selenium	ND		0.025	0.0087	mg/L		08/28/17 07:46	08/28/17 18:09	1
Silver	ND		0.0060	0.0017	mg/L		08/28/17 07:46	08/28/17 18:09	1
Sodium	23.4		1.0	0.32	mg/L		08/28/17 07:46	08/28/17 18:09	1
Thallium	ND		0.020	0.010	mg/L		08/28/17 07:46	08/28/17 18:09	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123215-1

Client Sample ID: NS-LDP-002-GW

Lab Sample ID: 480-123215-2

Date Collected: 08/24/17 00:00

Matrix: Water

Date Received: 08/24/17 17:02

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	0.0029	J	0.0050	0.0015	mg/L		08/28/17 07:46	08/28/17 18:09	1
Zinc	0.0078	J	0.010	0.0015	mg/L		08/28/17 07:46	08/28/17 18:09	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/28/17 07:46	08/28/17 17:35	1
Antimony	ND		0.020	0.0068	mg/L		08/28/17 07:46	08/28/17 17:35	1
Arsenic	ND		0.015	0.0056	mg/L		08/28/17 07:46	08/28/17 17:35	1
Barium	0.066		0.0020	0.00070	mg/L		08/28/17 07:46	08/28/17 17:35	1
Beryllium	ND		0.0020	0.00030	mg/L		08/28/17 07:46	08/28/17 17:35	1
Cadmium	ND		0.0020	0.00050	mg/L		08/28/17 07:46	08/28/17 17:35	1
Calcium	139		0.50	0.10	mg/L		08/28/17 07:46	08/28/17 17:35	1
Chromium	ND		0.0040	0.0010	mg/L		08/28/17 07:46	08/28/17 17:35	1
Cobalt	ND		0.0040	0.00063	mg/L		08/28/17 07:46	08/28/17 17:35	1
Copper	0.0022	J	0.010	0.0016	mg/L		08/28/17 07:46	08/28/17 17:35	1
Iron	ND		0.050	0.019	mg/L		08/28/17 07:46	08/28/17 17:35	1
Lead	ND		0.010	0.0030	mg/L		08/28/17 07:46	08/28/17 17:35	1
Magnesium	34.7		0.20	0.043	mg/L		08/28/17 07:46	08/28/17 17:35	1
Manganese	0.011		0.0030	0.00040	mg/L		08/28/17 07:46	08/28/17 17:35	1
Nickel	0.0035	J	0.010	0.0013	mg/L		08/28/17 07:46	08/28/17 17:35	1
Potassium	1.5	B	0.50	0.10	mg/L		08/28/17 07:46	08/28/17 17:35	1
Selenium	ND		0.025	0.0087	mg/L		08/28/17 07:46	08/28/17 17:35	1
Silver	ND		0.0060	0.0017	mg/L		08/28/17 07:46	08/28/17 17:35	1
Sodium	23.5		1.0	0.32	mg/L		08/28/17 07:46	08/28/17 17:35	1
Thallium	ND		0.020	0.010	mg/L		08/28/17 07:46	08/28/17 17:35	1
Vanadium	ND		0.0050	0.0015	mg/L		08/28/17 07:46	08/28/17 17:35	1
Zinc	0.013	B	0.010	0.0015	mg/L		08/28/17 07:46	08/28/17 17:35	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/25/17 11:15	08/25/17 14:56	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/28/17 10:45	08/28/17 15:59	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-165018-1

Client Sample ID: LDP-02R

Lab Sample ID: 480-165018-1

Date Collected: 01/09/20 10:30

Matrix: Water

Date Received: 01/09/20 14:10

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/13/20 12:20	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/13/20 12:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/13/20 12:20	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/13/20 12:20	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/13/20 12:20	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/13/20 12:20	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/13/20 12:20	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/13/20 12:20	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/13/20 12:20	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/13/20 12:20	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/13/20 12:20	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/13/20 12:20	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/13/20 12:20	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/13/20 12:20	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/13/20 12:20	1
2-Hexanone	ND		5.0	1.2	ug/L			01/13/20 12:20	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/13/20 12:20	1
Acetone	3.5 J		10	3.0	ug/L			01/13/20 12:20	1
Benzene	ND		1.0	0.41	ug/L			01/13/20 12:20	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/13/20 12:20	1
Bromoform	ND		1.0	0.26	ug/L			01/13/20 12:20	1
Bromomethane	ND		1.0	0.69	ug/L			01/13/20 12:20	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/13/20 12:20	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/13/20 12:20	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/13/20 12:20	1
Chloroethane	ND		1.0	0.32	ug/L			01/13/20 12:20	1
Chloroform	ND		1.0	0.34	ug/L			01/13/20 12:20	1
Chloromethane	ND		1.0	0.35	ug/L			01/13/20 12:20	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/13/20 12:20	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/13/20 12:20	1
Cyclohexane	ND		1.0	0.18	ug/L			01/13/20 12:20	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/13/20 12:20	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/13/20 12:20	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/13/20 12:20	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/13/20 12:20	1
Methyl acetate	ND		2.5	1.3	ug/L			01/13/20 12:20	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/13/20 12:20	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/13/20 12:20	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/13/20 12:20	1
Styrene	ND		1.0	0.73	ug/L			01/13/20 12:20	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/13/20 12:20	1
Toluene	ND		1.0	0.51	ug/L			01/13/20 12:20	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/13/20 12:20	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/13/20 12:20	1
Trichloroethene	ND		1.0	0.46	ug/L			01/13/20 12:20	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/13/20 12:20	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/13/20 12:20	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/13/20 12:20	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-165018-1

Client Sample ID: LDP-02R

Lab Sample ID: 480-165018-1

Date Collected: 01/09/20 10:30

Matrix: Water

Date Received: 01/09/20 14:10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		77 - 120		01/13/20 12:20	1
4-Bromofluorobenzene (Surr)	109		73 - 120		01/13/20 12:20	1
Toluene-d8 (Surr)	106		80 - 120		01/13/20 12:20	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		01/13/20 08:53	01/15/20 02:17	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		01/13/20 08:53	01/15/20 02:17	1
2,4,5-Trichlorophenol	ND	*	5.0	0.48	ug/L		01/13/20 08:53	01/15/20 02:17	1
2,4,6-Trichlorophenol	ND	*	5.0	0.61	ug/L		01/13/20 08:53	01/15/20 02:17	1
2,4-Dichlorophenol	ND	*	5.0	0.51	ug/L		01/13/20 08:53	01/15/20 02:17	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		01/13/20 08:53	01/15/20 02:17	1
2,4-Dinitrophenol	ND	*	10	2.2	ug/L		01/13/20 08:53	01/15/20 02:17	1
2,4-Dinitrotoluene	ND	*	5.0	0.45	ug/L		01/13/20 08:53	01/15/20 02:17	1
2,6-Dinitrotoluene	ND	*	5.0	0.40	ug/L		01/13/20 08:53	01/15/20 02:17	1
2-Chloronaphthalene	ND	*	5.0	0.46	ug/L		01/13/20 08:53	01/15/20 02:17	1
2-Chlorophenol	ND		5.0	0.53	ug/L		01/13/20 08:53	01/15/20 02:17	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		01/13/20 08:53	01/15/20 02:17	1
2-Methylphenol	ND		5.0	0.40	ug/L		01/13/20 08:53	01/15/20 02:17	1
2-Nitroaniline	ND	*	10	0.42	ug/L		01/13/20 08:53	01/15/20 02:17	1
2-Nitrophenol	ND	*	5.0	0.48	ug/L		01/13/20 08:53	01/15/20 02:17	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		01/13/20 08:53	01/15/20 02:17	1
3-Nitroaniline	ND	*	10	0.48	ug/L		01/13/20 08:53	01/15/20 02:17	1
4,6-Dinitro-2-methylphenol	ND	*	10	2.2	ug/L		01/13/20 08:53	01/15/20 02:17	1
4-Bromophenyl phenyl ether	ND	*	5.0	0.45	ug/L		01/13/20 08:53	01/15/20 02:17	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		01/13/20 08:53	01/15/20 02:17	1
4-Chloroaniline	ND	*	5.0	0.59	ug/L		01/13/20 08:53	01/15/20 02:17	1
4-Chlorophenyl phenyl ether	ND	*	5.0	0.35	ug/L		01/13/20 08:53	01/15/20 02:17	1
4-Methylphenol	ND		10	0.36	ug/L		01/13/20 08:53	01/15/20 02:17	1
4-Nitroaniline	ND	*	10	0.25	ug/L		01/13/20 08:53	01/15/20 02:17	1
4-Nitrophenol	ND		10	1.5	ug/L		01/13/20 08:53	01/15/20 02:17	1
Acenaphthene	ND		5.0	0.41	ug/L		01/13/20 08:53	01/15/20 02:17	1
Acenaphthylene	ND	*	5.0	0.38	ug/L		01/13/20 08:53	01/15/20 02:17	1
Acetophenone	ND		5.0	0.54	ug/L		01/13/20 08:53	01/15/20 02:17	1
Anthracene	ND	*	5.0	0.28	ug/L		01/13/20 08:53	01/15/20 02:17	1
Atrazine	ND		5.0	0.46	ug/L		01/13/20 08:53	01/15/20 02:17	1
Benzaldehyde	ND		5.0	0.27	ug/L		01/13/20 08:53	01/15/20 02:17	1
Benzo(a)anthracene	ND	*	5.0	0.36	ug/L		01/13/20 08:53	01/15/20 02:17	1
Benzo(a)pyrene	ND	*	5.0	0.47	ug/L		01/13/20 08:53	01/15/20 02:17	1
Benzo(b)fluoranthene	ND	*	5.0	0.34	ug/L		01/13/20 08:53	01/15/20 02:17	1
Benzo(g,h,i)perylene	ND	*	5.0	0.35	ug/L		01/13/20 08:53	01/15/20 02:17	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		01/13/20 08:53	01/15/20 02:17	1
Bis(2-chloroethoxy)methane	ND	*	5.0	0.35	ug/L		01/13/20 08:53	01/15/20 02:17	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		01/13/20 08:53	01/15/20 02:17	1
Bis(2-ethylhexyl) phthalate	ND	*	5.0	2.2	ug/L		01/13/20 08:53	01/15/20 02:17	1
Butyl benzyl phthalate	ND	*	5.0	1.0	ug/L		01/13/20 08:53	01/15/20 02:17	1
Caprolactam	ND		5.0	2.2	ug/L		01/13/20 08:53	01/15/20 02:17	1
Carbazole	ND	*	5.0	0.30	ug/L		01/13/20 08:53	01/15/20 02:17	1
Chrysene	ND	*	5.0	0.33	ug/L		01/13/20 08:53	01/15/20 02:17	1
Di-n-butyl phthalate	ND	*	5.0	0.31	ug/L		01/13/20 08:53	01/15/20 02:17	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-165018-1

Client Sample ID: LDP-02R

Lab Sample ID: 480-165018-1

Date Collected: 01/09/20 10:30

Matrix: Water

Date Received: 01/09/20 14:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		01/13/20 08:53	01/15/20 02:17	1
Dibenz(a,h)anthracene	ND	*	5.0	0.42	ug/L		01/13/20 08:53	01/15/20 02:17	1
Dibenzofuran	ND	*	10	0.51	ug/L		01/13/20 08:53	01/15/20 02:17	1
Diethyl phthalate	ND	*	5.0	0.22	ug/L		01/13/20 08:53	01/15/20 02:17	1
Dimethyl phthalate	ND	*	5.0	0.36	ug/L		01/13/20 08:53	01/15/20 02:17	1
Fluoranthene	ND	*	5.0	0.40	ug/L		01/13/20 08:53	01/15/20 02:17	1
Fluorene	ND	*	5.0	0.36	ug/L		01/13/20 08:53	01/15/20 02:17	1
Hexachlorobenzene	ND	*	5.0	0.51	ug/L		01/13/20 08:53	01/15/20 02:17	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		01/13/20 08:53	01/15/20 02:17	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		01/13/20 08:53	01/15/20 02:17	1
Hexachloroethane	ND		5.0	0.59	ug/L		01/13/20 08:53	01/15/20 02:17	1
Indeno(1,2,3-cd)pyrene	ND	*	5.0	0.47	ug/L		01/13/20 08:53	01/15/20 02:17	1
Isophorone	ND	*	5.0	0.43	ug/L		01/13/20 08:53	01/15/20 02:17	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		01/13/20 08:53	01/15/20 02:17	1
N-Nitrosodiphenylamine	ND	*	5.0	0.51	ug/L		01/13/20 08:53	01/15/20 02:17	1
Naphthalene	ND		5.0	0.76	ug/L		01/13/20 08:53	01/15/20 02:17	1
Nitrobenzene	ND		5.0	0.29	ug/L		01/13/20 08:53	01/15/20 02:17	1
Pentachlorophenol	ND		10	2.2	ug/L		01/13/20 08:53	01/15/20 02:17	1
Phenanthrene	ND	*	5.0	0.44	ug/L		01/13/20 08:53	01/15/20 02:17	1
Phenol	ND		5.0	0.39	ug/L		01/13/20 08:53	01/15/20 02:17	1
Pyrene	ND		5.0	0.34	ug/L		01/13/20 08:53	01/15/20 02:17	1
Benzoic acid	ND		150	100	ug/L		01/13/20 08:53	01/15/20 02:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	102		41 - 120	01/13/20 08:53	01/15/20 02:17	1
2-Fluorobiphenyl	96		48 - 120	01/13/20 08:53	01/15/20 02:17	1
2-Fluorophenol	74		35 - 120	01/13/20 08:53	01/15/20 02:17	1
Nitrobenzene-d5	90		46 - 120	01/13/20 08:53	01/15/20 02:17	1
p-Terphenyl-d14	86		60 - 148	01/13/20 08:53	01/15/20 02:17	1
Phenol-d5	57		22 - 120	01/13/20 08:53	01/15/20 02:17	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		01/10/20 16:04	01/14/20 17:48	1
4,4'-DDE	ND		0.050	0.012	ug/L		01/10/20 16:04	01/14/20 17:48	1
4,4'-DDT	ND		0.050	0.011	ug/L		01/10/20 16:04	01/14/20 17:48	1
Aldrin	ND		0.050	0.0081	ug/L		01/10/20 16:04	01/14/20 17:48	1
alpha-BHC	0.011	J B	0.050	0.0077	ug/L		01/10/20 16:04	01/14/20 17:48	1
cis-Chlordane	ND		0.050	0.015	ug/L		01/10/20 16:04	01/14/20 17:48	1
beta-BHC	ND		0.050	0.025	ug/L		01/10/20 16:04	01/14/20 17:48	1
delta-BHC	ND		0.050	0.010	ug/L		01/10/20 16:04	01/14/20 17:48	1
Dieldrin	ND		0.050	0.0098	ug/L		01/10/20 16:04	01/14/20 17:48	1
Endosulfan I	ND		0.050	0.011	ug/L		01/10/20 16:04	01/14/20 17:48	1
Endosulfan II	ND		0.050	0.012	ug/L		01/10/20 16:04	01/14/20 17:48	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		01/10/20 16:04	01/14/20 17:48	1
Endrin	ND		0.050	0.014	ug/L		01/10/20 16:04	01/14/20 17:48	1
Endrin aldehyde	0.027	J B	0.050	0.016	ug/L		01/10/20 16:04	01/14/20 17:48	1
Endrin ketone	0.016	J	0.050	0.012	ug/L		01/10/20 16:04	01/14/20 17:48	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		01/10/20 16:04	01/14/20 17:48	1
trans-Chlordane	ND		0.050	0.011	ug/L		01/10/20 16:04	01/14/20 17:48	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-165018-1

Client Sample ID: LDP-02R

Lab Sample ID: 480-165018-1

Date Collected: 01/09/20 10:30

Matrix: Water

Date Received: 01/09/20 14:10

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.050	0.0085	ug/L		01/10/20 16:04	01/14/20 17:48	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		01/10/20 16:04	01/14/20 17:48	1
Methoxychlor	ND		0.050	0.014	ug/L		01/10/20 16:04	01/14/20 17:48	1
Toxaphene	ND		0.50	0.12	ug/L		01/10/20 16:04	01/14/20 17:48	1
Mirex	ND		0.050	0.0096	ug/L		01/10/20 16:04	01/14/20 17:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	62		20 - 120	01/10/20 16:04	01/14/20 17:48	1
DCB Decachlorobiphenyl	79		20 - 120	01/10/20 16:04	01/14/20 17:48	1
Tetrachloro-m-xylene	96		44 - 120	01/10/20 16:04	01/14/20 17:48	1
Tetrachloro-m-xylene	74		44 - 120	01/10/20 16:04	01/14/20 17:48	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		01/10/20 15:57	01/12/20 20:39	1
PCB-1221	ND		0.50	0.18	ug/L		01/10/20 15:57	01/12/20 20:39	1
PCB-1232	ND		0.50	0.18	ug/L		01/10/20 15:57	01/12/20 20:39	1
PCB-1242	ND		0.50	0.18	ug/L		01/10/20 15:57	01/12/20 20:39	1
PCB-1248	ND		0.50	0.18	ug/L		01/10/20 15:57	01/12/20 20:39	1
PCB-1254	ND		0.50	0.25	ug/L		01/10/20 15:57	01/12/20 20:39	1
PCB-1260	ND		0.50	0.25	ug/L		01/10/20 15:57	01/12/20 20:39	1
PCB-1262	ND		0.50	0.25	ug/L		01/10/20 15:57	01/12/20 20:39	1
PCB-1268	ND		0.50	0.25	ug/L		01/10/20 15:57	01/12/20 20:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	87		39 - 121	01/10/20 15:57	01/12/20 20:39	1
Tetrachloro-m-xylene	81		39 - 121	01/10/20 15:57	01/12/20 20:39	1
DCB Decachlorobiphenyl	68		19 - 120	01/10/20 15:57	01/12/20 20:39	1
DCB Decachlorobiphenyl	64		19 - 120	01/10/20 15:57	01/12/20 20:39	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		01/13/20 09:21	01/13/20 17:33	1
Antimony	ND		0.020	0.0068	mg/L		01/13/20 09:21	01/13/20 17:33	1
Arsenic	ND		0.015	0.0056	mg/L		01/13/20 09:21	01/13/20 17:33	1
Barium	0.059		0.0020	0.00070	mg/L		01/13/20 09:21	01/13/20 17:33	1
Beryllium	ND		0.0020	0.00030	mg/L		01/13/20 09:21	01/14/20 11:56	1
Cadmium	ND		0.0020	0.00050	mg/L		01/13/20 09:21	01/13/20 17:33	1
Calcium	127		0.50	0.10	mg/L		01/13/20 09:21	01/13/20 17:33	1
Chromium	0.0015	J	0.0040	0.0010	mg/L		01/13/20 09:21	01/13/20 17:33	1
Cobalt	ND		0.0040	0.00063	mg/L		01/13/20 09:21	01/13/20 17:33	1
Copper	0.0031	J	0.010	0.0016	mg/L		01/13/20 09:21	01/13/20 17:33	1
Iron	0.025	J	0.050	0.019	mg/L		01/13/20 09:21	01/13/20 17:33	1
Lead	ND		0.010	0.0030	mg/L		01/13/20 09:21	01/13/20 17:33	1
Magnesium	42.5		0.20	0.043	mg/L		01/13/20 09:21	01/13/20 17:33	1
Manganese	0.0020	J	0.0030	0.00040	mg/L		01/13/20 09:21	01/13/20 17:33	1
Nickel	ND		0.010	0.0013	mg/L		01/13/20 09:21	01/13/20 17:33	1
Potassium	1.5		0.50	0.10	mg/L		01/13/20 09:21	01/13/20 17:33	1
Selenium	ND		0.025	0.0087	mg/L		01/13/20 09:21	01/14/20 11:56	1
Silver	ND		0.0060	0.0017	mg/L		01/13/20 09:21	01/13/20 17:33	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-165018-1

Client Sample ID: LDP-02R

Lab Sample ID: 480-165018-1

Date Collected: 01/09/20 10:30

Matrix: Water

Date Received: 01/09/20 14:10

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	27.8		1.0	0.32	mg/L		01/13/20 09:21	01/13/20 17:33	1
Thallium	ND		0.020	0.010	mg/L		01/13/20 09:21	01/13/20 17:33	1
Vanadium	ND		0.0050	0.0015	mg/L		01/13/20 09:21	01/13/20 17:33	1
Zinc	0.0037	J	0.010	0.0015	mg/L		01/13/20 09:21	01/13/20 17:33	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		01/14/20 11:33	01/14/20 14:08	1

Well LDP-03

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123215-1

Client Sample ID: NS-LDP-003-GW

Lab Sample ID: 480-123215-3

Date Collected: 08/24/17 00:00

Matrix: Water

Date Received: 08/24/17 17:02

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/29/17 04:01	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/29/17 04:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/29/17 04:01	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/29/17 04:01	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/29/17 04:01	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/29/17 04:01	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/29/17 04:01	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/29/17 04:01	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/29/17 04:01	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/29/17 04:01	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/29/17 04:01	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/29/17 04:01	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/29/17 04:01	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/29/17 04:01	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/29/17 04:01	1
2-Hexanone	ND		5.0	1.2	ug/L			08/29/17 04:01	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/29/17 04:01	1
Acetone	22		10	3.0	ug/L			08/29/17 04:01	1
Benzene	ND		1.0	0.41	ug/L			08/29/17 04:01	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/29/17 04:01	1
Bromoform	ND		1.0	0.26	ug/L			08/29/17 04:01	1
Bromomethane	ND		1.0	0.69	ug/L			08/29/17 04:01	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/29/17 04:01	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/29/17 04:01	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/29/17 04:01	1
Chloroethane	ND		1.0	0.32	ug/L			08/29/17 04:01	1
Chloroform	ND		1.0	0.34	ug/L			08/29/17 04:01	1
Chloromethane	ND		1.0	0.35	ug/L			08/29/17 04:01	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/29/17 04:01	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/29/17 04:01	1
Cyclohexane	ND		1.0	0.18	ug/L			08/29/17 04:01	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/29/17 04:01	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/29/17 04:01	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/29/17 04:01	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/29/17 04:01	1
Methyl acetate	ND		2.5	1.3	ug/L			08/29/17 04:01	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/29/17 04:01	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/29/17 04:01	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/29/17 04:01	1
Styrene	ND		1.0	0.73	ug/L			08/29/17 04:01	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/29/17 04:01	1
Toluene	ND		1.0	0.51	ug/L			08/29/17 04:01	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/29/17 04:01	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/29/17 04:01	1
Trichloroethene	ND		1.0	0.46	ug/L			08/29/17 04:01	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/29/17 04:01	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/29/17 04:01	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/29/17 04:01	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123215-1

Client Sample ID: NS-LDP-003-GW

Lab Sample ID: 480-123215-3

Date Collected: 08/24/17 00:00

Matrix: Water

Date Received: 08/24/17 17:02

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		08/29/17 04:01	1
4-Bromofluorobenzene (Surr)	97		73 - 120		08/29/17 04:01	1
Toluene-d8 (Surr)	99		80 - 120		08/29/17 04:01	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		08/25/17 14:21	08/28/17 18:28	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		08/25/17 14:21	08/28/17 18:28	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		08/25/17 14:21	08/28/17 18:28	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		08/25/17 14:21	08/28/17 18:28	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		08/25/17 14:21	08/28/17 18:28	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		08/25/17 14:21	08/28/17 18:28	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		08/25/17 14:21	08/28/17 18:28	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		08/25/17 14:21	08/28/17 18:28	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		08/25/17 14:21	08/28/17 18:28	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		08/25/17 14:21	08/28/17 18:28	1
2-Chlorophenol	ND		5.0	0.53	ug/L		08/25/17 14:21	08/28/17 18:28	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		08/25/17 14:21	08/28/17 18:28	1
2-Methylphenol	ND		5.0	0.40	ug/L		08/25/17 14:21	08/28/17 18:28	1
2-Nitroaniline	ND		10	0.42	ug/L		08/25/17 14:21	08/28/17 18:28	1
2-Nitrophenol	ND		5.0	0.48	ug/L		08/25/17 14:21	08/28/17 18:28	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		08/25/17 14:21	08/28/17 18:28	1
3-Nitroaniline	ND		10	0.48	ug/L		08/25/17 14:21	08/28/17 18:28	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		08/25/17 14:21	08/28/17 18:28	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		08/25/17 14:21	08/28/17 18:28	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		08/25/17 14:21	08/28/17 18:28	1
4-Chloroaniline	ND		5.0	0.59	ug/L		08/25/17 14:21	08/28/17 18:28	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		08/25/17 14:21	08/28/17 18:28	1
4-Methylphenol	ND		10	0.36	ug/L		08/25/17 14:21	08/28/17 18:28	1
4-Nitroaniline	ND		10	0.25	ug/L		08/25/17 14:21	08/28/17 18:28	1
4-Nitrophenol	ND		10	1.5	ug/L		08/25/17 14:21	08/28/17 18:28	1
Acenaphthene	ND		5.0	0.41	ug/L		08/25/17 14:21	08/28/17 18:28	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/25/17 14:21	08/28/17 18:28	1
Acetophenone	0.61	J	5.0	0.54	ug/L		08/25/17 14:21	08/28/17 18:28	1
Anthracene	ND		5.0	0.28	ug/L		08/25/17 14:21	08/28/17 18:28	1
Atrazine	ND		5.0	0.46	ug/L		08/25/17 14:21	08/28/17 18:28	1
Benzaldehyde	ND		5.0	0.27	ug/L		08/25/17 14:21	08/28/17 18:28	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		08/25/17 14:21	08/28/17 18:28	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		08/25/17 14:21	08/28/17 18:28	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		08/25/17 14:21	08/28/17 18:28	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		08/25/17 14:21	08/28/17 18:28	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		08/25/17 14:21	08/28/17 18:28	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		08/25/17 14:21	08/28/17 18:28	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		08/25/17 14:21	08/28/17 18:28	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		08/25/17 14:21	08/28/17 18:28	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		08/25/17 14:21	08/28/17 18:28	1
Caprolactam	ND		5.0	2.2	ug/L		08/25/17 14:21	08/28/17 18:28	1
Carbazole	ND		5.0	0.30	ug/L		08/25/17 14:21	08/28/17 18:28	1
Chrysene	ND		5.0	0.33	ug/L		08/25/17 14:21	08/28/17 18:28	1
Di-n-butyl phthalate	0.34	J	5.0	0.31	ug/L		08/25/17 14:21	08/28/17 18:28	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123215-1

Client Sample ID: NS-LDP-003-GW

Lab Sample ID: 480-123215-3

Date Collected: 08/24/17 00:00

Matrix: Water

Date Received: 08/24/17 17:02

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		08/25/17 14:21	08/28/17 18:28	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/25/17 14:21	08/28/17 18:28	1
Dibenzofuran	ND		10	0.51	ug/L		08/25/17 14:21	08/28/17 18:28	1
Diethyl phthalate	ND		5.0	0.22	ug/L		08/25/17 14:21	08/28/17 18:28	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		08/25/17 14:21	08/28/17 18:28	1
Fluoranthene	ND		5.0	0.40	ug/L		08/25/17 14:21	08/28/17 18:28	1
Fluorene	ND		5.0	0.36	ug/L		08/25/17 14:21	08/28/17 18:28	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		08/25/17 14:21	08/28/17 18:28	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		08/25/17 14:21	08/28/17 18:28	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		08/25/17 14:21	08/28/17 18:28	1
Hexachloroethane	ND		5.0	0.59	ug/L		08/25/17 14:21	08/28/17 18:28	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		08/25/17 14:21	08/28/17 18:28	1
Isophorone	ND		5.0	0.43	ug/L		08/25/17 14:21	08/28/17 18:28	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		08/25/17 14:21	08/28/17 18:28	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		08/25/17 14:21	08/28/17 18:28	1
Naphthalene	ND		5.0	0.76	ug/L		08/25/17 14:21	08/28/17 18:28	1
Nitrobenzene	ND		5.0	0.29	ug/L		08/25/17 14:21	08/28/17 18:28	1
Pentachlorophenol	ND		10	2.2	ug/L		08/25/17 14:21	08/28/17 18:28	1
Phenanthrene	0.49	J	5.0	0.44	ug/L		08/25/17 14:21	08/28/17 18:28	1
Phenol	ND		5.0	0.39	ug/L		08/25/17 14:21	08/28/17 18:28	1
Pyrene	ND		5.0	0.34	ug/L		08/25/17 14:21	08/28/17 18:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	92		41 - 120	08/25/17 14:21	08/28/17 18:28	1
2-Fluorobiphenyl	76		48 - 120	08/25/17 14:21	08/28/17 18:28	1
2-Fluorophenol	64		35 - 120	08/25/17 14:21	08/28/17 18:28	1
Nitrobenzene-d5	81		46 - 120	08/25/17 14:21	08/28/17 18:28	1
p-Terphenyl-d14	74		59 - 136	08/25/17 14:21	08/28/17 18:28	1
Phenol-d5	51		22 - 120	08/25/17 14:21	08/28/17 18:28	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.044	J	0.052	0.0096	ug/L		08/25/17 07:30	08/25/17 21:14	1
4,4'-DDE	ND		0.052	0.012	ug/L		08/25/17 07:30	08/25/17 21:14	1
4,4'-DDT	0.043	J	0.052	0.011	ug/L		08/25/17 07:30	08/25/17 21:14	1
Aldrin	0.021	J	0.052	0.0084	ug/L		08/25/17 07:30	08/25/17 21:14	1
alpha-BHC	ND		0.052	0.0080	ug/L		08/25/17 07:30	08/25/17 21:14	1
alpha-Chlordane	ND		0.052	0.015	ug/L		08/25/17 07:30	08/25/17 21:14	1
beta-BHC	ND		0.052	0.026	ug/L		08/25/17 07:30	08/25/17 21:14	1
delta-BHC	ND		0.052	0.010	ug/L		08/25/17 07:30	08/25/17 21:14	1
Dieldrin	ND		0.052	0.010	ug/L		08/25/17 07:30	08/25/17 21:14	1
Endosulfan I	0.029	J	0.052	0.011	ug/L		08/25/17 07:30	08/25/17 21:14	1
Endosulfan II	ND		0.052	0.013	ug/L		08/25/17 07:30	08/25/17 21:14	1
Endosulfan sulfate	ND		0.052	0.016	ug/L		08/25/17 07:30	08/25/17 21:14	1
Endrin	ND		0.052	0.014	ug/L		08/25/17 07:30	08/25/17 21:14	1
Endrin aldehyde	ND		0.052	0.017	ug/L		08/25/17 07:30	08/25/17 21:14	1
Endrin ketone	ND		0.052	0.013	ug/L		08/25/17 07:30	08/25/17 21:14	1
gamma-BHC (Lindane)	ND		0.052	0.0083	ug/L		08/25/17 07:30	08/25/17 21:14	1
gamma-Chlordane	ND		0.052	0.011	ug/L		08/25/17 07:30	08/25/17 21:14	1
Heptachlor	ND		0.052	0.0089	ug/L		08/25/17 07:30	08/25/17 21:14	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123215-1

Client Sample ID: NS-LDP-003-GW

Lab Sample ID: 480-123215-3

Date Collected: 08/24/17 00:00

Matrix: Water

Date Received: 08/24/17 17:02

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		0.052	0.0077	ug/L		08/25/17 07:30	08/25/17 21:14	1
Methoxychlor	ND		0.052	0.015	ug/L		08/25/17 07:30	08/25/17 21:14	1
Toxaphene	ND		0.52	0.13	ug/L		08/25/17 07:30	08/25/17 21:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	61		20 - 120				08/25/17 07:30	08/25/17 21:14	1
DCB Decachlorobiphenyl	31		20 - 120				08/25/17 07:30	08/25/17 21:14	1
Tetrachloro-m-xylene	185	X	44 - 120				08/25/17 07:30	08/25/17 21:14	1
Tetrachloro-m-xylene	98		44 - 120				08/25/17 07:30	08/25/17 21:14	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.52	0.18	ug/L		08/28/17 14:18	08/29/17 17:58	1
PCB-1221	ND		0.52	0.18	ug/L		08/28/17 14:18	08/29/17 17:58	1
PCB-1232	ND		0.52	0.18	ug/L		08/28/17 14:18	08/29/17 17:58	1
PCB-1242	ND		0.52	0.18	ug/L		08/28/17 14:18	08/29/17 17:58	1
PCB-1248	ND		0.52	0.18	ug/L		08/28/17 14:18	08/29/17 17:58	1
PCB-1254	ND		0.52	0.26	ug/L		08/28/17 14:18	08/29/17 17:58	1
PCB-1260	ND		0.52	0.26	ug/L		08/28/17 14:18	08/29/17 17:58	1
PCB-1262	ND		0.52	0.26	ug/L		08/28/17 14:18	08/29/17 17:58	1
PCB-1268	ND		0.52	0.26	ug/L		08/28/17 14:18	08/29/17 17:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	63		39 - 121				08/28/17 14:18	08/29/17 17:58	1
Tetrachloro-m-xylene	48		39 - 121				08/28/17 14:18	08/29/17 17:58	1
DCB Decachlorobiphenyl	38		19 - 120				08/28/17 14:18	08/29/17 17:58	1
DCB Decachlorobiphenyl	34		19 - 120				08/28/17 14:18	08/29/17 17:58	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1.5		0.20	0.060	mg/L		08/28/17 07:46	08/28/17 18:12	1
Antimony	ND		0.020	0.0068	mg/L		08/28/17 07:46	08/28/17 18:12	1
Arsenic	ND		0.015	0.0056	mg/L		08/28/17 07:46	08/29/17 15:31	1
Barium	0.052		0.0020	0.00070	mg/L		08/28/17 07:46	08/28/17 18:12	1
Beryllium	ND		0.0020	0.00030	mg/L		08/28/17 07:46	08/28/17 18:12	1
Cadmium	ND		0.0020	0.00050	mg/L		08/28/17 07:46	08/28/17 18:12	1
Calcium	187		0.50	0.10	mg/L		08/28/17 07:46	08/28/17 18:12	1
Chromium	0.0021	J	0.0040	0.0010	mg/L		08/28/17 07:46	08/28/17 18:12	1
Cobalt	ND		0.0040	0.00063	mg/L		08/28/17 07:46	08/28/17 18:12	1
Copper	0.0027	J	0.010	0.0016	mg/L		08/28/17 07:46	08/28/17 18:12	1
Iron	1.5		0.050	0.019	mg/L		08/28/17 07:46	08/28/17 18:12	1
Lead	0.0031	J	0.010	0.0030	mg/L		08/28/17 07:46	08/28/17 18:12	1
Magnesium	48.8		0.20	0.043	mg/L		08/28/17 07:46	08/28/17 18:12	1
Manganese	0.049	B	0.0030	0.00040	mg/L		08/28/17 07:46	08/28/17 18:12	1
Nickel	0.0024	J	0.010	0.0013	mg/L		08/28/17 07:46	08/28/17 18:12	1
Potassium	0.99		0.50	0.10	mg/L		08/28/17 07:46	08/28/17 18:12	1
Selenium	ND		0.025	0.0087	mg/L		08/28/17 07:46	08/28/17 18:12	1
Silver	ND		0.0060	0.0017	mg/L		08/28/17 07:46	08/28/17 18:12	1
Sodium	13.8		1.0	0.32	mg/L		08/28/17 07:46	08/28/17 18:12	1
Thallium	ND		0.020	0.010	mg/L		08/28/17 07:46	08/28/17 18:12	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123215-1

Client Sample ID: NS-LDP-003-GW

Lab Sample ID: 480-123215-3

Date Collected: 08/24/17 00:00

Matrix: Water

Date Received: 08/24/17 17:02

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	0.0035	J	0.0050	0.0015	mg/L		08/28/17 07:46	08/28/17 18:12	1
Zinc	0.0073	J	0.010	0.0015	mg/L		08/28/17 07:46	08/28/17 18:12	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/28/17 07:46	08/28/17 17:38	1
Antimony	ND		0.020	0.0068	mg/L		08/28/17 07:46	08/28/17 17:38	1
Arsenic	ND		0.015	0.0056	mg/L		08/28/17 07:46	08/28/17 17:38	1
Barium	0.044		0.0020	0.00070	mg/L		08/28/17 07:46	08/28/17 17:38	1
Beryllium	ND		0.0020	0.00030	mg/L		08/28/17 07:46	08/28/17 17:38	1
Cadmium	ND		0.0020	0.00050	mg/L		08/28/17 07:46	08/28/17 17:38	1
Calcium	180		0.50	0.10	mg/L		08/28/17 07:46	08/28/17 17:38	1
Chromium	ND		0.0040	0.0010	mg/L		08/28/17 07:46	08/28/17 17:38	1
Cobalt	ND		0.0040	0.00063	mg/L		08/28/17 07:46	08/28/17 17:38	1
Copper	0.0024	J	0.010	0.0016	mg/L		08/28/17 07:46	08/28/17 17:38	1
Iron	ND		0.050	0.019	mg/L		08/28/17 07:46	08/28/17 17:38	1
Lead	ND		0.010	0.0030	mg/L		08/28/17 07:46	08/28/17 17:38	1
Magnesium	47.4		0.20	0.043	mg/L		08/28/17 07:46	08/28/17 17:38	1
Manganese	0.022		0.0030	0.00040	mg/L		08/28/17 07:46	08/28/17 17:38	1
Nickel	0.0025	J	0.010	0.0013	mg/L		08/28/17 07:46	08/28/17 17:38	1
Potassium	0.54	B	0.50	0.10	mg/L		08/28/17 07:46	08/28/17 17:38	1
Selenium	ND		0.025	0.0087	mg/L		08/28/17 07:46	08/28/17 17:38	1
Silver	ND		0.0060	0.0017	mg/L		08/28/17 07:46	08/28/17 17:38	1
Sodium	13.8		1.0	0.32	mg/L		08/28/17 07:46	08/28/17 17:38	1
Thallium	ND		0.020	0.010	mg/L		08/28/17 07:46	08/28/17 17:38	1
Vanadium	ND		0.0050	0.0015	mg/L		08/28/17 07:46	08/28/17 17:38	1
Zinc	0.0075	J B	0.010	0.0015	mg/L		08/28/17 07:46	08/28/17 17:38	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/25/17 11:15	08/25/17 14:58	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/28/17 10:45	08/28/17 16:09	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161562-1

Client Sample ID: LDP-03

Lab Sample ID: 480-161562-9

Date Collected: 10/24/19 15:00

Matrix: Water

Date Received: 10/24/19 17:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/04/19 15:17	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/04/19 15:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/04/19 15:17	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/04/19 15:17	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/04/19 15:17	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/04/19 15:17	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/04/19 15:17	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/04/19 15:17	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/04/19 15:17	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/04/19 15:17	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/04/19 15:17	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/04/19 15:17	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/04/19 15:17	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/04/19 15:17	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/04/19 15:17	1
2-Hexanone	ND		5.0	1.2	ug/L			11/04/19 15:17	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/04/19 15:17	1
Acetone	ND		10	3.0	ug/L			11/04/19 15:17	1
Benzene	ND		1.0	0.41	ug/L			11/04/19 15:17	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/04/19 15:17	1
Bromoform	ND		1.0	0.26	ug/L			11/04/19 15:17	1
Bromomethane	ND		1.0	0.69	ug/L			11/04/19 15:17	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/04/19 15:17	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/04/19 15:17	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/04/19 15:17	1
Chloroethane	ND		1.0	0.32	ug/L			11/04/19 15:17	1
Chloroform	ND		1.0	0.34	ug/L			11/04/19 15:17	1
Chloromethane	ND		1.0	0.35	ug/L			11/04/19 15:17	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/04/19 15:17	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/04/19 15:17	1
Cyclohexane	ND		1.0	0.18	ug/L			11/04/19 15:17	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/04/19 15:17	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/04/19 15:17	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/04/19 15:17	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/04/19 15:17	1
Methyl acetate	ND		2.5	1.3	ug/L			11/04/19 15:17	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/04/19 15:17	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/04/19 15:17	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/04/19 15:17	1
Styrene	ND		1.0	0.73	ug/L			11/04/19 15:17	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/04/19 15:17	1
Toluene	ND		1.0	0.51	ug/L			11/04/19 15:17	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/04/19 15:17	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/04/19 15:17	1
Trichloroethene	ND		1.0	0.46	ug/L			11/04/19 15:17	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/04/19 15:17	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/04/19 15:17	1
Xylenes, Total	3.3		2.0	0.66	ug/L			11/04/19 15:17	1
t-Butyl alcohol	ND		10	3.3	ug/L			11/04/19 15:17	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-161562-1

Client Sample ID: LDP-03

Lab Sample ID: 480-161562-9

Date Collected: 10/24/19 15:00

Matrix: Water

Date Received: 10/24/19 17:25

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		11/04/19 15:17	1
4-Bromofluorobenzene (Surr)	98		73 - 120		11/04/19 15:17	1
Dibromofluoromethane (Surr)	106		75 - 123		11/04/19 15:17	1
Toluene-d8 (Surr)	93		80 - 120		11/04/19 15:17	1

Well LDP-04

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123256-1

Client Sample ID: NS-LDP-004-GW

Lab Sample ID: 480-123256-4

Date Collected: 08/25/17 00:00

Matrix: Water

Date Received: 08/25/17 14:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/29/17 04:47	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/29/17 04:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/29/17 04:47	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/29/17 04:47	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/29/17 04:47	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/29/17 04:47	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/29/17 04:47	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/29/17 04:47	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/29/17 04:47	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/29/17 04:47	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/29/17 04:47	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/29/17 04:47	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/29/17 04:47	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/29/17 04:47	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/29/17 04:47	1
2-Hexanone	ND		5.0	1.2	ug/L			08/29/17 04:47	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/29/17 04:47	1
Acetone	13		10	3.0	ug/L			08/29/17 04:47	1
Benzene	ND		1.0	0.41	ug/L			08/29/17 04:47	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/29/17 04:47	1
Bromoform	ND		1.0	0.26	ug/L			08/29/17 04:47	1
Bromomethane	ND		1.0	0.69	ug/L			08/29/17 04:47	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/29/17 04:47	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/29/17 04:47	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/29/17 04:47	1
Chloroethane	ND		1.0	0.32	ug/L			08/29/17 04:47	1
Chloroform	ND		1.0	0.34	ug/L			08/29/17 04:47	1
Chloromethane	ND		1.0	0.35	ug/L			08/29/17 04:47	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/29/17 04:47	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/29/17 04:47	1
Cyclohexane	ND		1.0	0.18	ug/L			08/29/17 04:47	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/29/17 04:47	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/29/17 04:47	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/29/17 04:47	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/29/17 04:47	1
Methyl acetate	ND		2.5	1.3	ug/L			08/29/17 04:47	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/29/17 04:47	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/29/17 04:47	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/29/17 04:47	1
Styrene	ND		1.0	0.73	ug/L			08/29/17 04:47	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/29/17 04:47	1
Toluene	ND		1.0	0.51	ug/L			08/29/17 04:47	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/29/17 04:47	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/29/17 04:47	1
Trichloroethene	ND		1.0	0.46	ug/L			08/29/17 04:47	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/29/17 04:47	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/29/17 04:47	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/29/17 04:47	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123256-1

Client Sample ID: NS-LDP-004-GW

Lab Sample ID: 480-123256-4

Date Collected: 08/25/17 00:00

Matrix: Water

Date Received: 08/25/17 14:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		08/29/17 04:47	1
4-Bromofluorobenzene (Surr)	97		73 - 120		08/29/17 04:47	1
Toluene-d8 (Surr)	99		80 - 120		08/29/17 04:47	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		25	3.3	ug/L		08/28/17 08:08	08/30/17 23:52	5
bis (2-chloroisopropyl) ether	ND		25	2.6	ug/L		08/28/17 08:08	08/30/17 23:52	5
2,4,5-Trichlorophenol	ND		25	2.4	ug/L		08/28/17 08:08	08/30/17 23:52	5
2,4,6-Trichlorophenol	ND		25	3.1	ug/L		08/28/17 08:08	08/30/17 23:52	5
2,4-Dichlorophenol	ND		25	2.6	ug/L		08/28/17 08:08	08/30/17 23:52	5
2,4-Dimethylphenol	ND		25	2.5	ug/L		08/28/17 08:08	08/30/17 23:52	5
2,4-Dinitrophenol	ND		50	11	ug/L		08/28/17 08:08	08/30/17 23:52	5
2,4-Dinitrotoluene	ND		25	2.2	ug/L		08/28/17 08:08	08/30/17 23:52	5
2,6-Dinitrotoluene	ND		25	2.0	ug/L		08/28/17 08:08	08/30/17 23:52	5
2-Chloronaphthalene	ND		25	2.3	ug/L		08/28/17 08:08	08/30/17 23:52	5
2-Chlorophenol	ND		25	2.7	ug/L		08/28/17 08:08	08/30/17 23:52	5
2-Methylnaphthalene	ND		25	3.0	ug/L		08/28/17 08:08	08/30/17 23:52	5
2-Methylphenol	ND		25	2.0	ug/L		08/28/17 08:08	08/30/17 23:52	5
2-Nitroaniline	ND		50	2.1	ug/L		08/28/17 08:08	08/30/17 23:52	5
2-Nitrophenol	ND		25	2.4	ug/L		08/28/17 08:08	08/30/17 23:52	5
3,3'-Dichlorobenzidine	ND		25	2.0	ug/L		08/28/17 08:08	08/30/17 23:52	5
3-Nitroaniline	ND		50	2.4	ug/L		08/28/17 08:08	08/30/17 23:52	5
4,6-Dinitro-2-methylphenol	ND		50	11	ug/L		08/28/17 08:08	08/30/17 23:52	5
4-Bromophenyl phenyl ether	ND		25	2.3	ug/L		08/28/17 08:08	08/30/17 23:52	5
4-Chloro-3-methylphenol	ND		25	2.3	ug/L		08/28/17 08:08	08/30/17 23:52	5
4-Chloroaniline	ND		25	3.0	ug/L		08/28/17 08:08	08/30/17 23:52	5
4-Chlorophenyl phenyl ether	ND		25	1.8	ug/L		08/28/17 08:08	08/30/17 23:52	5
4-Methylphenol	ND		50	1.8	ug/L		08/28/17 08:08	08/30/17 23:52	5
4-Nitroaniline	ND		50	1.3	ug/L		08/28/17 08:08	08/30/17 23:52	5
4-Nitrophenol	ND		50	7.6	ug/L		08/28/17 08:08	08/30/17 23:52	5
Acenaphthene	ND		25	2.1	ug/L		08/28/17 08:08	08/30/17 23:52	5
Acenaphthylene	ND		25	1.9	ug/L		08/28/17 08:08	08/30/17 23:52	5
Acetophenone	ND		25	2.7	ug/L		08/28/17 08:08	08/30/17 23:52	5
Anthracene	ND		25	1.4	ug/L		08/28/17 08:08	08/30/17 23:52	5
Atrazine	ND		25	2.3	ug/L		08/28/17 08:08	08/30/17 23:52	5
Benzaldehyde	ND		25	1.3	ug/L		08/28/17 08:08	08/30/17 23:52	5
Benzo(a)anthracene	ND		25	1.8	ug/L		08/28/17 08:08	08/30/17 23:52	5
Benzo(a)pyrene	ND		25	2.4	ug/L		08/28/17 08:08	08/30/17 23:52	5
Benzo(b)fluoranthene	ND		25	1.7	ug/L		08/28/17 08:08	08/30/17 23:52	5
Benzo(g,h,i)perylene	ND		25	1.8	ug/L		08/28/17 08:08	08/30/17 23:52	5
Benzo(k)fluoranthene	ND		25	3.7	ug/L		08/28/17 08:08	08/30/17 23:52	5
Bis(2-chloroethoxy)methane	ND		25	1.8	ug/L		08/28/17 08:08	08/30/17 23:52	5
Bis(2-chloroethyl)ether	ND		25	2.0	ug/L		08/28/17 08:08	08/30/17 23:52	5
Bis(2-ethylhexyl) phthalate	ND		25	11	ug/L		08/28/17 08:08	08/30/17 23:52	5
Butyl benzyl phthalate	ND		25	5.0	ug/L		08/28/17 08:08	08/30/17 23:52	5
Caprolactam	ND		25	11	ug/L		08/28/17 08:08	08/30/17 23:52	5
Carbazole	ND		25	1.5	ug/L		08/28/17 08:08	08/30/17 23:52	5
Chrysene	ND		25	1.7	ug/L		08/28/17 08:08	08/30/17 23:52	5
Di-n-butyl phthalate	ND		25	1.6	ug/L		08/28/17 08:08	08/30/17 23:52	5

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123256-1

Client Sample ID: NS-LDP-004-GW

Lab Sample ID: 480-123256-4

Date Collected: 08/25/17 00:00

Matrix: Water

Date Received: 08/25/17 14:30

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		25	2.4	ug/L		08/28/17 08:08	08/30/17 23:52	5
Dibenz(a,h)anthracene	ND		25	2.1	ug/L		08/28/17 08:08	08/30/17 23:52	5
Dibenzofuran	ND		50	2.6	ug/L		08/28/17 08:08	08/30/17 23:52	5
Diethyl phthalate	ND		25	1.1	ug/L		08/28/17 08:08	08/30/17 23:52	5
Dimethyl phthalate	ND		25	1.8	ug/L		08/28/17 08:08	08/30/17 23:52	5
Fluoranthene	ND		25	2.0	ug/L		08/28/17 08:08	08/30/17 23:52	5
Fluorene	ND		25	1.8	ug/L		08/28/17 08:08	08/30/17 23:52	5
Hexachlorobenzene	ND		25	2.6	ug/L		08/28/17 08:08	08/30/17 23:52	5
Hexachlorobutadiene	ND		25	3.4	ug/L		08/28/17 08:08	08/30/17 23:52	5
Hexachlorocyclopentadiene	ND		25	3.0	ug/L		08/28/17 08:08	08/30/17 23:52	5
Hexachloroethane	ND		25	3.0	ug/L		08/28/17 08:08	08/30/17 23:52	5
Indeno(1,2,3-cd)pyrene	ND		25	2.4	ug/L		08/28/17 08:08	08/30/17 23:52	5
Isophorone	ND		25	2.2	ug/L		08/28/17 08:08	08/30/17 23:52	5
N-Nitrosodi-n-propylamine	ND		25	2.7	ug/L		08/28/17 08:08	08/30/17 23:52	5
N-Nitrosodiphenylamine	ND		25	2.6	ug/L		08/28/17 08:08	08/30/17 23:52	5
Naphthalene	ND		25	3.8	ug/L		08/28/17 08:08	08/30/17 23:52	5
Nitrobenzene	ND		25	1.5	ug/L		08/28/17 08:08	08/30/17 23:52	5
Pentachlorophenol	ND		50	11	ug/L		08/28/17 08:08	08/30/17 23:52	5
Phenanthrene	ND		25	2.2	ug/L		08/28/17 08:08	08/30/17 23:52	5
Phenol	ND		25	2.0	ug/L		08/28/17 08:08	08/30/17 23:52	5
Pyrene	ND		25	1.7	ug/L		08/28/17 08:08	08/30/17 23:52	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	92		41 - 120	08/28/17 08:08	08/30/17 23:52	5
2-Fluorobiphenyl	86		48 - 120	08/28/17 08:08	08/30/17 23:52	5
2-Fluorophenol	67		35 - 120	08/28/17 08:08	08/30/17 23:52	5
Nitrobenzene-d5	91		46 - 120	08/28/17 08:08	08/30/17 23:52	5
p-Terphenyl-d14	73		59 - 136	08/28/17 08:08	08/30/17 23:52	5
Phenol-d5	51		22 - 120	08/28/17 08:08	08/30/17 23:52	5

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.031	J	0.050	0.0092	ug/L		08/29/17 07:47	08/29/17 19:36	1
4,4'-DDE	ND		0.050	0.012	ug/L		08/29/17 07:47	08/29/17 19:36	1
4,4'-DDT	0.056		0.050	0.011	ug/L		08/29/17 07:47	08/29/17 19:36	1
Aldrin	ND		0.050	0.0081	ug/L		08/29/17 07:47	08/29/17 19:36	1
alpha-BHC	0.038	J	0.050	0.0077	ug/L		08/29/17 07:47	08/29/17 19:36	1
alpha-Chlordane	ND		0.050	0.015	ug/L		08/29/17 07:47	08/29/17 19:36	1
beta-BHC	ND		0.050	0.025	ug/L		08/29/17 07:47	08/29/17 19:36	1
delta-BHC	ND		0.050	0.010	ug/L		08/29/17 07:47	08/29/17 19:36	1
Dieldrin	ND		0.050	0.0098	ug/L		08/29/17 07:47	08/29/17 19:36	1
Endosulfan I	ND		0.050	0.011	ug/L		08/29/17 07:47	08/29/17 19:36	1
Endosulfan II	ND		0.050	0.012	ug/L		08/29/17 07:47	08/29/17 19:36	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		08/29/17 07:47	08/29/17 19:36	1
Endrin	ND		0.050	0.014	ug/L		08/29/17 07:47	08/29/17 19:36	1
Endrin aldehyde	ND		0.050	0.016	ug/L		08/29/17 07:47	08/29/17 19:36	1
Endrin ketone	ND		0.050	0.012	ug/L		08/29/17 07:47	08/29/17 19:36	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		08/29/17 07:47	08/29/17 19:36	1
gamma-Chlordane	ND		0.050	0.011	ug/L		08/29/17 07:47	08/29/17 19:36	1
Heptachlor	ND		0.050	0.0085	ug/L		08/29/17 07:47	08/29/17 19:36	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123256-1

Client Sample ID: NS-LDP-004-GW

Lab Sample ID: 480-123256-4

Date Collected: 08/25/17 00:00

Matrix: Water

Date Received: 08/25/17 14:30

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		0.050	0.0074	ug/L		08/29/17 07:47	08/29/17 19:36	1
Methoxychlor	ND		0.050	0.014	ug/L		08/29/17 07:47	08/29/17 19:36	1
Toxaphene	ND		0.50	0.12	ug/L		08/29/17 07:47	08/29/17 19:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	79		20 - 120				08/29/17 07:47	08/29/17 19:36	1
DCB Decachlorobiphenyl	67		20 - 120				08/29/17 07:47	08/29/17 19:36	1
Tetrachloro-m-xylene	130	X	44 - 120				08/29/17 07:47	08/29/17 19:36	1
Tetrachloro-m-xylene	91		44 - 120				08/29/17 07:47	08/29/17 19:36	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		08/28/17 14:18	08/29/17 18:30	1
PCB-1221	ND		0.50	0.18	ug/L		08/28/17 14:18	08/29/17 18:30	1
PCB-1232	ND		0.50	0.18	ug/L		08/28/17 14:18	08/29/17 18:30	1
PCB-1242	ND		0.50	0.18	ug/L		08/28/17 14:18	08/29/17 18:30	1
PCB-1248	ND		0.50	0.18	ug/L		08/28/17 14:18	08/29/17 18:30	1
PCB-1254	ND		0.50	0.25	ug/L		08/28/17 14:18	08/29/17 18:30	1
PCB-1260	ND		0.50	0.25	ug/L		08/28/17 14:18	08/29/17 18:30	1
PCB-1262	ND		0.50	0.25	ug/L		08/28/17 14:18	08/29/17 18:30	1
PCB-1268	ND		0.50	0.25	ug/L		08/28/17 14:18	08/29/17 18:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	61		39 - 121				08/28/17 14:18	08/29/17 18:30	1
Tetrachloro-m-xylene	51		39 - 121				08/28/17 14:18	08/29/17 18:30	1
DCB Decachlorobiphenyl	48		19 - 120				08/28/17 14:18	08/29/17 18:30	1
DCB Decachlorobiphenyl	43		19 - 120				08/28/17 14:18	08/29/17 18:30	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.30		0.20	0.060	mg/L		08/28/17 09:18	08/28/17 15:58	1
Antimony	ND		0.020	0.0068	mg/L		08/28/17 09:18	08/28/17 15:58	1
Arsenic	ND		0.015	0.0056	mg/L		08/28/17 09:18	08/28/17 15:58	1
Barium	0.076		0.0020	0.00070	mg/L		08/28/17 09:18	08/28/17 15:58	1
Beryllium	ND		0.0020	0.00030	mg/L		08/28/17 09:18	08/28/17 15:58	1
Cadmium	ND		0.0020	0.00050	mg/L		08/28/17 09:18	08/28/17 15:58	1
Calcium	179		0.50	0.10	mg/L		08/28/17 09:18	08/28/17 15:58	1
Chromium	ND		0.0040	0.0010	mg/L		08/28/17 09:18	08/28/17 15:58	1
Cobalt	0.0013	J	0.0040	0.00063	mg/L		08/28/17 09:18	08/28/17 15:58	1
Copper	0.0017	J	0.010	0.0016	mg/L		08/28/17 09:18	08/28/17 15:58	1
Iron	0.21		0.050	0.019	mg/L		08/28/17 09:18	08/28/17 15:58	1
Lead	ND		0.010	0.0030	mg/L		08/28/17 09:18	08/28/17 15:58	1
Magnesium	71.6		0.20	0.043	mg/L		08/28/17 09:18	08/28/17 15:58	1
Manganese	0.24	B	0.0030	0.00040	mg/L		08/28/17 09:18	08/28/17 15:58	1
Nickel	0.0066	J	0.010	0.0013	mg/L		08/28/17 09:18	08/28/17 15:58	1
Potassium	9.7	B	0.50	0.10	mg/L		08/28/17 09:18	08/28/17 15:58	1
Selenium	ND		0.025	0.0087	mg/L		08/28/17 09:18	08/28/17 15:58	1
Silver	ND		0.0060	0.0017	mg/L		08/28/17 09:18	08/28/17 15:58	1
Sodium	51.0		1.0	0.32	mg/L		08/28/17 09:18	08/28/17 15:58	1
Thallium	ND		0.020	0.010	mg/L		08/28/17 09:18	08/28/17 15:58	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

TestAmerica Job ID: 480-123256-1

Client Sample ID: NS-LDP-004-GW

Lab Sample ID: 480-123256-4

Date Collected: 08/25/17 00:00

Matrix: Water

Date Received: 08/25/17 14:30

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	ND		0.0050	0.0015	mg/L		08/28/17 09:18	08/28/17 15:58	1
Zinc	0.0052	J	0.010	0.0015	mg/L		08/28/17 09:18	08/28/17 15:58	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		08/29/17 10:42	08/29/17 17:15	1
Antimony	ND		0.020	0.0068	mg/L		08/29/17 10:42	08/29/17 17:15	1
Arsenic	ND		0.015	0.0056	mg/L		08/29/17 10:42	08/29/17 17:15	1
Barium	0.073		0.0020	0.00070	mg/L		08/29/17 10:42	08/29/17 17:15	1
Beryllium	ND		0.0020	0.00030	mg/L		08/29/17 10:42	08/29/17 17:15	1
Cadmium	0.00052	J	0.0020	0.00050	mg/L		08/29/17 10:42	08/29/17 17:15	1
Calcium	171		0.50	0.10	mg/L		08/29/17 10:42	08/29/17 17:15	1
Chromium	ND		0.0040	0.0010	mg/L		08/29/17 10:42	08/29/17 17:15	1
Cobalt	0.0011	J	0.0040	0.00063	mg/L		08/29/17 10:42	08/29/17 17:15	1
Copper	ND		0.010	0.0016	mg/L		08/29/17 10:42	08/29/17 17:15	1
Iron	ND		0.050	0.019	mg/L		08/29/17 10:42	08/29/17 17:15	1
Lead	ND		0.010	0.0030	mg/L		08/29/17 10:42	08/29/17 17:15	1
Magnesium	69.0		0.20	0.043	mg/L		08/29/17 10:42	08/29/17 17:15	1
Manganese	0.22	B	0.0030	0.00040	mg/L		08/29/17 10:42	08/29/17 17:15	1
Nickel	0.0052	J	0.010	0.0013	mg/L		08/29/17 10:42	08/29/17 17:15	1
Potassium	9.3		0.50	0.10	mg/L		08/29/17 10:42	08/29/17 17:15	1
Selenium	ND		0.025	0.0087	mg/L		08/29/17 10:42	08/29/17 17:15	1
Silver	ND		0.0060	0.0017	mg/L		08/29/17 10:42	08/29/17 17:15	1
Sodium	49.8		1.0	0.32	mg/L		08/29/17 10:42	08/29/17 17:15	1
Thallium	ND		0.020	0.010	mg/L		08/29/17 10:42	08/29/17 17:15	1
Vanadium	ND		0.0050	0.0015	mg/L		08/29/17 10:42	08/29/17 17:15	1
Zinc	0.0082	J B	0.010	0.0015	mg/L		08/29/17 10:42	08/29/17 17:15	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/28/17 10:45	08/28/17 13:58	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/29/17 10:55	08/29/17 14:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.4		2.5	1.4	mg/L			08/26/17 15:56	5
Sulfate	112		10.0	1.7	mg/L			08/26/17 15:56	5
Alkalinity, Total	688		5.0	0.79	mg/L			08/29/17 20:15	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-164011-1

Client Sample ID: LDP-04

Lab Sample ID: 480-164011-8

Date Collected: 12/10/19 15:00

Matrix: Water

Date Received: 12/10/19 15:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/14/19 13:58	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/14/19 13:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/14/19 13:58	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/14/19 13:58	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/14/19 13:58	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/14/19 13:58	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/14/19 13:58	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/14/19 13:58	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/14/19 13:58	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/14/19 13:58	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/14/19 13:58	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/14/19 13:58	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/14/19 13:58	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/14/19 13:58	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/14/19 13:58	1
2-Hexanone	ND		5.0	1.2	ug/L			12/14/19 13:58	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/14/19 13:58	1
Acetone	3.1	J	10	3.0	ug/L			12/14/19 13:58	1
Benzene	ND		1.0	0.41	ug/L			12/14/19 13:58	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/14/19 13:58	1
Bromoform	ND		1.0	0.26	ug/L			12/14/19 13:58	1
Bromomethane	ND		1.0	0.69	ug/L			12/14/19 13:58	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/14/19 13:58	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/14/19 13:58	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/14/19 13:58	1
Chloroethane	ND		1.0	0.32	ug/L			12/14/19 13:58	1
Chloroform	ND		1.0	0.34	ug/L			12/14/19 13:58	1
Chloromethane	ND		1.0	0.35	ug/L			12/14/19 13:58	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/14/19 13:58	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/14/19 13:58	1
Cyclohexane	ND		1.0	0.18	ug/L			12/14/19 13:58	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/14/19 13:58	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/14/19 13:58	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/14/19 13:58	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/14/19 13:58	1
Methyl acetate	ND		2.5	1.3	ug/L			12/14/19 13:58	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/14/19 13:58	1
Methylcyclohexane	0.21	J	1.0	0.16	ug/L			12/14/19 13:58	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/14/19 13:58	1
Styrene	ND		1.0	0.73	ug/L			12/14/19 13:58	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/14/19 13:58	1
Toluene	ND		1.0	0.51	ug/L			12/14/19 13:58	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/14/19 13:58	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/14/19 13:58	1
Trichloroethene	ND		1.0	0.46	ug/L			12/14/19 13:58	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/14/19 13:58	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/14/19 13:58	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/14/19 13:58	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-164011-1

Client Sample ID: LDP-04

Lab Sample ID: 480-164011-8

Date Collected: 12/10/19 15:00

Matrix: Water

Date Received: 12/10/19 15:40

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		12/14/19 13:58	1
4-Bromofluorobenzene (Surr)	98		73 - 120		12/14/19 13:58	1
Toluene-d8 (Surr)	98		80 - 120		12/14/19 13:58	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		12/16/19 15:07	12/18/19 01:57	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		12/16/19 15:07	12/18/19 01:57	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		12/16/19 15:07	12/18/19 01:57	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		12/16/19 15:07	12/18/19 01:57	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		12/16/19 15:07	12/18/19 01:57	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		12/16/19 15:07	12/18/19 01:57	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		12/16/19 15:07	12/18/19 01:57	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		12/16/19 15:07	12/18/19 01:57	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		12/16/19 15:07	12/18/19 01:57	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		12/16/19 15:07	12/18/19 01:57	1
2-Chlorophenol	ND		5.0	0.53	ug/L		12/16/19 15:07	12/18/19 01:57	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		12/16/19 15:07	12/18/19 01:57	1
2-Methylphenol	ND		5.0	0.40	ug/L		12/16/19 15:07	12/18/19 01:57	1
2-Nitroaniline	ND		10	0.42	ug/L		12/16/19 15:07	12/18/19 01:57	1
2-Nitrophenol	ND		5.0	0.48	ug/L		12/16/19 15:07	12/18/19 01:57	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		12/16/19 15:07	12/18/19 01:57	1
3-Nitroaniline	ND		10	0.48	ug/L		12/16/19 15:07	12/18/19 01:57	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		12/16/19 15:07	12/18/19 01:57	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		12/16/19 15:07	12/18/19 01:57	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		12/16/19 15:07	12/18/19 01:57	1
4-Chloroaniline	ND		5.0	0.59	ug/L		12/16/19 15:07	12/18/19 01:57	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		12/16/19 15:07	12/18/19 01:57	1
4-Methylphenol	ND		10	0.36	ug/L		12/16/19 15:07	12/18/19 01:57	1
4-Nitroaniline	ND		10	0.25	ug/L		12/16/19 15:07	12/18/19 01:57	1
4-Nitrophenol	ND		10	1.5	ug/L		12/16/19 15:07	12/18/19 01:57	1
Acenaphthene	ND		5.0	0.41	ug/L		12/16/19 15:07	12/18/19 01:57	1
Acenaphthylene	ND		5.0	0.38	ug/L		12/16/19 15:07	12/18/19 01:57	1
Acetophenone	ND		5.0	0.54	ug/L		12/16/19 15:07	12/18/19 01:57	1
Anthracene	ND		5.0	0.28	ug/L		12/16/19 15:07	12/18/19 01:57	1
Atrazine	ND		5.0	0.46	ug/L		12/16/19 15:07	12/18/19 01:57	1
Benzaldehyde	ND		5.0	0.27	ug/L		12/16/19 15:07	12/18/19 01:57	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		12/16/19 15:07	12/18/19 01:57	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		12/16/19 15:07	12/18/19 01:57	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		12/16/19 15:07	12/18/19 01:57	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		12/16/19 15:07	12/18/19 01:57	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		12/16/19 15:07	12/18/19 01:57	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		12/16/19 15:07	12/18/19 01:57	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		12/16/19 15:07	12/18/19 01:57	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		12/16/19 15:07	12/18/19 01:57	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		12/16/19 15:07	12/18/19 01:57	1
Caprolactam	ND		5.0	2.2	ug/L		12/16/19 15:07	12/18/19 01:57	1
Carbazole	ND		5.0	0.30	ug/L		12/16/19 15:07	12/18/19 01:57	1
Chrysene	ND		5.0	0.33	ug/L		12/16/19 15:07	12/18/19 01:57	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		12/16/19 15:07	12/18/19 01:57	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-164011-1

Client Sample ID: LDP-04

Lab Sample ID: 480-164011-8

Date Collected: 12/10/19 15:00

Matrix: Water

Date Received: 12/10/19 15:40

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		12/16/19 15:07	12/18/19 01:57	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		12/16/19 15:07	12/18/19 01:57	1
Dibenzofuran	ND		10	0.51	ug/L		12/16/19 15:07	12/18/19 01:57	1
Diethyl phthalate	4.6	J	5.0	0.22	ug/L		12/16/19 15:07	12/18/19 01:57	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		12/16/19 15:07	12/18/19 01:57	1
Fluoranthene	ND		5.0	0.40	ug/L		12/16/19 15:07	12/18/19 01:57	1
Fluorene	ND		5.0	0.36	ug/L		12/16/19 15:07	12/18/19 01:57	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		12/16/19 15:07	12/18/19 01:57	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		12/16/19 15:07	12/18/19 01:57	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		12/16/19 15:07	12/18/19 01:57	1
Hexachloroethane	ND		5.0	0.59	ug/L		12/16/19 15:07	12/18/19 01:57	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		12/16/19 15:07	12/18/19 01:57	1
Isophorone	ND		5.0	0.43	ug/L		12/16/19 15:07	12/18/19 01:57	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		12/16/19 15:07	12/18/19 01:57	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		12/16/19 15:07	12/18/19 01:57	1
Naphthalene	ND		5.0	0.76	ug/L		12/16/19 15:07	12/18/19 01:57	1
Nitrobenzene	ND		5.0	0.29	ug/L		12/16/19 15:07	12/18/19 01:57	1
Pentachlorophenol	ND		10	2.2	ug/L		12/16/19 15:07	12/18/19 01:57	1
Phenanthrene	ND		5.0	0.44	ug/L		12/16/19 15:07	12/18/19 01:57	1
Phenol	ND		5.0	0.39	ug/L		12/16/19 15:07	12/18/19 01:57	1
Pyrene	ND		5.0	0.34	ug/L		12/16/19 15:07	12/18/19 01:57	1
Benzoic acid	ND		150	100	ug/L		12/16/19 15:07	12/18/19 01:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	104		41 - 120	12/16/19 15:07	12/18/19 01:57	1
2-Fluorobiphenyl	101		48 - 120	12/16/19 15:07	12/18/19 01:57	1
2-Fluorophenol	69		35 - 120	12/16/19 15:07	12/18/19 01:57	1
Nitrobenzene-d5	105		46 - 120	12/16/19 15:07	12/18/19 01:57	1
p-Terphenyl-d14	79		60 - 148	12/16/19 15:07	12/18/19 01:57	1
Phenol-d5	50		22 - 120	12/16/19 15:07	12/18/19 01:57	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.011	J B	0.050	0.0092	ug/L		12/13/19 16:09	12/16/19 17:29	1
4,4'-DDE	ND		0.050	0.012	ug/L		12/13/19 16:09	12/16/19 17:29	1
4,4'-DDT	ND		0.050	0.011	ug/L		12/13/19 16:09	12/16/19 17:29	1
Aldrin	ND		0.050	0.0081	ug/L		12/13/19 16:09	12/16/19 17:29	1
alpha-BHC	ND		0.050	0.0077	ug/L		12/13/19 16:09	12/16/19 17:29	1
cis-Chlordane	ND		0.050	0.015	ug/L		12/13/19 16:09	12/16/19 17:29	1
beta-BHC	ND		0.050	0.025	ug/L		12/13/19 16:09	12/16/19 17:29	1
delta-BHC	ND		0.050	0.010	ug/L		12/13/19 16:09	12/16/19 17:29	1
Dieldrin	ND		0.050	0.0098	ug/L		12/13/19 16:09	12/16/19 17:29	1
Endosulfan I	ND		0.050	0.011	ug/L		12/13/19 16:09	12/16/19 17:29	1
Endosulfan II	ND		0.050	0.012	ug/L		12/13/19 16:09	12/16/19 17:29	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		12/13/19 16:09	12/16/19 17:29	1
Endrin	ND		0.050	0.014	ug/L		12/13/19 16:09	12/16/19 17:29	1
Endrin aldehyde	ND		0.050	0.016	ug/L		12/13/19 16:09	12/16/19 17:29	1
Endrin ketone	ND		0.050	0.012	ug/L		12/13/19 16:09	12/16/19 17:29	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		12/13/19 16:09	12/16/19 17:29	1
trans-Chlordane	ND		0.050	0.011	ug/L		12/13/19 16:09	12/16/19 17:29	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-164011-1

Client Sample ID: LDP-04

Lab Sample ID: 480-164011-8

Date Collected: 12/10/19 15:00

Matrix: Water

Date Received: 12/10/19 15:40

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.050	0.0085	ug/L		12/13/19 16:09	12/16/19 17:29	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		12/13/19 16:09	12/16/19 17:29	1
Methoxychlor	ND		0.050	0.014	ug/L		12/13/19 16:09	12/16/19 17:29	1
Toxaphene	ND		0.50	0.12	ug/L		12/13/19 16:09	12/16/19 17:29	1
Mirex	ND		0.050	0.0096	ug/L		12/13/19 16:09	12/16/19 17:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	33		20 - 120	12/13/19 16:09	12/16/19 17:29	1
DCB Decachlorobiphenyl	48		20 - 120	12/13/19 16:09	12/16/19 17:29	1
Tetrachloro-m-xylene	89		44 - 120	12/13/19 16:09	12/16/19 17:29	1
Tetrachloro-m-xylene	74		44 - 120	12/13/19 16:09	12/16/19 17:29	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.54	0.19	ug/L		12/13/19 08:01	12/16/19 16:37	1
PCB-1221	ND		0.54	0.19	ug/L		12/13/19 08:01	12/16/19 16:37	1
PCB-1232	ND		0.54	0.19	ug/L		12/13/19 08:01	12/16/19 16:37	1
PCB-1242	ND		0.54	0.19	ug/L		12/13/19 08:01	12/16/19 16:37	1
PCB-1248	ND		0.54	0.19	ug/L		12/13/19 08:01	12/16/19 16:37	1
PCB-1254	ND		0.54	0.27	ug/L		12/13/19 08:01	12/16/19 16:37	1
PCB-1260	ND		0.54	0.27	ug/L		12/13/19 08:01	12/16/19 16:37	1
PCB-1262	ND		0.54	0.27	ug/L		12/13/19 08:01	12/16/19 16:37	1
PCB-1268	ND		0.54	0.27	ug/L		12/13/19 08:01	12/16/19 16:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	85		39 - 121	12/13/19 08:01	12/16/19 16:37	1
Tetrachloro-m-xylene	65		39 - 121	12/13/19 08:01	12/16/19 16:37	1
DCB Decachlorobiphenyl	57		19 - 120	12/13/19 08:01	12/16/19 16:37	1
DCB Decachlorobiphenyl	46		19 - 120	12/13/19 08:01	12/16/19 16:37	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	31.1		0.20	0.060	mg/L		12/13/19 08:25	12/18/19 17:00	1
Antimony	ND		0.020	0.0068	mg/L		12/13/19 08:25	12/18/19 17:00	1
Arsenic	0.021		0.015	0.0056	mg/L		12/13/19 08:25	12/18/19 17:00	1
Barium	0.25		0.0020	0.00070	mg/L		12/13/19 08:25	12/18/19 17:00	1
Beryllium	0.0015	J	0.0020	0.00030	mg/L		12/13/19 08:25	12/18/19 17:00	1
Cadmium	0.0017	J	0.0020	0.00050	mg/L		12/13/19 08:25	12/18/19 17:00	1
Calcium	326		0.50	0.10	mg/L		12/13/19 08:25	12/18/19 17:00	1
Chromium	0.048		0.0040	0.0010	mg/L		12/13/19 08:25	12/18/19 17:00	1
Cobalt	0.027		0.0040	0.00063	mg/L		12/13/19 08:25	12/18/19 17:00	1
Copper	0.067		0.010	0.0016	mg/L		12/13/19 08:25	12/18/19 17:00	1
Iron	59.8		0.050	0.019	mg/L		12/13/19 08:25	12/18/19 17:00	1
Lead	0.052		0.010	0.0030	mg/L		12/13/19 08:25	12/18/19 17:00	1
Magnesium	145		0.20	0.043	mg/L		12/13/19 08:25	12/18/19 17:00	1
Manganese	2.9		0.0030	0.00040	mg/L		12/13/19 08:25	12/18/19 17:00	1
Nickel	0.060		0.010	0.0013	mg/L		12/13/19 08:25	12/18/19 17:00	1
Potassium	17.4		0.50	0.10	mg/L		12/13/19 08:25	12/18/19 17:00	1
Selenium	ND		0.025	0.0087	mg/L		12/13/19 08:25	12/18/19 17:00	1
Silver	ND		0.0060	0.0017	mg/L		12/13/19 08:25	12/18/19 17:00	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Nash Rd. Wheatfield #932054

Job ID: 480-164011-1

Client Sample ID: LDP-04

Lab Sample ID: 480-164011-8

Date Collected: 12/10/19 15:00

Matrix: Water

Date Received: 12/10/19 15:40

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	92.0		1.0	0.32	mg/L		12/13/19 08:25	12/18/19 17:00	1
Thallium	ND		0.020	0.010	mg/L		12/13/19 08:25	12/18/19 17:00	1
Vanadium	0.080		0.0050	0.0015	mg/L		12/13/19 08:25	12/18/19 17:00	1
Zinc	0.33		0.010	0.0015	mg/L		12/13/19 08:25	12/18/19 17:00	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		12/19/19 11:35	12/19/19 14:35	1

APPENDIX E
DATA USABILITY
SUMMARY REPORTS

2021 Sampling Event

OW-1, OW-21 & LPZ-04S

Data Usability Summary Report

Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

Nash Rd. LF #932054
Eurofins SDG#480-191670-1
February 23, 2022
Reissued: March 2, 2022
Sampling date: 10/29/2021

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

Nash Rd. LF #932054
SDG# 480-191670-1

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package(reissued: March 2, 2022) for LiRo Engineers, project located at Nash Rd. LF #932054, Eurofins SDG#480-191670-1 submitted to Vali-Data of WNY, LLC on December 8, 2021. This DUSR has been prepared in general compliance with USEPA National Functional Guidelines(NFG) and NYSDEC Analytical Services Protocols. The laboratory performed the analyses using USEPA method Volatile Organics (8260C), Semi-Volatile Organics (8270D), Pesticides (8081B), PCB (8082A), and Inorganics/Mercury (6010C, 7470A).

ID	Sample ID	Laboratory ID
1	OW-01	480-191670-1
2	OW-21	480-191670-2
3	LPZ-04S	480-191670-3

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Sample Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use.

Samples: OW-21 and LPZ-04S were diluted due to foaming.

Nash Rd. LF #932054

SDG# 480-191670-1

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on target analytes in which the %RSD > 20.0%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

GC/MS PERFORMANCE CHECK

All criteria were met.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Surrogate Spike Recoveries and Laboratory Control Samples.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of 2-Fluorobiphenyl was outside QC limits, high in LPZ-04S. No target analytes were detected in this sample, so no further action is required.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met except the RPD of Phenanthrene was outside QC limits, between LCS 480-602984/2-A and LCSD 480-602984/3-A and should be qualified as estimated. This target analyte should be qualified as estimated in the samples.

Some target analytes were outside QC limits in the laboratory control sample or the laboratory control sample duplicate but not both, so no further action is required.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on some target analytes, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

GC/MS PERFORMANCE CHECK

All criteria were met.

PESTICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank

Nash Rd. LF #932054

SDG# 480-191670-1

- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Method Blank, Laboratory Control Samples and Compound Quantitation.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the samples were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

The %Rec of some surrogates were outside laboratory QC limits but within NFG QC limits, so no further action is required.

METHOD BLANK

All the criteria were met some target analytes were detected in the method blank and should be qualified in the associated samples.

Blank ID	Target Analyte	Concentration(ug/L)	Qualifier	Associated Sample
MB 480-602983	Endrin aldehyde	.0382	U at RL	2
MB 480-602983	Endrin ketone	.033	U at RL	1

The RPD of Endrin aldehyde and Endrin ketone was outside QC limits between the columns in MB 480-602983/1-A and should be qualified as estimated.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met except some target analytes were outside QC limits in the laboratory control samples. These target analytes should be qualified as estimated in the samples.

Target analyte	%Rec LCS	%Rec LCSD	Qualifier	Associated Sample
Dieldrin	134	134	JH	None
Endrin	123	126	JH	None
Endosulfan sulfate	128	131	JH	None
cis-Chlordane	123	124	JH	None
beta-BHC	124	126	JH	None
Endosulfan I	130	131	JH	None
Methoxychlor	177	167	JH	2

The RPD of cis-Chlordane, Endosulfan I, Endrin aldehyde, Endosulfan sulfate and Methoxychlor was outside QC limits between the columns in LCS 480-602983/2-A and should be qualified as estimated. The RPD of Endosulfan I, Endosulfan sulfate and Methoxychlor was outside QC limits between the columns in LCSD 480-602983/3-A and should be qualified as estimated. Some target analytes were outside laboratory control sample or laboratory control sample duplicate but not both, so no further action is required.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met except the RPD of Endosulfan II and Mirex was outside QC limits between the columns in sample 2 and should be qualified as estimated.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used on all target analytes and surrogates, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

PCB

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
-

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Initial Calibration and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met except the %D of Aroclor 1268 p 4 was outside QC limits off both columns in ICV 480-581327/30. This target analyte should be qualified as estimated in the blank, spike and samples.

Alternate forms of regression were used on all of the target analytes and surrogates, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of DCBP off column ZB-5 was outside QC limits in CCV 480-603297/5 and CCV 480-603297/31. This surrogate should be qualified as estimated in the blank, spike and samples off the associated column.

Some target analytes were outside laboratory QC limits but were within NFG QC limits, so no further action is required.

Some target analytes were outside QC limits on the confirmatory column, so no further action is required.

METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Blanks
- Laboratory Control Sample
- MS/MSD/Duplicate
- Field Duplicate
- Serial Dilution
- Compound Quantitation
- Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Blanks and Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

BLANKS

All criteria were met except several target analytes were outside QC limits above the MDL, but below the reporting limits. These target analytes should be qualified as undetected at the reporting limit in associated samples in which they were detected above the MDL, and below the reporting limit. These target analytes should be qualified as estimated high in the associated samples in which they were detected above the reporting limit.

Blank ID	Target analyte	Concentration	Qualifier	Associated Sample
MB 480-603675	Zn	.00235mg/L	U at RL	2, 3
MB 480-602997	Al	.170mg/L	U at RL	1, 3
MB 480-602997	Al	.170mg/L	JH	2
MB 480-602997	Cu	.00255mg/L	U at RL	1, 2

LABORATORY CONTROL SAMPLE

All criteria were met.

MS/MSD/DUPLICATE

No MS/MSD/Duplicate was acquired for this analysis.

FIELD DUPLICATE

No field duplicate was acquired.

SERIAL DILUTION

No serial dilution was performed.

COMPOUND QUANTITATION

All criteria were met.

CALIBRATION

All criteria were met except the %D of some target analytes was outside QC limits. These target analytes should be qualified as estimated in the associated samples, blanks and spikes.

Calibration ID	Target Analyte	%D	Qualifier	Associated Sample
ICVL 480-603437/8	K	87	UJ/J	MB/LCS 480-602997, 1-3
ICVL 480-603437/8	Al	121	JH	MB/LCS 480-602997, 1-3
CCVL 480-603437/20	K	74	UJ/J	MB 480-602997
CCVL 480-603437/24	K	78	UJ/J	MB/LCS 480-602997
CCVL 480-603437/24	Se	87	UJ/J	MB/LCS 480-602997
CCVL 480-603437/24	Cr	112	JH	LCS 480-602997
CCVL 480-603437/36	K	80	UJ/J	LCS 480-602997, 1-3
CCVL 480-603437/36	Se	86	UJ/J	LCS 480-602997, 1-3
CCVL 480-603437/36	Fe	84	UJ/J	LCS 480-602997, 1-3
CCVL 480-603437/36	Pb	84	UJ/J	LCS 480-602997, 1-3
CCVL 480-603437/36	Al	113	JH	LCS 480-602997, 1-3
CCVL 480-603437/36	Cr	113	JH	LCS 480-602997, 2
CCVL 480-603437/48	K	74	UJ/J	1-3
CCVL 480-603437/48	Fe	87	UJ/J	1-3
CCVL 480-603437/48	Cr	117	JH	2

Job Narrative
480-191670-1

Comments

No additional comments.

Receipt

The samples were received on 10/29/2021 4:00 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 4.1° C.

GC/MS VOA

Method 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: OW-21 (480-191670-2) and LPZ-04S (480-191670-3). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA

Method 8270D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 480-602984 and analytical batch 480-603449 recovered outside control limits for the following analytes: 2,4-Dinitrotoluene, 4-Nitroaniline and Atrazine. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8270D: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 480-602984 and analytical batch 480-603449 recovered outside control limits for the following analyte: Phenanthrene.

Method 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: LPZ-04S (480-191670-3). These results have been reported and qualified.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

Method 8081B: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 480-602983 and analytical batch 480-602987 recovered outside control limits for several analytes. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

Method 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 480-602984.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191670-1

Client Sample ID: OW-01

Lab Sample ID: 480-191670-1

Date Collected: 10/29/21 11:05

Matrix: Water

Date Received: 10/29/21 16:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/05/21 09:34	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/05/21 09:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/05/21 09:34	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/05/21 09:34	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/05/21 09:34	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/05/21 09:34	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/05/21 09:34	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/05/21 09:34	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/05/21 09:34	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/05/21 09:34	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/05/21 09:34	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/05/21 09:34	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/05/21 09:34	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/05/21 09:34	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/05/21 09:34	1
2-Hexanone	ND		5.0	1.2	ug/L			11/05/21 09:34	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/05/21 09:34	1
Acetone	ND		10	3.0	ug/L			11/05/21 09:34	1
Benzene	ND		1.0	0.41	ug/L			11/05/21 09:34	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/05/21 09:34	1
Bromoform	ND		1.0	0.26	ug/L			11/05/21 09:34	1
Bromomethane	ND		1.0	0.69	ug/L			11/05/21 09:34	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/05/21 09:34	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/05/21 09:34	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/05/21 09:34	1
Chloroethane	ND		1.0	0.32	ug/L			11/05/21 09:34	1
Chloroform	ND		1.0	0.34	ug/L			11/05/21 09:34	1
Chloromethane	ND		1.0	0.35	ug/L			11/05/21 09:34	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/05/21 09:34	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/05/21 09:34	1
Cyclohexane	ND		1.0	0.18	ug/L			11/05/21 09:34	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/05/21 09:34	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/05/21 09:34	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/05/21 09:34	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/05/21 09:34	1
Methyl acetate	ND		2.5	1.3	ug/L			11/05/21 09:34	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/05/21 09:34	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/05/21 09:34	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/05/21 09:34	1
Styrene	ND		1.0	0.73	ug/L			11/05/21 09:34	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/05/21 09:34	1
Toluene	ND		1.0	0.51	ug/L			11/05/21 09:34	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/05/21 09:34	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/05/21 09:34	1
Trichloroethene	ND		1.0	0.46	ug/L			11/05/21 09:34	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/05/21 09:34	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/05/21 09:34	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/05/21 09:34	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191670-1

Client Sample ID: OW-01

Date Collected: 10/29/21 11:05

Date Received: 10/29/21 16:00

Lab Sample ID: 480-191670-1

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		11/05/21 09:34	1
4-Bromofluorobenzene (Surr)	95		73 - 120		11/05/21 09:34	1
Toluene-d8 (Surr)	97		80 - 120		11/05/21 09:34	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/02/21 07:11	11/04/21 16:49	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/02/21 07:11	11/04/21 16:49	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/02/21 07:11	11/04/21 16:49	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/02/21 07:11	11/04/21 16:49	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/02/21 07:11	11/04/21 16:49	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/02/21 07:11	11/04/21 16:49	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/02/21 07:11	11/04/21 16:49	1
2,4-Dinitrotoluene	ND	+	5.0	0.45	ug/L		11/02/21 07:11	11/04/21 16:49	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/02/21 07:11	11/04/21 16:49	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/02/21 07:11	11/04/21 16:49	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/02/21 07:11	11/04/21 16:49	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/02/21 07:11	11/04/21 16:49	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/02/21 07:11	11/04/21 16:49	1
2-Nitroaniline	ND		10	0.42	ug/L		11/02/21 07:11	11/04/21 16:49	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/02/21 07:11	11/04/21 16:49	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/02/21 07:11	11/04/21 16:49	1
3-Nitroaniline	ND		10	0.48	ug/L		11/02/21 07:11	11/04/21 16:49	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/02/21 07:11	11/04/21 16:49	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/02/21 07:11	11/04/21 16:49	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/02/21 07:11	11/04/21 16:49	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/02/21 07:11	11/04/21 16:49	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/02/21 07:11	11/04/21 16:49	1
4-Methylphenol	ND		10	0.36	ug/L		11/02/21 07:11	11/04/21 16:49	1
4-Nitroaniline	ND	+	10	0.25	ug/L		11/02/21 07:11	11/04/21 16:49	1
4-Nitrophenol	ND		10	1.5	ug/L		11/02/21 07:11	11/04/21 16:49	1
Acenaphthene	ND		5.0	0.41	ug/L		11/02/21 07:11	11/04/21 16:49	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/02/21 07:11	11/04/21 16:49	1
Acetophenone	ND		5.0	0.54	ug/L		11/02/21 07:11	11/04/21 16:49	1
Anthracene	ND		5.0	0.28	ug/L		11/02/21 07:11	11/04/21 16:49	1
Atrazine	ND	+	5.0	0.46	ug/L		11/02/21 07:11	11/04/21 16:49	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/02/21 07:11	11/04/21 16:49	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/02/21 07:11	11/04/21 16:49	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/02/21 07:11	11/04/21 16:49	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/02/21 07:11	11/04/21 16:49	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/02/21 07:11	11/04/21 16:49	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/02/21 07:11	11/04/21 16:49	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/02/21 07:11	11/04/21 16:49	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/02/21 07:11	11/04/21 16:49	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/02/21 07:11	11/04/21 16:49	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/02/21 07:11	11/04/21 16:49	1
Caprolactam	ND		5.0	2.2	ug/L		11/02/21 07:11	11/04/21 16:49	1
Carbazole	ND		5.0	0.30	ug/L		11/02/21 07:11	11/04/21 16:49	1
Chrysene	ND		5.0	0.33	ug/L		11/02/21 07:11	11/04/21 16:49	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/02/21 07:11	11/04/21 16:49	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191670-1

Client Sample ID: OW-01

Lab Sample ID: 480-191670-1

Date Collected: 10/29/21 11:05

Matrix: Water

Date Received: 10/29/21 16:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/02/21 07:11	11/04/21 16:49	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/02/21 07:11	11/04/21 16:49	1
Dibenzofuran	ND		10	0.51	ug/L		11/02/21 07:11	11/04/21 16:49	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/02/21 07:11	11/04/21 16:49	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/02/21 07:11	11/04/21 16:49	1
Fluoranthene	ND		5.0	0.40	ug/L		11/02/21 07:11	11/04/21 16:49	1
Fluorene	ND		5.0	0.36	ug/L		11/02/21 07:11	11/04/21 16:49	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/02/21 07:11	11/04/21 16:49	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/02/21 07:11	11/04/21 16:49	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/02/21 07:11	11/04/21 16:49	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/02/21 07:11	11/04/21 16:49	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/02/21 07:11	11/04/21 16:49	1
Isophorone	ND		5.0	0.43	ug/L		11/02/21 07:11	11/04/21 16:49	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/02/21 07:11	11/04/21 16:49	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/02/21 07:11	11/04/21 16:49	1
Naphthalene	ND		5.0	0.76	ug/L		11/02/21 07:11	11/04/21 16:49	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/02/21 07:11	11/04/21 16:49	1
Pentachlorophenol	ND		10	2.2	ug/L		11/02/21 07:11	11/04/21 16:49	1
Phenanthrene	ND	*1	5.0	0.44	ug/L		11/02/21 07:11	11/04/21 16:49	1
Phenol	ND		5.0	0.39	ug/L		11/02/21 07:11	11/04/21 16:49	1
Pyrene	ND		5.0	0.34	ug/L		11/02/21 07:11	11/04/21 16:49	1
Benzoic acid	ND		150	100	ug/L		11/02/21 07:11	11/04/21 16:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	110		41 - 120	11/02/21 07:11	11/04/21 16:49	1
2-Fluorobiphenyl	117		48 - 120	11/02/21 07:11	11/04/21 16:49	1
2-Fluorophenol	83		35 - 120	11/02/21 07:11	11/04/21 16:49	1
Nitrobenzene-d5	97		46 - 120	11/02/21 07:11	11/04/21 16:49	1
p-Terphenyl-d14	86		60 - 148	11/02/21 07:11	11/04/21 16:49	1
Phenol-d5	64		22 - 120	11/02/21 07:11	11/04/21 16:49	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/02/21 07:02	11/02/21 22:21	1
4,4'-DDE	ND	*+	0.050	0.012	ug/L		11/02/21 07:02	11/02/21 22:21	1
4,4'-DDT	ND		0.050	0.011	ug/L		11/02/21 07:02	11/02/21 22:21	1
Aldrin	ND		0.050	0.0081	ug/L		11/02/21 07:02	11/02/21 22:21	1
alpha-BHC	ND		0.050	0.0077	ug/L		11/02/21 07:02	11/02/21 22:21	1
cis-Chlordane	ND	*+	0.050	0.015	ug/L		11/02/21 07:02	11/02/21 22:21	1
beta-BHC	ND	*+	0.050	0.025	ug/L		11/02/21 07:02	11/02/21 22:21	1
delta-BHC	ND		0.050	0.010	ug/L		11/02/21 07:02	11/02/21 22:21	1
Dieldrin	ND	*+	0.050	0.0098	ug/L		11/02/21 07:02	11/02/21 22:21	1
Endosulfan I	ND	*+	0.050	0.011	ug/L		11/02/21 07:02	11/02/21 22:21	1
Endosulfan II	0.020	J	0.050	0.012	ug/L		11/02/21 07:02	11/02/21 22:21	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		11/02/21 07:02	11/02/21 22:21	1
Endrin	ND		0.050	0.014	ug/L		11/02/21 07:02	11/02/21 22:21	1
Endrin aldehyde	ND		0.050	0.016	ug/L		11/02/21 07:02	11/02/21 22:21	1
Endrin ketone	0.016	J B	0.050	0.012	ug/L		11/02/21 07:02	11/02/21 22:21	1
gamma-BHC (Lindane)	ND	*+	0.050	0.0080	ug/L		11/02/21 07:02	11/02/21 22:21	1
trans-Chlordane	ND		0.050	0.011	ug/L		11/02/21 07:02	11/02/21 22:21	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191670-1

Client Sample ID: OW-01

Lab Sample ID: 480-191670-1

Date Collected: 10/29/21 11:05

Matrix: Water

Date Received: 10/29/21 16:00

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.050	0.0085	ug/L		11/02/21 07:02	11/02/21 22:21	1
Heptachlor epoxide	ND	*+	0.050	0.0074	ug/L		11/02/21 07:02	11/02/21 22:21	1
Methoxychlor	ND	*+	0.050	0.014	ug/L		11/02/21 07:02	11/02/21 22:21	1
Toxaphene	ND		0.50	0.12	ug/L		11/02/21 07:02	11/02/21 22:21	1
Mirex	ND		0.050	0.0096	ug/L		11/02/21 07:02	11/02/21 22:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	113		20 - 120	11/02/21 07:02	11/02/21 22:21	1
DCB Decachlorobiphenyl	92		20 - 120	11/02/21 07:02	11/02/21 22:21	1
Tetrachloro-m-xylene	104		44 - 120	11/02/21 07:02	11/02/21 22:21	1
Tetrachloro-m-xylene	106		44 - 120	11/02/21 07:02	11/02/21 22:21	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 19:02	1
PCB-1221	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 19:02	1
PCB-1232	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 19:02	1
PCB-1242	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 19:02	1
PCB-1248	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 19:02	1
PCB-1254	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 19:02	1
PCB-1260	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 19:02	1
PCB-1262	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 19:02	1
PCB-1268	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 19:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	83		39 - 121	11/02/21 14:23	11/03/21 19:02	1
Tetrachloro-m-xylene	81		39 - 121	11/02/21 14:23	11/03/21 19:02	1
DCB Decachlorobiphenyl	81		19 - 120	11/02/21 14:23	11/03/21 19:02	1
DCB Decachlorobiphenyl	51		19 - 120	11/02/21 14:23	11/03/21 19:02	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.098	J B	0.20	0.060	mg/L		11/02/21 08:12	11/04/21 03:31	1
Antimony	ND		0.020	0.0068	mg/L		11/02/21 08:12	11/04/21 03:31	1
Arsenic	ND		0.015	0.0056	mg/L		11/02/21 08:12	11/04/21 03:31	1
Barium	0.041		0.0020	0.00070	mg/L		11/02/21 08:12	11/04/21 03:31	1
Beryllium	ND		0.0020	0.00030	mg/L		11/02/21 08:12	11/04/21 03:31	1
Cadmium	ND		0.0020	0.00050	mg/L		11/02/21 08:12	11/04/21 03:31	1
Calcium	283		0.50	0.10	mg/L		11/02/21 08:12	11/04/21 03:31	1
Chromium	ND		0.0040	0.0010	mg/L		11/02/21 08:12	11/04/21 03:31	1
Cobalt	0.00091	J	0.0040	0.00063	mg/L		11/02/21 08:12	11/04/21 03:31	1
Copper	0.0019	J B	0.010	0.0016	mg/L		11/02/21 08:12	11/04/21 03:31	1
Iron	1.1		0.050	0.019	mg/L		11/02/21 08:12	11/04/21 03:31	1
Lead	ND		0.010	0.0030	mg/L		11/02/21 08:12	11/04/21 03:31	1
Magnesium	83.8		0.20	0.043	mg/L		11/02/21 08:12	11/04/21 03:31	1
Manganese	0.49		0.0030	0.00040	mg/L		11/02/21 08:12	11/04/21 03:31	1
Nickel	0.0020	J	0.010	0.0013	mg/L		11/02/21 08:12	11/04/21 03:31	1
Potassium	5.9		0.50	0.10	mg/L		11/02/21 08:12	11/04/21 03:31	1
Selenium	ND		0.025	0.0087	mg/L		11/02/21 08:12	11/04/21 03:31	1
Silver	ND		0.0060	0.0017	mg/L		11/02/21 08:12	11/04/21 03:31	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191670-1

Client Sample ID: OW-01

Date Collected: 10/29/21 11:05

Date Received: 10/29/21 16:00

Lab Sample ID: 480-191670-1

Matrix: Water

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	38.1		1.0	0.32	mg/L		11/02/21 08:12	11/04/21 03:31	1
Thallium	ND		0.020	0.010	mg/L		11/02/21 08:12	11/04/21 03:31	1
Vanadium	ND		0.0050	0.0015	mg/L		11/02/21 08:12	11/04/21 03:31	1
Zinc	ND		0.010	0.0015	mg/L		11/08/21 09:04	11/09/21 01:00	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		11/05/21 13:53	11/05/21 17:30	1

Client Sample ID: OW-21

Date Collected: 10/29/21 14:05

Date Received: 10/29/21 16:00

Lab Sample ID: 480-191670-2

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			11/05/21 09:57	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			11/05/21 09:57	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			11/05/21 09:57	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			11/05/21 09:57	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			11/05/21 09:57	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			11/05/21 09:57	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			11/05/21 09:57	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			11/05/21 09:57	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			11/05/21 09:57	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			11/05/21 09:57	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			11/05/21 09:57	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			11/05/21 09:57	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			11/05/21 09:57	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			11/05/21 09:57	2
2-Butanone (MEK)	ND		20	2.6	ug/L			11/05/21 09:57	2
2-Hexanone	ND		10	2.5	ug/L			11/05/21 09:57	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			11/05/21 09:57	2
Acetone	ND		20	6.0	ug/L			11/05/21 09:57	2
Benzene	ND		2.0	0.82	ug/L			11/05/21 09:57	2
Bromodichloromethane	ND		2.0	0.78	ug/L			11/05/21 09:57	2
Bromoform	ND		2.0	0.52	ug/L			11/05/21 09:57	2
Bromomethane	ND		2.0	1.4	ug/L			11/05/21 09:57	2
Carbon disulfide	ND		2.0	0.38	ug/L			11/05/21 09:57	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			11/05/21 09:57	2
Chlorobenzene	ND		2.0	1.5	ug/L			11/05/21 09:57	2
Chloroethane	ND		2.0	0.64	ug/L			11/05/21 09:57	2
Chloroform	ND		2.0	0.68	ug/L			11/05/21 09:57	2
Chloromethane	ND		2.0	0.70	ug/L			11/05/21 09:57	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			11/05/21 09:57	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			11/05/21 09:57	2
Cyclohexane	ND		2.0	0.36	ug/L			11/05/21 09:57	2
Dibromochloromethane	ND		2.0	0.64	ug/L			11/05/21 09:57	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			11/05/21 09:57	2
Ethylbenzene	ND		2.0	1.5	ug/L			11/05/21 09:57	2
Isopropylbenzene	ND		2.0	1.6	ug/L			11/05/21 09:57	2

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191670-1

Client Sample ID: OW-21

Lab Sample ID: 480-191670-2

Date Collected: 10/29/21 14:05

Matrix: Water

Date Received: 10/29/21 16:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl acetate	ND		5.0	2.6	ug/L			11/05/21 09:57	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			11/05/21 09:57	2
Methylcyclohexane	ND		2.0	0.32	ug/L			11/05/21 09:57	2
Methylene Chloride	ND		2.0	0.88	ug/L			11/05/21 09:57	2
Styrene	ND		2.0	1.5	ug/L			11/05/21 09:57	2
Tetrachloroethene	ND		2.0	0.72	ug/L			11/05/21 09:57	2
Toluene	ND		2.0	1.0	ug/L			11/05/21 09:57	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			11/05/21 09:57	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			11/05/21 09:57	2
Trichloroethene	ND		2.0	0.92	ug/L			11/05/21 09:57	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			11/05/21 09:57	2
Vinyl chloride	ND		2.0	1.8	ug/L			11/05/21 09:57	2
Xylenes, Total	ND		4.0	1.3	ug/L			11/05/21 09:57	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		11/05/21 09:57	2
4-Bromofluorobenzene (Surr)	103		73 - 120		11/05/21 09:57	2
Toluene-d8 (Surr)	101		80 - 120		11/05/21 09:57	2

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/02/21 07:11	11/04/21 17:17	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/02/21 07:11	11/04/21 17:17	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/02/21 07:11	11/04/21 17:17	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/02/21 07:11	11/04/21 17:17	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/02/21 07:11	11/04/21 17:17	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/02/21 07:11	11/04/21 17:17	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/02/21 07:11	11/04/21 17:17	1
2,4-Dinitrotoluene	ND	*+	5.0	0.45	ug/L		11/02/21 07:11	11/04/21 17:17	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/02/21 07:11	11/04/21 17:17	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/02/21 07:11	11/04/21 17:17	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/02/21 07:11	11/04/21 17:17	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/02/21 07:11	11/04/21 17:17	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/02/21 07:11	11/04/21 17:17	1
2-Nitroaniline	ND		10	0.42	ug/L		11/02/21 07:11	11/04/21 17:17	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/02/21 07:11	11/04/21 17:17	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/02/21 07:11	11/04/21 17:17	1
3-Nitroaniline	ND		10	0.48	ug/L		11/02/21 07:11	11/04/21 17:17	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/02/21 07:11	11/04/21 17:17	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/02/21 07:11	11/04/21 17:17	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/02/21 07:11	11/04/21 17:17	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/02/21 07:11	11/04/21 17:17	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/02/21 07:11	11/04/21 17:17	1
4-Methylphenol	ND		10	0.36	ug/L		11/02/21 07:11	11/04/21 17:17	1
4-Nitroaniline	ND	*+	10	0.25	ug/L		11/02/21 07:11	11/04/21 17:17	1
4-Nitrophenol	ND		10	1.5	ug/L		11/02/21 07:11	11/04/21 17:17	1
Acenaphthene	ND		5.0	0.41	ug/L		11/02/21 07:11	11/04/21 17:17	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/02/21 07:11	11/04/21 17:17	1
Acetophenone	ND		5.0	0.54	ug/L		11/02/21 07:11	11/04/21 17:17	1
Anthracene	ND		5.0	0.28	ug/L		11/02/21 07:11	11/04/21 17:17	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191670-1

Client Sample ID: OW-21

Lab Sample ID: 480-191670-2

Date Collected: 10/29/21 14:05

Matrix: Water

Date Received: 10/29/21 16:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	ND	*+	5.0	0.46	ug/L		11/02/21 07:11	11/04/21 17:17	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/02/21 07:11	11/04/21 17:17	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/02/21 07:11	11/04/21 17:17	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/02/21 07:11	11/04/21 17:17	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/02/21 07:11	11/04/21 17:17	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/02/21 07:11	11/04/21 17:17	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/02/21 07:11	11/04/21 17:17	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/02/21 07:11	11/04/21 17:17	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/02/21 07:11	11/04/21 17:17	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/02/21 07:11	11/04/21 17:17	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/02/21 07:11	11/04/21 17:17	1
Caprolactam	ND		5.0	2.2	ug/L		11/02/21 07:11	11/04/21 17:17	1
Carbazole	ND		5.0	0.30	ug/L		11/02/21 07:11	11/04/21 17:17	1
Chrysene	ND		5.0	0.33	ug/L		11/02/21 07:11	11/04/21 17:17	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/02/21 07:11	11/04/21 17:17	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/02/21 07:11	11/04/21 17:17	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/02/21 07:11	11/04/21 17:17	1
Dibenzofuran	ND		10	0.51	ug/L		11/02/21 07:11	11/04/21 17:17	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/02/21 07:11	11/04/21 17:17	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/02/21 07:11	11/04/21 17:17	1
Fluoranthene	ND		5.0	0.40	ug/L		11/02/21 07:11	11/04/21 17:17	1
Fluorene	ND		5.0	0.36	ug/L		11/02/21 07:11	11/04/21 17:17	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/02/21 07:11	11/04/21 17:17	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/02/21 07:11	11/04/21 17:17	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/02/21 07:11	11/04/21 17:17	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/02/21 07:11	11/04/21 17:17	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/02/21 07:11	11/04/21 17:17	1
Isophorone	ND		5.0	0.43	ug/L		11/02/21 07:11	11/04/21 17:17	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/02/21 07:11	11/04/21 17:17	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/02/21 07:11	11/04/21 17:17	1
Naphthalene	ND		5.0	0.76	ug/L		11/02/21 07:11	11/04/21 17:17	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/02/21 07:11	11/04/21 17:17	1
Pentachlorophenol	ND		10	2.2	ug/L		11/02/21 07:11	11/04/21 17:17	1
Phenanthrene	ND	*1	5.0	0.44	ug/L		11/02/21 07:11	11/04/21 17:17	1
Phenol	ND		5.0	0.39	ug/L		11/02/21 07:11	11/04/21 17:17	1
Pyrene	ND		5.0	0.34	ug/L		11/02/21 07:11	11/04/21 17:17	1
Benzoic acid	ND		150	100	ug/L		11/02/21 07:11	11/04/21 17:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	120		41 - 120	11/02/21 07:11	11/04/21 17:17	1
2-Fluorobiphenyl	120		48 - 120	11/02/21 07:11	11/04/21 17:17	1
2-Fluorophenol	83		35 - 120	11/02/21 07:11	11/04/21 17:17	1
Nitrobenzene-d5	98		46 - 120	11/02/21 07:11	11/04/21 17:17	1
p-Terphenyl-d14	90		60 - 148	11/02/21 07:11	11/04/21 17:17	1
Phenol-d5	64		22 - 120	11/02/21 07:11	11/04/21 17:17	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/02/21 07:02	11/02/21 22:40	1
4,4'-DDE	ND	*+	0.050	0.012	ug/L		11/02/21 07:02	11/02/21 22:40	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191670-1

Client Sample ID: OW-21

Lab Sample ID: 480-191670-2

Date Collected: 10/29/21 14:05

Matrix: Water

Date Received: 10/29/21 16:00

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	ND		0.050	0.011	ug/L		11/02/21 07:02	11/02/21 22:40	1
Aldrin	ND		0.050	0.0081	ug/L		11/02/21 07:02	11/02/21 22:40	1
alpha-BHC	ND		0.050	0.0077	ug/L		11/02/21 07:02	11/02/21 22:40	1
cis-Chlordane	ND	*+	0.050	0.015	ug/L		11/02/21 07:02	11/02/21 22:40	1
beta-BHC	ND	*+	0.050	0.025	ug/L		11/02/21 07:02	11/02/21 22:40	1
delta-BHC	ND		0.050	0.010	ug/L		11/02/21 07:02	11/02/21 22:40	1
Dieldrin	ND	*+	0.050	0.0098	ug/L		11/02/21 07:02	11/02/21 22:40	1
Endosulfan I	ND	*+	0.050	0.011	ug/L		11/02/21 07:02	11/02/21 22:40	1
Endosulfan II	0.019	J	0.050	0.012	ug/L		11/02/21 07:02	11/02/21 22:40	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		11/02/21 07:02	11/02/21 22:40	1
Endrin	ND		0.050	0.014	ug/L		11/02/21 07:02	11/02/21 22:40	1
Endrin aldehyde	0.020	J B	0.050	0.016	ug/L		11/02/21 07:02	11/02/21 22:40	1
Endrin ketone	ND		0.050	0.012	ug/L		11/02/21 07:02	11/02/21 22:40	1
gamma-BHC (Lindane)	ND	*+	0.050	0.0080	ug/L		11/02/21 07:02	11/02/21 22:40	1
trans-Chlordane	ND		0.050	0.011	ug/L		11/02/21 07:02	11/02/21 22:40	1
Heptachlor	ND		0.050	0.0085	ug/L		11/02/21 07:02	11/02/21 22:40	1
Heptachlor epoxide	ND	*+	0.050	0.0074	ug/L		11/02/21 07:02	11/02/21 22:40	1
Methoxychlor	0.016	J *+	0.050	0.014	ug/L		11/02/21 07:02	11/02/21 22:40	1
Toxaphene	ND		0.50	0.12	ug/L		11/02/21 07:02	11/02/21 22:40	1
Mirex	0.014	J	0.050	0.0096	ug/L		11/02/21 07:02	11/02/21 22:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	132	S1+	20 - 120	11/02/21 07:02	11/02/21 22:40	1
DCB Decachlorobiphenyl	93		20 - 120	11/02/21 07:02	11/02/21 22:40	1
Tetrachloro-m-xylene	103		44 - 120	11/02/21 07:02	11/02/21 22:40	1
Tetrachloro-m-xylene	106		44 - 120	11/02/21 07:02	11/02/21 22:40	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 19:14	1
PCB-1221	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 19:14	1
PCB-1232	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 19:14	1
PCB-1242	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 19:14	1
PCB-1248	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 19:14	1
PCB-1254	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 19:14	1
PCB-1260	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 19:14	1
PCB-1262	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 19:14	1
PCB-1268	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 19:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	74		39 - 121	11/02/21 14:23	11/03/21 19:14	1
Tetrachloro-m-xylene	78		39 - 121	11/02/21 14:23	11/03/21 19:14	1
DCB Decachlorobiphenyl	82		19 - 120	11/02/21 14:23	11/03/21 19:14	1
DCB Decachlorobiphenyl	51		19 - 120	11/02/21 14:23	11/03/21 19:14	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.27	B	0.20	0.060	mg/L		11/02/21 08:12	11/04/21 03:35	1
Antimony	ND		0.020	0.0068	mg/L		11/02/21 08:12	11/04/21 03:35	1
Arsenic	ND		0.015	0.0056	mg/L		11/02/21 08:12	11/04/21 03:35	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191670-1

Client Sample ID: OW-21

Date Collected: 10/29/21 14:05

Date Received: 10/29/21 16:00

Lab Sample ID: 480-191670-2

Matrix: Water

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.26		0.0020	0.00070	mg/L		11/02/21 08:12	11/04/21 03:35	1
Beryllium	ND		0.0020	0.00030	mg/L		11/02/21 08:12	11/04/21 03:35	1
Cadmium	ND		0.0020	0.00050	mg/L		11/02/21 08:12	11/04/21 03:35	1
Calcium	234		0.50	0.10	mg/L		11/02/21 08:12	11/04/21 03:35	1
Chromium	0.0012	J	0.0040	0.0010	mg/L		11/02/21 08:12	11/04/21 03:35	1
Cobalt	0.0034	J	0.0040	0.00063	mg/L		11/02/21 08:12	11/04/21 03:35	1
Copper	0.0027	J B	0.010	0.0016	mg/L		11/02/21 08:12	11/04/21 03:35	1
Iron	8.6		0.050	0.019	mg/L		11/02/21 08:12	11/04/21 03:35	1
Lead	ND		0.010	0.0030	mg/L		11/02/21 08:12	11/04/21 03:35	1
Magnesium	88.6		0.20	0.043	mg/L		11/02/21 08:12	11/04/21 03:35	1
Manganese	0.92		0.0030	0.00040	mg/L		11/02/21 08:12	11/04/21 03:35	1
Nickel	0.0053	J	0.010	0.0013	mg/L		11/02/21 08:12	11/04/21 03:35	1
Potassium	7.1		0.50	0.10	mg/L		11/02/21 08:12	11/04/21 03:35	1
Selenium	ND		0.025	0.0087	mg/L		11/02/21 08:12	11/04/21 03:35	1
Silver	ND		0.0060	0.0017	mg/L		11/02/21 08:12	11/04/21 03:35	1
Sodium	81.4		1.0	0.32	mg/L		11/02/21 08:12	11/04/21 03:35	1
Thallium	ND		0.020	0.010	mg/L		11/02/21 08:12	11/04/21 03:35	1
Vanadium	ND		0.0050	0.0015	mg/L		11/02/21 08:12	11/04/21 03:35	1
Zinc	0.0051	J B	0.010	0.0015	mg/L		11/08/21 09:04	11/09/21 01:04	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		11/05/21 13:53	11/05/21 17:31	1

Client Sample ID: LPZ-04S

Date Collected: 10/29/21 15:10

Date Received: 10/29/21 16:00

Lab Sample ID: 480-191670-3

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			11/05/21 10:20	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			11/05/21 10:20	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			11/05/21 10:20	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			11/05/21 10:20	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			11/05/21 10:20	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			11/05/21 10:20	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			11/05/21 10:20	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			11/05/21 10:20	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			11/05/21 10:20	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			11/05/21 10:20	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			11/05/21 10:20	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			11/05/21 10:20	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			11/05/21 10:20	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			11/05/21 10:20	2
2-Butanone (MEK)	ND		20	2.6	ug/L			11/05/21 10:20	2
2-Hexanone	ND		10	2.5	ug/L			11/05/21 10:20	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			11/05/21 10:20	2
Acetone	ND		20	6.0	ug/L			11/05/21 10:20	2
Benzene	ND		2.0	0.82	ug/L			11/05/21 10:20	2
Bromodichloromethane	ND		2.0	0.78	ug/L			11/05/21 10:20	2

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191670-1

Client Sample ID: LPZ-04S

Lab Sample ID: 480-191670-3

Date Collected: 10/29/21 15:10

Matrix: Water

Date Received: 10/29/21 16:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		2.0	0.52	ug/L			11/05/21 10:20	2
Bromomethane	ND		2.0	1.4	ug/L			11/05/21 10:20	2
Carbon disulfide	ND		2.0	0.38	ug/L			11/05/21 10:20	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			11/05/21 10:20	2
Chlorobenzene	ND		2.0	1.5	ug/L			11/05/21 10:20	2
Chloroethane	ND		2.0	0.64	ug/L			11/05/21 10:20	2
Chloroform	ND		2.0	0.68	ug/L			11/05/21 10:20	2
Chloromethane	ND		2.0	0.70	ug/L			11/05/21 10:20	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			11/05/21 10:20	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			11/05/21 10:20	2
Cyclohexane	ND		2.0	0.36	ug/L			11/05/21 10:20	2
Dibromochloromethane	ND		2.0	0.64	ug/L			11/05/21 10:20	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			11/05/21 10:20	2
Ethylbenzene	ND		2.0	1.5	ug/L			11/05/21 10:20	2
Isopropylbenzene	ND		2.0	1.6	ug/L			11/05/21 10:20	2
Methyl acetate	ND		5.0	2.6	ug/L			11/05/21 10:20	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			11/05/21 10:20	2
Methylcyclohexane	ND		2.0	0.32	ug/L			11/05/21 10:20	2
Methylene Chloride	ND		2.0	0.88	ug/L			11/05/21 10:20	2
Styrene	ND		2.0	1.5	ug/L			11/05/21 10:20	2
Tetrachloroethene	ND		2.0	0.72	ug/L			11/05/21 10:20	2
Toluene	ND		2.0	1.0	ug/L			11/05/21 10:20	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			11/05/21 10:20	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			11/05/21 10:20	2
Trichloroethene	ND		2.0	0.92	ug/L			11/05/21 10:20	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			11/05/21 10:20	2
Vinyl chloride	ND		2.0	1.8	ug/L			11/05/21 10:20	2
Xylenes, Total	ND		4.0	1.3	ug/L			11/05/21 10:20	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		11/05/21 10:20	2
4-Bromofluorobenzene (Surr)	98		73 - 120		11/05/21 10:20	2
Toluene-d8 (Surr)	98		80 - 120		11/05/21 10:20	2

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/02/21 07:11	11/04/21 17:44	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/02/21 07:11	11/04/21 17:44	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/02/21 07:11	11/04/21 17:44	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/02/21 07:11	11/04/21 17:44	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/02/21 07:11	11/04/21 17:44	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/02/21 07:11	11/04/21 17:44	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/02/21 07:11	11/04/21 17:44	1
2,4-Dinitrotoluene	ND	*+	5.0	0.45	ug/L		11/02/21 07:11	11/04/21 17:44	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/02/21 07:11	11/04/21 17:44	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/02/21 07:11	11/04/21 17:44	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/02/21 07:11	11/04/21 17:44	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/02/21 07:11	11/04/21 17:44	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/02/21 07:11	11/04/21 17:44	1
2-Nitroaniline	ND		10	0.42	ug/L		11/02/21 07:11	11/04/21 17:44	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191670-1

Client Sample ID: LPZ-04S

Lab Sample ID: 480-191670-3

Date Collected: 10/29/21 15:10

Matrix: Water

Date Received: 10/29/21 16:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	ND		5.0	0.48	ug/L		11/02/21 07:11	11/04/21 17:44	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/02/21 07:11	11/04/21 17:44	1
3-Nitroaniline	ND		10	0.48	ug/L		11/02/21 07:11	11/04/21 17:44	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/02/21 07:11	11/04/21 17:44	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/02/21 07:11	11/04/21 17:44	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/02/21 07:11	11/04/21 17:44	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/02/21 07:11	11/04/21 17:44	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/02/21 07:11	11/04/21 17:44	1
4-Methylphenol	ND		10	0.36	ug/L		11/02/21 07:11	11/04/21 17:44	1
4-Nitroaniline	ND	*+	10	0.25	ug/L		11/02/21 07:11	11/04/21 17:44	1
4-Nitrophenol	ND		10	1.5	ug/L		11/02/21 07:11	11/04/21 17:44	1
Acenaphthene	ND		5.0	0.41	ug/L		11/02/21 07:11	11/04/21 17:44	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/02/21 07:11	11/04/21 17:44	1
Acetophenone	ND		5.0	0.54	ug/L		11/02/21 07:11	11/04/21 17:44	1
Anthracene	ND		5.0	0.28	ug/L		11/02/21 07:11	11/04/21 17:44	1
Atrazine	ND	*+	5.0	0.46	ug/L		11/02/21 07:11	11/04/21 17:44	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/02/21 07:11	11/04/21 17:44	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/02/21 07:11	11/04/21 17:44	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/02/21 07:11	11/04/21 17:44	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/02/21 07:11	11/04/21 17:44	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/02/21 07:11	11/04/21 17:44	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/02/21 07:11	11/04/21 17:44	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/02/21 07:11	11/04/21 17:44	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/02/21 07:11	11/04/21 17:44	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/02/21 07:11	11/04/21 17:44	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/02/21 07:11	11/04/21 17:44	1
Caprolactam	ND		5.0	2.2	ug/L		11/02/21 07:11	11/04/21 17:44	1
Carbazole	ND		5.0	0.30	ug/L		11/02/21 07:11	11/04/21 17:44	1
Chrysene	ND		5.0	0.33	ug/L		11/02/21 07:11	11/04/21 17:44	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/02/21 07:11	11/04/21 17:44	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/02/21 07:11	11/04/21 17:44	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/02/21 07:11	11/04/21 17:44	1
Dibenzofuran	ND		10	0.51	ug/L		11/02/21 07:11	11/04/21 17:44	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/02/21 07:11	11/04/21 17:44	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/02/21 07:11	11/04/21 17:44	1
Fluoranthene	ND		5.0	0.40	ug/L		11/02/21 07:11	11/04/21 17:44	1
Fluorene	ND		5.0	0.36	ug/L		11/02/21 07:11	11/04/21 17:44	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/02/21 07:11	11/04/21 17:44	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/02/21 07:11	11/04/21 17:44	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/02/21 07:11	11/04/21 17:44	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/02/21 07:11	11/04/21 17:44	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/02/21 07:11	11/04/21 17:44	1
Isophorone	ND		5.0	0.43	ug/L		11/02/21 07:11	11/04/21 17:44	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/02/21 07:11	11/04/21 17:44	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/02/21 07:11	11/04/21 17:44	1
Naphthalene	ND		5.0	0.76	ug/L		11/02/21 07:11	11/04/21 17:44	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/02/21 07:11	11/04/21 17:44	1
Pentachlorophenol	ND		10	2.2	ug/L		11/02/21 07:11	11/04/21 17:44	1
Phenanthrene	ND	*1	5.0	0.44	ug/L		11/02/21 07:11	11/04/21 17:44	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191670-1

Client Sample ID: LPZ-04S

Lab Sample ID: 480-191670-3

Date Collected: 10/29/21 15:10

Matrix: Water

Date Received: 10/29/21 16:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		5.0	0.39	ug/L		11/02/21 07:11	11/04/21 17:44	1
Pyrene	ND		5.0	0.34	ug/L		11/02/21 07:11	11/04/21 17:44	1
Benzoic acid	ND		150	100	ug/L		11/02/21 07:11	11/04/21 17:44	1

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	105		41 - 120				11/02/21 07:11	11/04/21 17:44	1
2-Fluorobiphenyl	121	S1+	48 - 120				11/02/21 07:11	11/04/21 17:44	1
2-Fluorophenol	86		35 - 120				11/02/21 07:11	11/04/21 17:44	1
Nitrobenzene-d5	101		46 - 120				11/02/21 07:11	11/04/21 17:44	1
p-Terphenyl-d14	89		60 - 148				11/02/21 07:11	11/04/21 17:44	1
Phenol-d5	64		22 - 120				11/02/21 07:11	11/04/21 17:44	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/02/21 07:02	11/02/21 23:00	1
4,4'-DDE	ND	*+	0.050	0.012	ug/L		11/02/21 07:02	11/02/21 23:00	1
4,4'-DDT	ND		0.050	0.011	ug/L		11/02/21 07:02	11/02/21 23:00	1
Aldrin	ND		0.050	0.0081	ug/L		11/02/21 07:02	11/02/21 23:00	1
alpha-BHC	ND		0.050	0.0077	ug/L		11/02/21 07:02	11/02/21 23:00	1
cis-Chlordane	ND	*+	0.050	0.015	ug/L		11/02/21 07:02	11/02/21 23:00	1
beta-BHC	ND	*+	0.050	0.025	ug/L		11/02/21 07:02	11/02/21 23:00	1
delta-BHC	ND		0.050	0.010	ug/L		11/02/21 07:02	11/02/21 23:00	1
Dieldrin	ND	*+	0.050	0.0098	ug/L		11/02/21 07:02	11/02/21 23:00	1
Endosulfan I	ND	*+	0.050	0.011	ug/L		11/02/21 07:02	11/02/21 23:00	1
Endosulfan II	ND		0.050	0.012	ug/L		11/02/21 07:02	11/02/21 23:00	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		11/02/21 07:02	11/02/21 23:00	1
Endrin	ND		0.050	0.014	ug/L		11/02/21 07:02	11/02/21 23:00	1
Endrin aldehyde	ND		0.050	0.016	ug/L		11/02/21 07:02	11/02/21 23:00	1
Endrin ketone	ND		0.050	0.012	ug/L		11/02/21 07:02	11/02/21 23:00	1
gamma-BHC (Lindane)	ND	*+	0.050	0.0080	ug/L		11/02/21 07:02	11/02/21 23:00	1
trans-Chlordane	ND		0.050	0.011	ug/L		11/02/21 07:02	11/02/21 23:00	1
Heptachlor	ND		0.050	0.0085	ug/L		11/02/21 07:02	11/02/21 23:00	1
Heptachlor epoxide	ND	*+	0.050	0.0074	ug/L		11/02/21 07:02	11/02/21 23:00	1
Methoxychlor	ND	*+	0.050	0.014	ug/L		11/02/21 07:02	11/02/21 23:00	1
Toxaphene	ND		0.50	0.12	ug/L		11/02/21 07:02	11/02/21 23:00	1
Mirex	ND		0.050	0.0096	ug/L		11/02/21 07:02	11/02/21 23:00	1

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	102		20 - 120				11/02/21 07:02	11/02/21 23:00	1
DCB Decachlorobiphenyl	97		20 - 120				11/02/21 07:02	11/02/21 23:00	1
Tetrachloro-m-xylene	113		44 - 120				11/02/21 07:02	11/02/21 23:00	1
Tetrachloro-m-xylene	109		44 - 120				11/02/21 07:02	11/02/21 23:00	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 19:27	1
PCB-1221	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 19:27	1
PCB-1232	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 19:27	1
PCB-1242	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 19:27	1
PCB-1248	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 19:27	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191670-1

Client Sample ID: LPZ-04S

Lab Sample ID: 480-191670-3

Date Collected: 10/29/21 15:10

Matrix: Water

Date Received: 10/29/21 16:00

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1254	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 19:27	1
PCB-1260	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 19:27	1
PCB-1262	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 19:27	1
PCB-1268	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 19:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	81		39 - 121				11/02/21 14:23	11/03/21 19:27	1
Tetrachloro-m-xylene	87		39 - 121				11/02/21 14:23	11/03/21 19:27	1
DCB Decachlorobiphenyl	81		19 - 120				11/02/21 14:23	11/03/21 19:27	1
DCB Decachlorobiphenyl	49		19 - 120				11/02/21 14:23	11/03/21 19:27	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.10	J B	0.20	0.060	mg/L		11/02/21 08:12	11/04/21 03:39	1
Antimony	ND		0.020	0.0068	mg/L		11/02/21 08:12	11/04/21 03:39	1
Arsenic	0.0099	J	0.015	0.0056	mg/L		11/02/21 08:12	11/04/21 03:39	1
Barium	0.045		0.0020	0.00070	mg/L		11/02/21 08:12	11/04/21 03:39	1
Beryllium	ND		0.0020	0.00030	mg/L		11/02/21 08:12	11/04/21 03:39	1
Cadmium	ND		0.0020	0.00050	mg/L		11/02/21 08:12	11/04/21 03:39	1
Calcium	123		0.50	0.10	mg/L		11/02/21 08:12	11/04/21 03:39	1
Chromium	ND		0.0040	0.0010	mg/L		11/02/21 08:12	11/04/21 03:39	1
Cobalt	0.0025	J	0.0040	0.00063	mg/L		11/02/21 08:12	11/04/21 03:39	1
Copper	ND		0.010	0.0016	mg/L		11/02/21 08:12	11/04/21 03:39	1
Iron	2.0		0.050	0.019	mg/L		11/02/21 08:12	11/04/21 03:39	1
Lead	ND		0.010	0.0030	mg/L		11/02/21 08:12	11/04/21 03:39	1
Magnesium	132		0.20	0.043	mg/L		11/02/21 08:12	11/04/21 03:39	1
Manganese	1.2		0.0030	0.00040	mg/L		11/02/21 08:12	11/04/21 03:39	1
Nickel	0.0063	J	0.010	0.0013	mg/L		11/02/21 08:12	11/04/21 03:39	1
Potassium	26.8		0.50	0.10	mg/L		11/02/21 08:12	11/04/21 03:39	1
Selenium	ND		0.025	0.0087	mg/L		11/02/21 08:12	11/04/21 03:39	1
Silver	ND		0.0060	0.0017	mg/L		11/02/21 08:12	11/04/21 03:39	1
Sodium	323		1.0	0.32	mg/L		11/02/21 08:12	11/04/21 03:39	1
Thallium	ND		0.020	0.010	mg/L		11/02/21 08:12	11/04/21 03:39	1
Vanadium	ND		0.0050	0.0015	mg/L		11/02/21 08:12	11/04/21 03:39	1
Zinc	0.0036	J B	0.010	0.0015	mg/L		11/08/21 09:04	11/09/21 01:07	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		11/05/21 13:53	11/05/21 17:32	1

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191670-1
 SDG No.: _____
 Matrix: Water Level: Low
 GC Column (1): RXI-5Sil MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPHd14 #
OW-01	480-191670-1	83	64	97	117	110	86
OW-21	480-191670-2	83	64	98	120	120	90
LPZ-04S	480-191670-3	86	64	101	121 S1+	105	89
	MB 480-602984/1-A	82	62	96	112	71	112
	LCS 480-602984/2-A	81	63	96	115	116	102
	LCSD 480-602984/3-A	80	61	96	112	116	107

	<u>QC LIMITS</u>
2FP = 2-Fluorophenol	35-120
PHL = Phenol-d5	22-120
NBZ = Nitrobenzene-d5	46-120
FBP = 2-Fluorobiphenyl	48-120
TBP = 2,4,6-Tribromophenol	41-120
TPHd14 = p-Terphenyl-d14	60-148

Column to be used to flag recovery values

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Buffalo

Job No.: 480-191670-1

SDG No.: _____

Matrix: Water Level: Low

Lab File ID: W10017700.d

Lab ID: LCS 480-602984/2-A

Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Biphenyl	32.0	33.9	106	59-120	
bis (2-chloroisopropyl) ether	32.0	28.3	89	21-136	
2,4,5-Trichlorophenol	32.0	37.6	117	65-126	
2,4,6-Trichlorophenol	32.0	35.6	111	64-120	
2,4-Dichlorophenol	32.0	34.9	109	63-120	
2,4-Dimethylphenol	32.0	35.3	110	47-120	
2,4-Dinitrophenol	64.0	68.3	107	31-137	
2,4-Dinitrotoluene	32.0	37.9	118	69-120	
2,6-Dinitrotoluene	32.0	37.9	118	68-120	
2-Chloronaphthalene	32.0	33.3	104	58-120	
2-Chlorophenol	32.0	32.8	103	48-120	
2-Methylnaphthalene	32.0	33.6	105	59-120	
2-Methylphenol	32.0	31.9	100	39-120	
2-Nitroaniline	32.0	37.0	116	54-127	
2-Nitrophenol	32.0	34.0	106	52-125	
3,3'-Dichlorobenzidine	64.0	72.8	114	49-135	
3-Nitroaniline	32.0	33.0	103	51-120	
4,6-Dinitro-2-methylphenol	64.0	76.8	120	46-136	
4-Bromophenyl phenyl ether	32.0	37.3	117	65-120	
4-Chloro-3-methylphenol	32.0	36.5	114	61-123	
4-Chloroaniline	32.0	29.3	92	30-120	
4-Chlorophenyl phenyl ether	32.0	36.3	113	62-120	
4-Methylphenol	32.0	30.8	96	29-131	
4-Nitroaniline	32.0	39.7	124	65-120	*+
4-Nitrophenol	64.0	56.6	88	45-120	
Acenaphthene	32.0	35.0	109	60-120	
Acenaphthylene	32.0	37.0	116	63-120	
Acetophenone	32.0	33.6	105	45-120	
Anthracene	32.0	36.0	112	67-120	
Atrazine	64.0	82.8	129	71-130	
Benzaldehyde	64.0	69.6	109	10-140	
Benzo (a) anthracene	32.0	33.2	104	70-121	
Benzo (a) pyrene	32.0	32.5	102	60-123	
Benzo (b) fluoranthene	32.0	34.2	107	66-126	
Benzo (g, h, i) perylene	32.0	31.3	98	66-150	
Benzo (k) fluoranthene	32.0	31.7	99	65-124	
Bis (2-chloroethoxy) methane	32.0	34.1	107	50-128	
Bis (2-chloroethyl) ether	32.0	32.0	100	44-120	
Bis (2-ethylhexyl) phthalate	32.0	30.8	96	63-139	
Butyl benzyl phthalate	32.0	35.2	110	70-129	
Caprolactam	64.0	30.0	47	22-120	
Carbazole	32.0	38.9	122	66-123	

Column to be used to flag recovery and RPD values

FORM III
PESTICIDES LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191670-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: 25_52-068.D
 Lab ID: LCS 480-602983/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
4,4'-DDD	0.400	0.496	124	64-129	
4,4'-DDE	0.400	0.501	125	50-120	*+
4,4'-DDT	0.400	0.446	111	59-120	
Aldrin	0.400	0.434	108	40-125	
alpha-BHC	0.400	0.440	110	52-125	
cis-Chlordane	0.400	0.492	123	52-120	*+
beta-BHC	0.400	0.494	124	51-120	*+
delta-BHC	0.400	0.441	110	51-120	
Dieldrin	0.400	0.535	134	66-128	*+
Endosulfan I	0.400	0.520	130	57-120	*+
Endosulfan II	0.400	0.510	128	66-131	
Endosulfan sulfate	0.400	0.510	128	66-136	
Endrin	0.400	0.494	123	65-135	
Endrin aldehyde	0.400	0.259	65	61-134	
Endrin ketone	0.400	0.495	124	71-133	
gamma-BHC (Lindane)	0.400	0.479	120	56-120	
trans-Chlordane	0.400	0.409	102	54-120	
Heptachlor	0.400	0.444	111	58-120	
Heptachlor epoxide	0.400	0.502	126	65-125	*+
Methoxychlor	0.400	0.708	177	50-150	*+

Column to be used to flag recovery and RPD values

FORM III
PESTICIDES LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191670-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: 25_52-069.D
 Lab ID: LCSD 480-602983/3-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
4,4'-DDD	0.400	0.513	128	3	23	64-129	
4,4'-DDE	0.400	0.506	127	1	22	50-120	*+
4,4'-DDT	0.400	0.452	113	1	24	59-120	
Aldrin	0.400	0.431	108	1	25	40-125	
alpha-BHC	0.400	0.444	111	1	24	52-125	
cis-Chlordane	0.400	0.494	124	0	23	52-120	*+
beta-BHC	0.400	0.504	126	2	24	51-120	*+
delta-BHC	0.400	0.464	116	5	24	51-120	
Dieldrin	0.400	0.534	134	0	24	66-128	*+
Endosulfan I	0.400	0.523	131	1	30	57-120	*+
Endosulfan II	0.400	0.523	131	2	40	66-131	
Endosulfan sulfate	0.400	0.525	131	3	24	66-136	
Endrin	0.400	0.506	126	2	24	65-135	
Endrin aldehyde	0.400	0.291	73	12	28	61-134	
Endrin ketone	0.400	0.509	127	3	26	71-133	
gamma-BHC (Lindane)	0.400	0.484	121	1	24	56-120	*+
trans-Chlordane	0.400	0.418	104	2	24	54-120	
Heptachlor	0.400	0.440	110	1	25	58-120	
Heptachlor epoxide	0.400	0.499	125	1	23	65-125	
Methoxychlor	0.400	0.670	167	5	26	50-150	*+

Column to be used to flag recovery and RPD values

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191670-1
 SDG No.: _____
 Client Sample ID: OW-21 Lab Sample ID: 480-191670-2
 Instrument ID (1): HP6890-25 Instrument ID (2): HP6890-25
 Date Analyzed (1): 11/02/2021 22:40 Date Analyzed (2): 11/02/2021 22:40
 GC Column (1): RTX-CLPI ID: 0.53 (mm) GC Column (2): RTX-CLPII ID: 0.53 (mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Endosulfan II	1		5.66	5.65	5.71	0.047		86.1
	2		6.64	6.59	6.65	0.019		
Endrin aldehyde	1		6.13	6.08	6.14	0.025		19.0
	2		6.97	6.94	7.00	0.020		
Methoxychlor	1		6.30	6.27	6.33	0.016		1.6
	2		7.48	7.47	7.53	0.016		
Mirex	1		6.41	6.40	6.46	0.014		131.9
	2		7.79	7.75	7.81	0.070		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191670-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 480-602983/1-A
 Instrument ID (1): HP6890-25 Instrument ID (2): HP6890-25
 Date Analyzed (1): 11/02/2021 17:26 Date Analyzed (2): 11/02/2021 17:26
 GC Column (1): RTX-CLPI ID: 0.53 (mm) GC Column (2): RTX-CLPII ID: 0.53 (mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Endrin aldehyde	1		6.13	6.08	6.14	0.0264		36.6
	2		6.94	6.94	7.00	0.0382		
Endrin ketone	1		6.84	6.80	6.86	0.0427		25.6
	2		7.84	7.78	7.84	0.0330		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191670-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 480-602983/2-A
 Instrument ID (1): HP6890-25 Instrument ID (2): HP6890-25
 Date Analyzed (1): 11/02/2021 17:45 Date Analyzed (2): 11/02/2021 17:45
 GC Column (1): RTX-CLPI ID: 0.53 (mm) GC Column (2): RTX-CLPII ID: 0.53 (mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		3.00	2.98	3.04	0.365		18.5
	2		3.58	3.55	3.61	0.440		
gamma-BHC (Lindane)	1		3.26	3.24	3.30	0.416		14.0
	2		3.93	3.91	3.97	0.479		
beta-BHC	1		3.33	3.31	3.37	0.444		10.7
	2		4.00	3.98	4.04	0.494		
delta-BHC	1		3.49	3.47	3.53	0.373		16.8
	2		4.32	4.30	4.36	0.441		
Heptachlor	1		3.68	3.65	3.71	0.370		18.2
	2		4.41	4.39	4.45	0.444		
Aldrin	1		3.96	3.94	4.00	0.351		21.2
	2		4.76	4.74	4.80	0.434		
Heptachlor epoxide	1		4.56	4.54	4.60	0.446		11.8
	2		5.37	5.35	5.41	0.502		
trans-Chlordane	1		4.68	4.66	4.72	0.418		2.0
	2		5.57	5.55	5.61	0.409		
cis-Chlordane	1		4.82	4.79	4.85	0.376		26.9
	2		5.72	5.70	5.76	0.492		
4,4'-DDE	1		4.89	4.87	4.93	0.393		24.1
	2		5.88	5.86	5.92	0.501		
Endosulfan I	1		4.96	4.94	5.00	0.349		39.3
	2		5.79	5.77	5.83	0.520		
Dieldrin	1		5.20	5.18	5.24	0.461		14.8
	2		6.08	6.06	6.12	0.535		
Endrin	1		5.44	5.42	5.48	0.483		2.2
	2		6.40	6.38	6.44	0.494		
4,4'-DDD	1		5.51	5.48	5.54	0.482		2.9
	2		6.48	6.46	6.52	0.496		
Endosulfan II	1		5.67	5.65	5.71	0.469		8.4
	2		6.62	6.59	6.65	0.510		
4,4'-DDT	1		5.79	5.77	5.83	0.388		13.8
	2		6.81	6.79	6.85	0.446		
Endrin aldehyde	1		6.10	6.08	6.14	0.194		28.5
	2		6.96	6.94	7.00	0.259		
Methoxychlor	1		6.29	6.27	6.33	0.344		69.1
	2		7.49	7.47	7.53	0.708		
Endosulfan sulfate	1		6.54	6.52	6.58	0.341		39.9
	2		7.24	7.22	7.28	0.510		
Endrin ketone	1		6.83	6.80	6.86	0.475		4.1
	2		7.80	7.78	7.84	0.495		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191670-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 480-602983/3-A
 Instrument ID (1): HP6890-25 Instrument ID (2): HP6890-25
 Date Analyzed (1): 11/02/2021 18:05 Date Analyzed (2): 11/02/2021 18:05
 GC Column (1): RTX-CLPI ID: 0.53 (mm) GC Column (2): RTX-CLPII ID: 0.53 (mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		3.00	2.98	3.04	0.396		11.5
	2		3.57	3.55	3.61	0.444		
gamma-BHC (Lindane)	1		3.26	3.24	3.30	0.445		8.2
	2		3.93	3.91	3.97	0.484		
beta-BHC	1		3.33	3.31	3.37	0.473		6.2
	2		4.00	3.98	4.04	0.504		
delta-BHC	1		3.49	3.47	3.53	0.408		12.7
	2		4.32	4.30	4.36	0.464		
Heptachlor	1		3.68	3.65	3.71	0.393		11.3
	2		4.41	4.39	4.45	0.440		
Aldrin	1		3.96	3.94	4.00	0.365		16.6
	2		4.76	4.74	4.80	0.431		
Heptachlor epoxide	1		4.56	4.54	4.60	0.469		6.2
	2		5.37	5.35	5.41	0.499		
trans-Chlordane	1		4.68	4.66	4.72	0.438		4.8
	2		5.57	5.55	5.61	0.418		
cis-Chlordane	1		4.82	4.79	4.85	0.401		20.8
	2		5.72	5.70	5.76	0.494		
4,4'-DDE	1		4.89	4.87	4.93	0.409		21.2
	2		5.88	5.86	5.92	0.506		
Endosulfan I	1		4.96	4.94	5.00	0.378		32.2
	2		5.79	5.77	5.83	0.523		
Dieldrin	1		5.20	5.18	5.24	0.490		8.6
	2		6.08	6.06	6.12	0.534		
Endrin	1		5.44	5.42	5.48	0.512		1.3
	2		6.40	6.38	6.44	0.506		
4,4'-DDD	1		5.51	5.48	5.54	0.537		4.6
	2		6.48	6.46	6.52	0.513		
Endosulfan II	1		5.67	5.65	5.71	0.498		4.9
	2		6.61	6.59	6.65	0.523		
4,4'-DDT	1		5.79	5.77	5.83	0.413		9.0
	2		6.81	6.79	6.85	0.452		
Endrin aldehyde	1		6.10	6.08	6.14	0.268		8.2
	2		6.96	6.94	7.00	0.291		
Methoxychlor	1		6.29	6.27	6.33	0.374		56.6
	2		7.49	7.47	7.53	0.670		
Endosulfan sulfate	1		6.54	6.52	6.58	0.372		34.1
	2		7.24	7.22	7.28	0.525		
Endrin ketone	1		6.82	6.80	6.86	0.514		1.0
	2		7.80	7.78	7.84	0.509		

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Buffalo</u>	Job No.: <u>480-191670-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>MB 480-602983/1-A</u>
Matrix: <u>Water</u>	Lab File ID: <u>25_52-067.D</u>
Analysis Method: <u>8081B</u>	Date Collected: _____
Extraction Method: <u>3510C</u>	Date Extracted: <u>11/02/2021 07:02</u>
Sample wt/vol: <u>250 (mL)</u>	Date Analyzed: <u>11/02/2021 17:26</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1 (uL)</u>	GC Column: <u>RTX-CLPII</u> ID: <u>0.53 (mm)</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>602987</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	ND		0.050	0.0092
72-55-9	4,4'-DDE	ND		0.050	0.012
50-29-3	4,4'-DDT	ND		0.050	0.011
309-00-2	Aldrin	ND		0.050	0.0081
319-84-6	alpha-BHC	ND		0.050	0.0077
5103-71-9	cis-Chlordane	ND		0.050	0.015
319-85-7	beta-BHC	ND		0.050	0.025
319-86-8	delta-BHC	ND		0.050	0.010
60-57-1	Dieldrin	ND		0.050	0.0098
959-98-8	Endosulfan I	ND		0.050	0.011
33213-65-9	Endosulfan II	ND		0.050	0.012
1031-07-8	Endosulfan sulfate	ND		0.050	0.016
72-20-8	Endrin	ND		0.050	0.014
7421-93-4	Endrin aldehyde	0.0382	J	0.050	0.016
53494-70-5	Endrin ketone	0.0330	J	0.050	0.012
58-89-9	gamma-BHC (Lindane)	ND		0.050	0.0080
5103-74-2	trans-Chlordane	ND		0.050	0.011
76-44-8	Heptachlor	ND		0.050	0.0085
1024-57-3	Heptachlor epoxide	ND		0.050	0.0074
72-43-5	Methoxychlor	ND		0.050	0.014
8001-35-2	Toxaphene	ND		0.50	0.12
2385-85-5	Mirex	ND		0.050	0.0096

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	71		20-120
877-09-8	Tetrachloro-m-xylene	97		44-120

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191670-1
 SDG No.: _____
 Lab Sample ID: ICV 480-581327/30 Calibration Date: 05/17/2021 23:07
 Instrument ID: HP6890-6 Calib Start Date: 05/17/2021 22:29
 GC Column: ZB-5 ID: 0.53 (mm) Calib End Date: 05/17/2021 22:54
 Lab File ID: 6_087-212.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Lin2		0.0171		0.512	0.500	2.3	20.0
PCB-1242 Peak 2	Lin2		0.0209		0.517	0.500	3.5	20.0
PCB-1242 Peak 3	Lin2		0.0448		0.482	0.500	-3.7	20.0
PCB-1242 Peak 4	Lin2		0.0275		0.492	0.500	-1.7	20.0
PCB-1242 Peak 5	Lin2		0.0205		0.513	0.500	2.6	20.0
PCB-1268 Peak 1	Lin2		0.1398		0.510	0.500	1.9	20.0
PCB-1268 Peak 2	Lin2		0.1257		0.505	0.500	1.0	20.0
PCB-1268 Peak 3	Lin2		0.1196		0.554	0.500	10.8	20.0
PCB-1268 Peak 4	Lin2		0.0350		0.368	0.500	-26.4*	20.0
PCB-1268 Peak 5	Lin2		0.3141		0.456	0.500	-8.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191670-1
 SDG No.: _____
 Lab Sample ID: ICV 480-581327/30 Calibration Date: 05/17/2021 23:07
 Instrument ID: HP6890-6 Calib Start Date: 05/17/2021 22:29
 GC Column: ZB-35 ID: 0.53 (mm) Calib End Date: 05/17/2021 22:54
 Lab File ID: 6_087-212.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Lin2		0.0163		0.508	0.500	1.5	20.0
PCB-1242 Peak 2	Lin2		0.0362		0.505	0.500	1.1	20.0
PCB-1242 Peak 3	Lin2		0.0425		0.488	0.500	-2.5	20.0
PCB-1242 Peak 4	Lin2		0.0280		0.502	0.500	0.3	20.0
PCB-1242 Peak 5	Lin2		0.0264		0.508	0.500	1.7	20.0
PCB-1268 Peak 1	Lin2		0.1350		0.523	0.500	4.6	20.0
PCB-1268 Peak 2	Lin2		0.1243		0.529	0.500	5.7	20.0
PCB-1268 Peak 3	Lin2		0.1154		0.567	0.500	13.4	20.0
PCB-1268 Peak 4	Lin2		0.0342		0.371	0.500	-25.9*	20.0
PCB-1268 Peak 5	Lin2		0.3085		0.462	0.500	-7.7	20.0

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191670-1
 SDG No.: _____
 Lab Sample ID: CCVIS 480-603297/5 Calibration Date: 11/03/2021 15:10
 Instrument ID: HP6890-6 Calib Start Date: 05/17/2021 18:14
 GC Column: ZB-5 ID: 0.53 (mm) Calib End Date: 05/17/2021 19:30
 Lab File ID: 6_099-089.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Lin2		0.0191		0.445	0.504	-11.6	20.0
PCB-1016 Peak 2	Lin2		0.0241		0.448	0.504	-11.0	20.0
PCB-1016 Peak 3	Lin2		0.0542		0.439	0.504	-12.8	20.0
PCB-1016 Peak 4	Lin2		0.0335		0.458	0.504	-9.1	20.0
PCB-1016 Peak 5	Lin2		0.0204		0.451	0.504	-10.4	20.0
PCB-1260 Peak 1	Lin2		0.0473		0.475	0.504	-5.8	20.0
PCB-1260 Peak 2	Lin2		0.0581		0.529	0.504	5.0	20.0
PCB-1260 Peak 3	Lin2		0.0749		0.529	0.504	5.0	20.0
PCB-1260 Peak 4	Lin2		0.0458		0.518	0.504	2.7	20.0
PCB-1260 Peak 5	Lin2		0.1123		0.526	0.504	4.3	20.0
Tetrachloro-m-xylene	Lin2		1.067		0.0104	0.0125	-17.2	20.0
DCB Decachlorobiphenyl	Lin1		1.246		0.0168	0.0125	34.5*	20.0

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191670-1
 SDG No.: _____
 Lab Sample ID: CCV 480-603297/31 Calibration Date: 11/03/2021 20:44
 Instrument ID: HP6890-6 Calib Start Date: 05/17/2021 18:14
 GC Column: ZB-5 ID: 0.53 (mm) Calib End Date: 05/17/2021 19:30
 Lab File ID: 6_099-115.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Lin2		0.0223		0.520	0.504	3.4	20.0
PCB-1016 Peak 2	Lin2		0.0301		0.562	0.504	11.6	20.0
PCB-1016 Peak 3	Lin2		0.0687		0.558	0.504	10.8	20.0
PCB-1016 Peak 4	Lin2		0.0421		0.578	0.504	14.7	20.0
PCB-1016 Peak 5	Lin2		0.0255		0.568	0.504	12.9	20.0
PCB-1260 Peak 1	Lin2		0.0568		0.573	0.504	13.6	20.0
PCB-1260 Peak 2	Lin2		0.0719		0.659	0.504	30.7*	20.0
PCB-1260 Peak 3	Lin2		0.0861		0.610	0.504	20.9*	20.0
PCB-1260 Peak 4	Lin2		0.0545		0.618	0.504	22.6*	20.0
PCB-1260 Peak 5	Lin2		0.1329		0.623	0.504	23.6*	20.0
Tetrachloro-m-xylene	Lin2		1.269		0.0123	0.0125	-1.4	20.0
DCB Decachlorobiphenyl	Lin1		1.389		0.0188	0.0125	50.7*	20.0

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191670-1

SDG No.: _____

ICV Source: MEI_10_CCVL_00403 Concentration Units: mg/L

CCV Source: MEI_10_CCVL_00403

Analyte	ICVL 480-603437/8 11/03/2021 20:54				CCVL 480-603437/20 11/04/2021 01:34				CCVL 480-603437/24 11/04/2021 02:20			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	0.242		0.200	121	0.214		0.200	107	0.205		0.200	103
Antimony	0.0199	J	0.0200	99	0.0213		0.0200	107	0.0199	J	0.0200	100
Arsenic	0.0140	J	0.0150	93	0.0136	J	0.0150	90	0.0139	J	0.0150	93
Barium	0.00213		0.00200	107	0.00216		0.00200	108	0.00217		0.00200	109
Beryllium	0.00201		0.00200	101	0.00200		0.00200	100	0.00199	J	0.00200	100
Cadmium	0.00186	J	0.00200	93	0.00193	J	0.00200	97	0.00201		0.00200	101
Calcium	0.507		0.500	101	0.511		0.500	102	0.513		0.500	103
Chromium	0.00431		0.00400	108	0.00432		0.00400	108	0.00447		0.00400	112
Cobalt	0.00372	J	0.00400	93	0.00376	J	0.00400	94	0.00368	J	0.00400	92
Copper	0.0101		0.0100	101	0.0100		0.0100	100	0.0101		0.0100	101
Iron	0.0499	J	0.0500	100	0.0477	J	0.0500	95	0.0518		0.0500	104
Lead	0.00931	J	0.0100	93	0.00913	J	0.0100	91	0.00932	J	0.0100	93
Magnesium	0.197	J	0.200	99	0.196	J	0.200	98	0.198	J	0.200	99
Manganese	0.00314		0.00300	105	0.00300		0.00300	100	0.00308		0.00300	103
Nickel	0.00975	J	0.0100	98	0.00954	J	0.0100	95	0.00951	J	0.0100	95
Potassium	0.434	J	0.500	87	0.369	J	0.500	74	0.390	J	0.500	78
Selenium	0.0225	J	0.0250	90	0.0229	J	0.0250	91	0.0217	J	0.0250	87
Silver	0.00588	J	0.00600	98	0.00585	J	0.00600	98	0.00599	J	0.00600	100
Sodium	0.959	J	1.01	95	0.964	J	1.01	96	0.937	J	1.01	93
Thallium	0.0195	J	0.0200	98	0.0195	J	0.0200	98	0.0194	J	0.0200	97
Vanadium	0.00482	J	0.00500	96	0.00482	J	0.00500	96	0.00479	J	0.00500	96
<i>Zinc</i>	0.00983	J	0.0100	98	0.00973	J	0.0100	97	0.00977	J	0.0100	98

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191670-1

SDG No.: _____

ICV Source: MEI_10_CCVL_00403 Concentration Units: mg/L

CCV Source: MEI_10_CCVL_00403

Analyte	CCVL 480-603437/36 11/04/2021 03:05				CCVL 480-603437/48 11/04/2021 03:50							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	0.227		0.200	113	0.188	J	0.200	94				
Antimony	0.0206		0.0200	103	0.0208		0.0200	104				
Arsenic	0.0163		0.0150	109	0.0157		0.0150	104				
Barium	0.00218		0.00200	109	0.00219		0.00200	110				
Beryllium	0.00195	J	0.00200	98	0.00206		0.00200	103				
Cadmium	0.00209		0.00200	105	0.00203		0.00200	102				
Calcium	0.511		0.500	102	0.517		0.500	103				
Chromium	0.00453		0.00400	113	0.00469		0.00400	117				
Cobalt	0.00365	J	0.00400	91	0.00374	J	0.00400	94				
Copper	0.0100		0.0100	100	0.00977	J	0.0100	98				
Iron	0.0419	J	0.0500	84	0.0434	J	0.0500	87				
Lead	0.00836	J	0.0100	84	0.0105		0.0100	105				
Magnesium	0.196	J	0.200	98	0.198	J	0.200	99				
Manganese	0.00304		0.00300	101	0.00307		0.00300	102				
Nickel	0.00947	J	0.0100	95	0.00962	J	0.0100	96				
Potassium	0.400	J	0.500	80	0.369	J	0.500	74				
Selenium	0.0216	J	0.0250	86	0.0227	J	0.0250	91				
Silver	0.00620		0.00600	103	0.00602		0.00600	100				
Sodium	0.967	J	1.01	96	0.965	J	1.01	96				
Thallium	0.0194	J	0.0200	97	0.0195	J	0.0200	97				
Vanadium	0.00497	J	0.00500	99	0.00464	J	0.00500	93				
<i>Zinc</i>	0.00945	J	0.0100	95	0.00991	J	0.0100	99				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS - TOTAL RECOVERABLE

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191670-1
 SDG No.: _____
 Concentration Units: mg/L Lab Sample ID: MB 480-602997/1-A
 Instrument Code: ICAP1 Batch No.: 603437

CAS No.	Analyte	Concentration	C	Q	Method
7429-90-5	Aluminum	0.170	J		6010C
7440-36-0	Antimony	ND			6010C
7440-38-2	Arsenic	ND			6010C
7440-39-3	Barium	ND			6010C
7440-41-7	Beryllium	ND			6010C
7440-43-9	Cadmium	ND			6010C
7440-70-2	Calcium	ND			6010C
7440-47-3	Chromium	ND			6010C
7440-48-4	Cobalt	ND			6010C
7440-50-8	Copper	0.00255	J		6010C
7439-89-6	Iron	ND			6010C
7439-92-1	Lead	ND			6010C
7439-95-4	Magnesium	ND			6010C
7439-96-5	Manganese	ND			6010C
7440-02-0	Nickel	ND			6010C
7440-09-7	Potassium	ND			6010C
7782-49-2	Selenium	ND			6010C
7440-22-4	Silver	ND			6010C
7440-23-5	Sodium	ND			6010C
7440-28-0	Thallium	ND			6010C
7440-62-2	Vanadium	ND			6010C

3-IN
METHOD BLANK
METALS - TOTAL RECOVERABLE

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191670-1
SDG No.: _____
Concentration Units: mg/L Lab Sample ID: MB 480-603675/1-A
Instrument Code: ICAP2 Batch No.: 604021

CAS No.	Analyte	Concentration	C	Q	Method
7440-66-6	Zinc	0.00235	J		6010C

OW-13, OW-16, OW-37 & LPZ-06S

Data Usability Summary Report

Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

Nash Rd. LF #932054
Eurofins SDG#480-191913-1
February 28, 2022
Reissued: March 9, 2022
Sampling date: 11/4/2021

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

Nash Rd. LF #932054
SDG# 480-191913-1

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package(reissued: March 9, 2022) for LiRo Engineers, project located at Nash Rd. LF #932054, Eurofins SDG#480-191913-1 submitted to Vali-Data of WNY, LLC on December 8, 2021. This DUSR has been prepared in general compliance with USEPA National Functional Guidelines(NFG) and NYSDEC Analytical Services Protocols. The laboratory performed the analyses using USEPA method Volatile Organics (8260C), Semi-Volatile Organics (8270D), Pesticides (8081B), PCB (8082A), and Inorganics/Mercury (6010C, 7470A).

ID	Sample ID	Laboratory ID
1	OW-13	480-191913-1
2	LPZ-06S	480-191913-2
3	OW-16	480-191913-3
4	OW-37	480-191913-4

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Sample Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Holding Times.

Nash Rd. LF #932054

SDG# 480-191913-1

Samples: OW-13, OW-16 and OW-34 were diluted due to foaming.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All criteria were met except the pH of OW-13 was outside QC limits and was analyzed outside of the 7-day timeline. All detected target analytes in this sample should be qualified as estimated and all non-detects should be qualified as unusable.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

All criteria were met.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on some target analytes, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

GC/MS PERFORMANCE CHECK

All criteria were met.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Surrogate Spike Recoveries and Continuing Calibration.

Sample: OW-13 was diluted due to high target analyte concentrations.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of 2,4,6-Tribromophenol was outside QC limits, high in OW-16, LCS 480-603779/2-A and LPZ-06SMSD. Associated target analytes detected in these samples should be qualified as estimated high.

2,4,6-Trichlorophenol	2,4-Dinitrophenol	4,6-Dinitro-2-methylphenol
2,4,5-Trichlorophenol	4-Nitrophenol	Pentachlorophenol

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

All criteria were met.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on some target analytes, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of Bis(2-chloroisopropyl)ether was outside QC limits CCVIS 480-604220/3 and should be qualified as estimated in OW-13DL.

GC/MS PERFORMANCE CHECK

All criteria were met.

PESTICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Method Blank and MS/MSD.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the samples were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met except Endosulfan II and trans-Chlordane were detected above the MDL, below the reporting limit and are qualified as estimated in MB 480-603655/1-A. These target analytes should be qualified as estimated in the associated samples in which they were detected.

Blank ID	Target Analyte	Concentration(ug/L)	Qualifier	Associated Sample
MB 480-603655	Endosulfan II	.0190	U at RL	3
MB 480-603655	trans-Chlordane	.0125	U at RL	none

The RPD of Endosulfan II was outside QC limits between the columns in MB 480-603655/1-A and should be qualified as estimated.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

All criteria were met except the RPD of Endrin aldehyde was outside QC limits between the columns in LPZ-06SMSD and should be qualified as estimated.

The RPD of Endrin aldehyde was outside QC limits between LPZ-06SMS and LPZ-06SMSD and should be qualified as estimated in LPZ-06S and LPZ-06SMS/MSD.

COMPOUND QUANTITATION

All the criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used on all target analytes and surrogates, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

PCB

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank

Nash Rd. LF #932054

SDG# 480-191913-1

- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Surrogate Spikes Recoveries, Initial Calibration and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of DCBP was outside QC limits, low in OW-16 off column ZB-35 and should be qualified as estimated. This column was prime, so all target analytes in this sample should be qualified as estimated.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

All criteria were met.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met except the %D of Aroclor 1268 p 4 was outside QC limits off both columns in ICV 480-581327/30. This target analyte should be qualified as estimated in the blank, spike and samples.

Alternate forms of regression were used on all of the target analytes and surrogates, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except some target analytes(TA) and surrogates were outside QC limits in the continuing calibration. These surrogates and target analytes should be qualified as estimated in the associated blank, spike and samples off the associated column.

Ccal ID	TA/Surrogate	Column	Qualifier	Associated Sample
CCVIS 480-603911/5	DCBP	ZB-5	J	MB/LCS 480-603866, 1-4, 2MS/MSD
CCV 480-603911/8	Aroclor 1268	ZB-35	UJ/J	MB/LCS 480-603866, 1-4, 2MS/MSD
CCV 480-603911/31	DCBP	ZB-5	J	MB/LCS 480-603866, 1-4, 2MS/MSD

Some target analytes were outside laboratory QC limits but were within NFG QC limits, so no further action is required.

Some target analytes were outside QC limits on the confirmatory column, so no further action is required.

METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Blanks
- Laboratory Control Sample
- MS/MSD/Duplicate
- Field Duplicate
- Serial Dilution
- Compound Quantitation
- Calibration

Nash Rd. LF #932054

SDG# 480-191913-1

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Blanks and Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

BLANKS

All criteria were met except a target analyte was detected above the MDL, below the reporting limit in the blank and should be qualified in the associated samples in which it was detected.

Blank ID	Target Analyte	Concentration(ug/L)	Qualifier	Associated Sample
MB 480-604136	Zn	.00193	U at RL	2, 3
MB 480-604136	Zn	.00193	JH	1, 4

LABORATORY CONTROL SAMPLE

All criteria were met.

MS/MSD/DUPLICATE

All criteria were met.

FIELD DUPLICATE

No field duplicate was acquired.

SERIAL DILUTION

All criteria were met.

COMPOUND QUANTITATION

All criteria were met.

CALIBRATION

All criteria were met except the %D of some target analytes was outside QC limits. These target

analytes should be qualified as estimated in the associated samples, blanks and spikes.

Calibration ID	Target Analyte	%D	Qualifier	Associated Sample
CCVL 480-604647/19	Al	71	UJ/J	MB/LCS 480-604136, 1, 2, 2MS
CCVL 480-604647/19	Cd	113	JH	LCS 480-604136, 1, 2MS
CCVL 480-604647/19	Ag	114	JH	LCS 480-604136, 2MS
CCVL 480-604647/29	Al	78	UJ/J	MB/LCS 480-604136, 1-4, 2MS/MSD
CCVL 480-604647/29	Cd	112	JH	LCS 480-604136, 1, 3, 4, 2MS/MSD
CCVL 480-604647/41	Al	76	UJ/J	3, 4, 2MSD

Job Narrative
480-191913-1

Revision (1)

The report has been revised to include ICV data for toxaphene and mirex and the chain of custody has the temperature added.

Receipt

The samples were received on 11/4/2021 3:04 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.3° C.

GC/MS VOA

Method 8260C: The following sample was collected in a properly preserved vial; however, the pH was outside the required criteria when verified by the laboratory. The sample was analyzed outside the 7-day holding time specified for unpreserved samples but within the 14-day holding time specified for preserved samples: OW-13 (480-191913-1).

Method 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: OW-13 (480-191913-1), OW-16 (480-191913-3) and OW-37 (480-191913-4). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA

Method 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: LPZ-06S (480-191913-2[MSD]) and OW-16 (480-191913-3). These results have been reported and qualified.

Method 8270D: The laboratory control sample (LCS) for preparation batch 480-603779 and analytical batch 480-604040 recovered outside control limits for the following surrogate: 2,4,6-Tribromophenol. This surrogate is biased high and no detections were found for associated analytes in the following affected samples: LPZ-06S (480-191913-2), OW-16 (480-191913-3) and OW-37 (480-191913-4). Therefore, the data have been reported.

Method 8270D: The laboratory control sample (LCS) for preparation batch 480-603779 and analytical batch 480-604040 recovered outside control limits for the following surrogate: 2,4,6-Tribromophenol. This surrogate is biased high and detections were found for associated analyte 4-Methylphenol in the following affected samples: OW-13 (480-191913-1). Spike recoveries were within control limits. Therefore, the data have been reported.

Method 8270D: The continuing calibration verification (CCV) associated with batch 480-604220 recovered outside acceptance criteria, low biased, for 2,2'-oxybis[1-chloropropane] and 4-Nitrophenol. A reporting limit (RL) standard was analyzed, and the target analytes were detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

Method 8270D: The following sample was diluted to bring the concentration of target analytes within the calibration range: OW-13 (480-191913-1). Elevated reporting limits (RLs) are provided.

Method 8270D: The laboratory control sample (LCS) for preparation batch 480-603779 and analytical batch 480-604220 recovered outside control limits for the following surrogate: 2,4,6-Tribromophenol. This surrogate is biased high and detections were found for associated analyte 4-Methylphenol in the following affected sample: OW-13 (480-191913-1). Spike recoveries were within control limits. Therefore, the data has been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

Method 8081B: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 480-603655 and analytical batch 480-603799 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected. LPZ-06S (480-191913-2)

Method 8082A: The continuing calibration verification (CCV) associated with batch 480-603911 recovered above the upper control limit for PCB-1268. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: LPZ-06S (480-191913-2).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals

Method 6010C: The Laboratory Control Sample, Matrix Spike, and Matrix Spike Duplicate, LPZ-06S (480-191913-2[MS]), LPZ-06S (480-191913-2[MSD]) and (LCS 480-604136/2-A), for batch 480-604136 were spiked at 2x the standard spike concentration. All spike recoveries are within quality control limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

Method 3510C: Due to the matrix, the initial volume(s) used for the following samples deviated from the standard procedure: OW-13

(480-191913-1) and OW-16 (480-191913-3). The reporting limits (RLs) have been adjusted proportionately.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191913-1

Client Sample ID: OW-13

Lab Sample ID: 480-191913-1

Date Collected: 11/04/21 09:00

Matrix: Water

Date Received: 11/04/21 15:04

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			11/12/21 14:46	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			11/12/21 14:46	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			11/12/21 14:46	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			11/12/21 14:46	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			11/12/21 14:46	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			11/12/21 14:46	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			11/12/21 14:46	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			11/12/21 14:46	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			11/12/21 14:46	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			11/12/21 14:46	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			11/12/21 14:46	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			11/12/21 14:46	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			11/12/21 14:46	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			11/12/21 14:46	2
2-Butanone (MEK)	ND		20	2.6	ug/L			11/12/21 14:46	2
2-Hexanone	ND		10	2.5	ug/L			11/12/21 14:46	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			11/12/21 14:46	2
Acetone	ND		20	6.0	ug/L			11/12/21 14:46	2
Benzene	ND		2.0	0.82	ug/L			11/12/21 14:46	2
Bromodichloromethane	ND		2.0	0.78	ug/L			11/12/21 14:46	2
Bromoform	ND		2.0	0.52	ug/L			11/12/21 14:46	2
Bromomethane	ND		2.0	1.4	ug/L			11/12/21 14:46	2
Carbon disulfide	ND		2.0	0.38	ug/L			11/12/21 14:46	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			11/12/21 14:46	2
Chlorobenzene	ND		2.0	1.5	ug/L			11/12/21 14:46	2
Chloroethane	ND		2.0	0.64	ug/L			11/12/21 14:46	2
Chloroform	ND		2.0	0.68	ug/L			11/12/21 14:46	2
Chloromethane	ND		2.0	0.70	ug/L			11/12/21 14:46	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			11/12/21 14:46	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			11/12/21 14:46	2
Cyclohexane	ND		2.0	0.36	ug/L			11/12/21 14:46	2
Dibromochloromethane	ND		2.0	0.64	ug/L			11/12/21 14:46	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			11/12/21 14:46	2
Ethylbenzene	ND		2.0	1.5	ug/L			11/12/21 14:46	2
Isopropylbenzene	ND		2.0	1.6	ug/L			11/12/21 14:46	2
Methyl acetate	ND		5.0	2.6	ug/L			11/12/21 14:46	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			11/12/21 14:46	2
Methylcyclohexane	ND		2.0	0.32	ug/L			11/12/21 14:46	2
Methylene Chloride	ND		2.0	0.88	ug/L			11/12/21 14:46	2
Styrene	ND		2.0	1.5	ug/L			11/12/21 14:46	2
Tetrachloroethene	ND		2.0	0.72	ug/L			11/12/21 14:46	2
Toluene	ND		2.0	1.0	ug/L			11/12/21 14:46	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			11/12/21 14:46	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			11/12/21 14:46	2
Trichloroethene	ND		2.0	0.92	ug/L			11/12/21 14:46	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			11/12/21 14:46	2
Vinyl chloride	ND		2.0	1.8	ug/L			11/12/21 14:46	2
Xylenes, Total	ND		4.0	1.3	ug/L			11/12/21 14:46	2

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191913-1

Client Sample ID: OW-13

Date Collected: 11/04/21 09:00

Date Received: 11/04/21 15:04

Lab Sample ID: 480-191913-1

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		11/12/21 14:46	2
4-Bromofluorobenzene (Surr)	99		73 - 120		11/12/21 14:46	2
Toluene-d8 (Surr)	101		80 - 120		11/12/21 14:46	2

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/07/21 15:22	11/09/21 17:46	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/07/21 15:22	11/09/21 17:46	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/07/21 15:22	11/09/21 17:46	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/07/21 15:22	11/09/21 17:46	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/07/21 15:22	11/09/21 17:46	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/07/21 15:22	11/09/21 17:46	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/07/21 15:22	11/09/21 17:46	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/07/21 15:22	11/09/21 17:46	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/07/21 15:22	11/09/21 17:46	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/07/21 15:22	11/09/21 17:46	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/07/21 15:22	11/09/21 17:46	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/07/21 15:22	11/09/21 17:46	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/07/21 15:22	11/09/21 17:46	1
2-Nitroaniline	ND		10	0.42	ug/L		11/07/21 15:22	11/09/21 17:46	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/07/21 15:22	11/09/21 17:46	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/07/21 15:22	11/09/21 17:46	1
3-Nitroaniline	ND		10	0.48	ug/L		11/07/21 15:22	11/09/21 17:46	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/07/21 15:22	11/09/21 17:46	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/07/21 15:22	11/09/21 17:46	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/07/21 15:22	11/09/21 17:46	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/07/21 15:22	11/09/21 17:46	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/07/21 15:22	11/09/21 17:46	1
4-Methylphenol	67	E	10	0.36	ug/L		11/07/21 15:22	11/09/21 17:46	1
4-Nitroaniline	ND		10	0.25	ug/L		11/07/21 15:22	11/09/21 17:46	1
4-Nitrophenol	ND		10	1.5	ug/L		11/07/21 15:22	11/09/21 17:46	1
Acenaphthene	ND		5.0	0.41	ug/L		11/07/21 15:22	11/09/21 17:46	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/07/21 15:22	11/09/21 17:46	1
Acetophenone	ND		5.0	0.54	ug/L		11/07/21 15:22	11/09/21 17:46	1
Anthracene	ND		5.0	0.28	ug/L		11/07/21 15:22	11/09/21 17:46	1
Atrazine	ND		5.0	0.46	ug/L		11/07/21 15:22	11/09/21 17:46	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/07/21 15:22	11/09/21 17:46	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/07/21 15:22	11/09/21 17:46	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/07/21 15:22	11/09/21 17:46	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/07/21 15:22	11/09/21 17:46	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/07/21 15:22	11/09/21 17:46	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/07/21 15:22	11/09/21 17:46	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/07/21 15:22	11/09/21 17:46	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/07/21 15:22	11/09/21 17:46	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/07/21 15:22	11/09/21 17:46	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/07/21 15:22	11/09/21 17:46	1
Caprolactam	ND		5.0	2.2	ug/L		11/07/21 15:22	11/09/21 17:46	1
Carbazole	ND		5.0	0.30	ug/L		11/07/21 15:22	11/09/21 17:46	1
Chrysene	ND		5.0	0.33	ug/L		11/07/21 15:22	11/09/21 17:46	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/07/21 15:22	11/09/21 17:46	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191913-1

Client Sample ID: OW-13

Lab Sample ID: 480-191913-1

Date Collected: 11/04/21 09:00

Matrix: Water

Date Received: 11/04/21 15:04

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/07/21 15:22	11/09/21 17:46	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/07/21 15:22	11/09/21 17:46	1
Dibenzofuran	ND		10	0.51	ug/L		11/07/21 15:22	11/09/21 17:46	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/07/21 15:22	11/09/21 17:46	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/07/21 15:22	11/09/21 17:46	1
Fluoranthene	ND		5.0	0.40	ug/L		11/07/21 15:22	11/09/21 17:46	1
Fluorene	ND		5.0	0.36	ug/L		11/07/21 15:22	11/09/21 17:46	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/07/21 15:22	11/09/21 17:46	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/07/21 15:22	11/09/21 17:46	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/07/21 15:22	11/09/21 17:46	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/07/21 15:22	11/09/21 17:46	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/07/21 15:22	11/09/21 17:46	1
Isophorone	ND		5.0	0.43	ug/L		11/07/21 15:22	11/09/21 17:46	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/07/21 15:22	11/09/21 17:46	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/07/21 15:22	11/09/21 17:46	1
Naphthalene	ND		5.0	0.76	ug/L		11/07/21 15:22	11/09/21 17:46	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/07/21 15:22	11/09/21 17:46	1
Pentachlorophenol	ND		10	2.2	ug/L		11/07/21 15:22	11/09/21 17:46	1
Phenanthrene	ND		5.0	0.44	ug/L		11/07/21 15:22	11/09/21 17:46	1
Phenol	3.0	J	5.0	0.39	ug/L		11/07/21 15:22	11/09/21 17:46	1
Pyrene	ND		5.0	0.34	ug/L		11/07/21 15:22	11/09/21 17:46	1
Benzoic acid	ND		150	100	ug/L		11/07/21 15:22	11/09/21 17:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	118		41 - 120	11/07/21 15:22	11/09/21 17:46	1
2-Fluorobiphenyl	88		48 - 120	11/07/21 15:22	11/09/21 17:46	1
2-Fluorophenol	66		35 - 120	11/07/21 15:22	11/09/21 17:46	1
Nitrobenzene-d5	79		46 - 120	11/07/21 15:22	11/09/21 17:46	1
p-Terphenyl-d14	71		60 - 148	11/07/21 15:22	11/09/21 17:46	1
Phenol-d5	51		22 - 120	11/07/21 15:22	11/09/21 17:46	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		25	3.3	ug/L		11/07/21 15:22	11/10/21 15:33	5
bis (2-chloroisopropyl) ether	ND		25	2.6	ug/L		11/07/21 15:22	11/10/21 15:33	5
2,4,5-Trichlorophenol	ND		25	2.4	ug/L		11/07/21 15:22	11/10/21 15:33	5
2,4,6-Trichlorophenol	ND		25	3.1	ug/L		11/07/21 15:22	11/10/21 15:33	5
2,4-Dichlorophenol	ND		25	2.6	ug/L		11/07/21 15:22	11/10/21 15:33	5
2,4-Dimethylphenol	ND		25	2.5	ug/L		11/07/21 15:22	11/10/21 15:33	5
2,4-Dinitrophenol	ND		50	11	ug/L		11/07/21 15:22	11/10/21 15:33	5
2,4-Dinitrotoluene	ND		25	2.2	ug/L		11/07/21 15:22	11/10/21 15:33	5
2,6-Dinitrotoluene	ND		25	2.0	ug/L		11/07/21 15:22	11/10/21 15:33	5
2-Chloronaphthalene	ND		25	2.3	ug/L		11/07/21 15:22	11/10/21 15:33	5
2-Chlorophenol	ND		25	2.7	ug/L		11/07/21 15:22	11/10/21 15:33	5
2-Methylnaphthalene	ND		25	3.0	ug/L		11/07/21 15:22	11/10/21 15:33	5
2-Methylphenol	ND		25	2.0	ug/L		11/07/21 15:22	11/10/21 15:33	5
2-Nitroaniline	ND		50	2.1	ug/L		11/07/21 15:22	11/10/21 15:33	5
2-Nitrophenol	ND		25	2.4	ug/L		11/07/21 15:22	11/10/21 15:33	5
3,3'-Dichlorobenzidine	ND		25	2.0	ug/L		11/07/21 15:22	11/10/21 15:33	5
3-Nitroaniline	ND		50	2.4	ug/L		11/07/21 15:22	11/10/21 15:33	5

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191913-1

Client Sample ID: OW-13

Lab Sample ID: 480-191913-1

Date Collected: 11/04/21 09:00

Matrix: Water

Date Received: 11/04/21 15:04

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,6-Dinitro-2-methylphenol	ND		50	11	ug/L		11/07/21 15:22	11/10/21 15:33	5
4-Bromophenyl phenyl ether	ND		25	2.3	ug/L		11/07/21 15:22	11/10/21 15:33	5
4-Chloro-3-methylphenol	ND		25	2.3	ug/L		11/07/21 15:22	11/10/21 15:33	5
4-Chloroaniline	ND		25	3.0	ug/L		11/07/21 15:22	11/10/21 15:33	5
4-Chlorophenyl phenyl ether	ND		25	1.8	ug/L		11/07/21 15:22	11/10/21 15:33	5
4-Methylphenol	63		50	1.8	ug/L		11/07/21 15:22	11/10/21 15:33	5
4-Nitroaniline	ND		50	1.3	ug/L		11/07/21 15:22	11/10/21 15:33	5
4-Nitrophenol	ND		50	7.6	ug/L		11/07/21 15:22	11/10/21 15:33	5
Acenaphthene	ND		25	2.1	ug/L		11/07/21 15:22	11/10/21 15:33	5
Acenaphthylene	ND		25	1.9	ug/L		11/07/21 15:22	11/10/21 15:33	5
Acetophenone	ND		25	2.7	ug/L		11/07/21 15:22	11/10/21 15:33	5
Anthracene	ND		25	1.4	ug/L		11/07/21 15:22	11/10/21 15:33	5
Atrazine	ND		25	2.3	ug/L		11/07/21 15:22	11/10/21 15:33	5
Benzaldehyde	ND		25	1.3	ug/L		11/07/21 15:22	11/10/21 15:33	5
Benzo(a)anthracene	ND		25	1.8	ug/L		11/07/21 15:22	11/10/21 15:33	5
Benzo(a)pyrene	ND		25	2.4	ug/L		11/07/21 15:22	11/10/21 15:33	5
Benzo(b)fluoranthene	ND		25	1.7	ug/L		11/07/21 15:22	11/10/21 15:33	5
Benzo(g,h,i)perylene	ND		25	1.8	ug/L		11/07/21 15:22	11/10/21 15:33	5
Benzo(k)fluoranthene	ND		25	3.7	ug/L		11/07/21 15:22	11/10/21 15:33	5
Bis(2-chloroethoxy)methane	ND		25	1.8	ug/L		11/07/21 15:22	11/10/21 15:33	5
Bis(2-chloroethyl)ether	ND		25	2.0	ug/L		11/07/21 15:22	11/10/21 15:33	5
Bis(2-ethylhexyl) phthalate	ND		25	11	ug/L		11/07/21 15:22	11/10/21 15:33	5
Butyl benzyl phthalate	ND		25	5.0	ug/L		11/07/21 15:22	11/10/21 15:33	5
Caprolactam	ND		25	11	ug/L		11/07/21 15:22	11/10/21 15:33	5
Carbazole	ND		25	1.5	ug/L		11/07/21 15:22	11/10/21 15:33	5
Chrysene	ND		25	1.7	ug/L		11/07/21 15:22	11/10/21 15:33	5
Di-n-butyl phthalate	ND		25	1.6	ug/L		11/07/21 15:22	11/10/21 15:33	5
Di-n-octyl phthalate	ND		25	2.4	ug/L		11/07/21 15:22	11/10/21 15:33	5
Dibenz(a,h)anthracene	ND		25	2.1	ug/L		11/07/21 15:22	11/10/21 15:33	5
Dibenzofuran	ND		50	2.6	ug/L		11/07/21 15:22	11/10/21 15:33	5
Diethyl phthalate	ND		25	1.1	ug/L		11/07/21 15:22	11/10/21 15:33	5
Dimethyl phthalate	ND		25	1.8	ug/L		11/07/21 15:22	11/10/21 15:33	5
Fluoranthene	ND		25	2.0	ug/L		11/07/21 15:22	11/10/21 15:33	5
Fluorene	ND		25	1.8	ug/L		11/07/21 15:22	11/10/21 15:33	5
Hexachlorobenzene	ND		25	2.6	ug/L		11/07/21 15:22	11/10/21 15:33	5
Hexachlorobutadiene	ND		25	3.4	ug/L		11/07/21 15:22	11/10/21 15:33	5
Hexachlorocyclopentadiene	ND		25	3.0	ug/L		11/07/21 15:22	11/10/21 15:33	5
Hexachloroethane	ND		25	3.0	ug/L		11/07/21 15:22	11/10/21 15:33	5
Indeno(1,2,3-cd)pyrene	ND		25	2.4	ug/L		11/07/21 15:22	11/10/21 15:33	5
Isophorone	ND		25	2.2	ug/L		11/07/21 15:22	11/10/21 15:33	5
N-Nitrosodi-n-propylamine	ND		25	2.7	ug/L		11/07/21 15:22	11/10/21 15:33	5
N-Nitrosodiphenylamine	ND		25	2.6	ug/L		11/07/21 15:22	11/10/21 15:33	5
Naphthalene	ND		25	3.8	ug/L		11/07/21 15:22	11/10/21 15:33	5
Nitrobenzene	ND		25	1.5	ug/L		11/07/21 15:22	11/10/21 15:33	5
Pentachlorophenol	ND		50	11	ug/L		11/07/21 15:22	11/10/21 15:33	5
Phenanthrene	ND		25	2.2	ug/L		11/07/21 15:22	11/10/21 15:33	5
Phenol	2.9 J		25	2.0	ug/L		11/07/21 15:22	11/10/21 15:33	5
Pyrene	ND		25	1.7	ug/L		11/07/21 15:22	11/10/21 15:33	5
Benzoic acid	ND		750	500	ug/L		11/07/21 15:22	11/10/21 15:33	5

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191913-1

Client Sample ID: OW-13

Date Collected: 11/04/21 09:00

Date Received: 11/04/21 15:04

Lab Sample ID: 480-191913-1

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	95		41 - 120	11/07/21 15:22	11/10/21 15:33	5
2-Fluorobiphenyl	95		48 - 120	11/07/21 15:22	11/10/21 15:33	5
2-Fluorophenol	63		35 - 120	11/07/21 15:22	11/10/21 15:33	5
Nitrobenzene-d5	76		46 - 120	11/07/21 15:22	11/10/21 15:33	5
p-Terphenyl-d14	72		60 - 148	11/07/21 15:22	11/10/21 15:33	5
Phenol-d5	44		22 - 120	11/07/21 15:22	11/10/21 15:33	5

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.25	0.046	ug/L		11/05/21 14:20	11/08/21 10:58	1
4,4'-DDE	ND		0.25	0.058	ug/L		11/05/21 14:20	11/08/21 10:58	1
4,4'-DDT	ND		0.25	0.055	ug/L		11/05/21 14:20	11/08/21 10:58	1
Aldrin	ND		0.25	0.041	ug/L		11/05/21 14:20	11/08/21 10:58	1
alpha-BHC	ND		0.25	0.039	ug/L		11/05/21 14:20	11/08/21 10:58	1
cis-Chlordane	ND		0.25	0.074	ug/L		11/05/21 14:20	11/08/21 10:58	1
beta-BHC	ND		0.25	0.12	ug/L		11/05/21 14:20	11/08/21 10:58	1
delta-BHC	ND		0.25	0.050	ug/L		11/05/21 14:20	11/08/21 10:58	1
Dieldrin	ND		0.25	0.049	ug/L		11/05/21 14:20	11/08/21 10:58	1
Endosulfan I	ND		0.25	0.055	ug/L		11/05/21 14:20	11/08/21 10:58	1
Endosulfan II	ND		0.25	0.060	ug/L		11/05/21 14:20	11/08/21 10:58	1
Endosulfan sulfate	ND		0.25	0.079	ug/L		11/05/21 14:20	11/08/21 10:58	1
Endrin	ND		0.25	0.069	ug/L		11/05/21 14:20	11/08/21 10:58	1
Endrin aldehyde	ND		0.25	0.082	ug/L		11/05/21 14:20	11/08/21 10:58	1
Endrin ketone	ND		0.25	0.060	ug/L		11/05/21 14:20	11/08/21 10:58	1
gamma-BHC (Lindane)	ND		0.25	0.040	ug/L		11/05/21 14:20	11/08/21 10:58	1
trans-Chlordane	ND		0.25	0.055	ug/L		11/05/21 14:20	11/08/21 10:58	1
Heptachlor	ND		0.25	0.043	ug/L		11/05/21 14:20	11/08/21 10:58	1
Heptachlor epoxide	ND		0.25	0.037	ug/L		11/05/21 14:20	11/08/21 10:58	1
Methoxychlor	ND		0.25	0.071	ug/L		11/05/21 14:20	11/08/21 10:58	1
Toxaphene	ND		2.5	0.60	ug/L		11/05/21 14:20	11/08/21 10:58	1
Mirex	ND		0.25	0.048	ug/L		11/05/21 14:20	11/08/21 10:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	61		20 - 120	11/05/21 14:20	11/08/21 10:58	1
DCB Decachlorobiphenyl	52		20 - 120	11/05/21 14:20	11/08/21 10:58	1
Tetrachloro-m-xylene	77		44 - 120	11/05/21 14:20	11/08/21 10:58	1
Tetrachloro-m-xylene	74		44 - 120	11/05/21 14:20	11/08/21 10:58	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 23:01	1
PCB-1221	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 23:01	1
PCB-1232	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 23:01	1
PCB-1242	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 23:01	1
PCB-1248	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 23:01	1
PCB-1254	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 23:01	1
PCB-1260	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 23:01	1
PCB-1262	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 23:01	1
PCB-1268	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 23:01	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191913-1

Client Sample ID: OW-13

Date Collected: 11/04/21 09:00

Date Received: 11/04/21 15:04

Lab Sample ID: 480-191913-1

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	66		39 - 121	11/08/21 10:26	11/08/21 23:01	1
Tetrachloro-m-xylene	71		39 - 121	11/08/21 10:26	11/08/21 23:01	1
DCB Decachlorobiphenyl	79		19 - 120	11/08/21 10:26	11/08/21 23:01	1
DCB Decachlorobiphenyl	45		19 - 120	11/08/21 10:26	11/08/21 23:01	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.12	J	0.20	0.060	mg/L		11/10/21 09:20	11/11/21 20:47	1
Antimony	ND		0.020	0.0068	mg/L		11/10/21 09:20	11/11/21 20:47	1
Arsenic	0.039		0.015	0.0056	mg/L		11/10/21 09:20	11/11/21 20:47	1
Barium	0.37		0.0020	0.00070	mg/L		11/10/21 09:20	11/11/21 20:47	1
Beryllium	ND		0.0020	0.00030	mg/L		11/10/21 09:20	11/11/21 20:47	1
Cadmium	0.0012	J	0.0020	0.00050	mg/L		11/10/21 09:20	11/11/21 20:47	1
Calcium	458		0.50	0.10	mg/L		11/10/21 09:20	11/11/21 20:47	1
Chromium	0.0035	J	0.0040	0.0010	mg/L		11/10/21 09:20	11/11/21 20:47	1
Cobalt	0.0058		0.0040	0.00063	mg/L		11/10/21 09:20	11/11/21 20:47	1
Copper	0.013		0.010	0.0016	mg/L		11/10/21 09:20	11/11/21 20:47	1
Iron	47.4		0.050	0.019	mg/L		11/10/21 09:20	11/11/21 20:47	1
Lead	0.015		0.010	0.0030	mg/L		11/10/21 09:20	11/11/21 20:47	1
Magnesium	167		0.20	0.043	mg/L		11/10/21 09:20	11/11/21 20:47	1
Manganese	2.4		0.0030	0.00040	mg/L		11/10/21 09:20	11/11/21 20:47	1
Nickel	0.012		0.010	0.0013	mg/L		11/10/21 09:20	11/11/21 20:47	1
Potassium	22.6		0.50	0.10	mg/L		11/10/21 09:20	11/11/21 20:47	1
Selenium	ND		0.025	0.0087	mg/L		11/10/21 09:20	11/11/21 20:47	1
Silver	ND		0.0060	0.0017	mg/L		11/10/21 09:20	11/11/21 20:47	1
Sodium	83.9		1.0	0.32	mg/L		11/10/21 09:20	11/11/21 20:47	1
Thallium	ND		0.020	0.010	mg/L		11/10/21 09:20	11/11/21 20:47	1
Vanadium	0.0040	J	0.0050	0.0015	mg/L		11/10/21 09:20	11/11/21 20:47	1
Zinc	0.093	B	0.010	0.0015	mg/L		11/10/21 09:20	11/11/21 20:47	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000067	J	0.00020	0.000043	mg/L		11/11/21 10:58	11/11/21 15:03	1

Client Sample ID: LPZ-06S

Date Collected: 11/04/21 10:00

Date Received: 11/04/21 15:04

Lab Sample ID: 480-191913-2

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/12/21 15:09	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/12/21 15:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/12/21 15:09	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/12/21 15:09	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/12/21 15:09	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/12/21 15:09	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/12/21 15:09	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/12/21 15:09	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/12/21 15:09	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/12/21 15:09	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/12/21 15:09	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191913-1

Client Sample ID: LPZ-06S

Lab Sample ID: 480-191913-2

Date Collected: 11/04/21 10:00

Matrix: Water

Date Received: 11/04/21 15:04

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/12/21 15:09	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/12/21 15:09	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/12/21 15:09	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/12/21 15:09	1
2-Hexanone	ND		5.0	1.2	ug/L			11/12/21 15:09	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/12/21 15:09	1
Acetone	ND		10	3.0	ug/L			11/12/21 15:09	1
Benzene	ND		1.0	0.41	ug/L			11/12/21 15:09	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/12/21 15:09	1
Bromoform	ND		1.0	0.26	ug/L			11/12/21 15:09	1
Bromomethane	ND		1.0	0.69	ug/L			11/12/21 15:09	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/12/21 15:09	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/12/21 15:09	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/12/21 15:09	1
Chloroethane	ND		1.0	0.32	ug/L			11/12/21 15:09	1
Chloroform	ND		1.0	0.34	ug/L			11/12/21 15:09	1
Chloromethane	ND		1.0	0.35	ug/L			11/12/21 15:09	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/12/21 15:09	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/12/21 15:09	1
Cyclohexane	ND		1.0	0.18	ug/L			11/12/21 15:09	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/12/21 15:09	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/12/21 15:09	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/12/21 15:09	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/12/21 15:09	1
Methyl acetate	ND		2.5	1.3	ug/L			11/12/21 15:09	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/12/21 15:09	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/12/21 15:09	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/12/21 15:09	1
Styrene	ND		1.0	0.73	ug/L			11/12/21 15:09	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/12/21 15:09	1
Toluene	ND		1.0	0.51	ug/L			11/12/21 15:09	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/12/21 15:09	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/12/21 15:09	1
Trichloroethene	ND		1.0	0.46	ug/L			11/12/21 15:09	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/12/21 15:09	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/12/21 15:09	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/12/21 15:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		11/12/21 15:09	1
4-Bromofluorobenzene (Surr)	98		73 - 120		11/12/21 15:09	1
Toluene-d8 (Surr)	96		80 - 120		11/12/21 15:09	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/07/21 15:22	11/09/21 15:59	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/07/21 15:22	11/09/21 15:59	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/07/21 15:22	11/09/21 15:59	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/07/21 15:22	11/09/21 15:59	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/07/21 15:22	11/09/21 15:59	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191913-1

Client Sample ID: LPZ-06S

Lab Sample ID: 480-191913-2

Date Collected: 11/04/21 10:00

Matrix: Water

Date Received: 11/04/21 15:04

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/07/21 15:22	11/09/21 15:59	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/07/21 15:22	11/09/21 15:59	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/07/21 15:22	11/09/21 15:59	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/07/21 15:22	11/09/21 15:59	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/07/21 15:22	11/09/21 15:59	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/07/21 15:22	11/09/21 15:59	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/07/21 15:22	11/09/21 15:59	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/07/21 15:22	11/09/21 15:59	1
2-Nitroaniline	ND		10	0.42	ug/L		11/07/21 15:22	11/09/21 15:59	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/07/21 15:22	11/09/21 15:59	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/07/21 15:22	11/09/21 15:59	1
3-Nitroaniline	ND		10	0.48	ug/L		11/07/21 15:22	11/09/21 15:59	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/07/21 15:22	11/09/21 15:59	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/07/21 15:22	11/09/21 15:59	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/07/21 15:22	11/09/21 15:59	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/07/21 15:22	11/09/21 15:59	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/07/21 15:22	11/09/21 15:59	1
4-Methylphenol	ND		10	0.36	ug/L		11/07/21 15:22	11/09/21 15:59	1
4-Nitroaniline	ND		10	0.25	ug/L		11/07/21 15:22	11/09/21 15:59	1
4-Nitrophenol	ND		10	1.5	ug/L		11/07/21 15:22	11/09/21 15:59	1
Acenaphthene	ND		5.0	0.41	ug/L		11/07/21 15:22	11/09/21 15:59	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/07/21 15:22	11/09/21 15:59	1
Acetophenone	ND		5.0	0.54	ug/L		11/07/21 15:22	11/09/21 15:59	1
Anthracene	ND		5.0	0.28	ug/L		11/07/21 15:22	11/09/21 15:59	1
Atrazine	ND		5.0	0.46	ug/L		11/07/21 15:22	11/09/21 15:59	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/07/21 15:22	11/09/21 15:59	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/07/21 15:22	11/09/21 15:59	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/07/21 15:22	11/09/21 15:59	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/07/21 15:22	11/09/21 15:59	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/07/21 15:22	11/09/21 15:59	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/07/21 15:22	11/09/21 15:59	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/07/21 15:22	11/09/21 15:59	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/07/21 15:22	11/09/21 15:59	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/07/21 15:22	11/09/21 15:59	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/07/21 15:22	11/09/21 15:59	1
Caprolactam	ND		5.0	2.2	ug/L		11/07/21 15:22	11/09/21 15:59	1
Carbazole	ND		5.0	0.30	ug/L		11/07/21 15:22	11/09/21 15:59	1
Chrysene	ND		5.0	0.33	ug/L		11/07/21 15:22	11/09/21 15:59	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/07/21 15:22	11/09/21 15:59	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/07/21 15:22	11/09/21 15:59	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/07/21 15:22	11/09/21 15:59	1
Dibenzofuran	ND		10	0.51	ug/L		11/07/21 15:22	11/09/21 15:59	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/07/21 15:22	11/09/21 15:59	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/07/21 15:22	11/09/21 15:59	1
Fluoranthene	ND		5.0	0.40	ug/L		11/07/21 15:22	11/09/21 15:59	1
Fluorene	ND		5.0	0.36	ug/L		11/07/21 15:22	11/09/21 15:59	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/07/21 15:22	11/09/21 15:59	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/07/21 15:22	11/09/21 15:59	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/07/21 15:22	11/09/21 15:59	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191913-1

Client Sample ID: LPZ-06S

Lab Sample ID: 480-191913-2

Date Collected: 11/04/21 10:00

Matrix: Water

Date Received: 11/04/21 15:04

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	ND		5.0	0.59	ug/L		11/07/21 15:22	11/09/21 15:59	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/07/21 15:22	11/09/21 15:59	1
Isophorone	ND		5.0	0.43	ug/L		11/07/21 15:22	11/09/21 15:59	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/07/21 15:22	11/09/21 15:59	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/07/21 15:22	11/09/21 15:59	1
Naphthalene	ND		5.0	0.76	ug/L		11/07/21 15:22	11/09/21 15:59	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/07/21 15:22	11/09/21 15:59	1
Pentachlorophenol	ND		10	2.2	ug/L		11/07/21 15:22	11/09/21 15:59	1
Phenanthrene	ND		5.0	0.44	ug/L		11/07/21 15:22	11/09/21 15:59	1
Phenol	ND		5.0	0.39	ug/L		11/07/21 15:22	11/09/21 15:59	1
Pyrene	ND		5.0	0.34	ug/L		11/07/21 15:22	11/09/21 15:59	1
Benzoic acid	ND		150	100	ug/L		11/07/21 15:22	11/09/21 15:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	83		41 - 120	11/07/21 15:22	11/09/21 15:59	1
2-Fluorobiphenyl	97		48 - 120	11/07/21 15:22	11/09/21 15:59	1
2-Fluorophenol	63		35 - 120	11/07/21 15:22	11/09/21 15:59	1
Nitrobenzene-d5	78		46 - 120	11/07/21 15:22	11/09/21 15:59	1
p-Terphenyl-d14	83		60 - 148	11/07/21 15:22	11/09/21 15:59	1
Phenol-d5	50		22 - 120	11/07/21 15:22	11/09/21 15:59	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/05/21 14:20	11/08/21 10:39	1
4,4'-DDE	ND		0.050	0.012	ug/L		11/05/21 14:20	11/08/21 10:39	1
4,4'-DDT	ND		0.050	0.011	ug/L		11/05/21 14:20	11/08/21 10:39	1
Aldrin	ND		0.050	0.0081	ug/L		11/05/21 14:20	11/08/21 10:39	1
alpha-BHC	ND		0.050	0.0077	ug/L		11/05/21 14:20	11/08/21 10:39	1
cis-Chlordane	ND		0.050	0.015	ug/L		11/05/21 14:20	11/08/21 10:39	1
beta-BHC	ND		0.050	0.025	ug/L		11/05/21 14:20	11/08/21 10:39	1
delta-BHC	ND		0.050	0.010	ug/L		11/05/21 14:20	11/08/21 10:39	1
Dieldrin	ND		0.050	0.0098	ug/L		11/05/21 14:20	11/08/21 10:39	1
Endosulfan I	ND		0.050	0.011	ug/L		11/05/21 14:20	11/08/21 10:39	1
Endosulfan II	ND		0.050	0.012	ug/L		11/05/21 14:20	11/08/21 10:39	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		11/05/21 14:20	11/08/21 10:39	1
Endrin	ND		0.050	0.014	ug/L		11/05/21 14:20	11/08/21 10:39	1
Endrin aldehyde	ND	F2	0.050	0.016	ug/L		11/05/21 14:20	11/08/21 10:39	1
Endrin ketone	ND		0.050	0.012	ug/L		11/05/21 14:20	11/08/21 10:39	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		11/05/21 14:20	11/08/21 10:39	1
trans-Chlordane	ND		0.050	0.011	ug/L		11/05/21 14:20	11/08/21 10:39	1
Heptachlor	ND		0.050	0.0085	ug/L		11/05/21 14:20	11/08/21 10:39	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		11/05/21 14:20	11/08/21 10:39	1
Methoxychlor	ND		0.050	0.014	ug/L		11/05/21 14:20	11/08/21 10:39	1
Toxaphene	ND		0.50	0.12	ug/L		11/05/21 14:20	11/08/21 10:39	1
Mirex	ND		0.050	0.0096	ug/L		11/05/21 14:20	11/08/21 10:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	67		20 - 120	11/05/21 14:20	11/08/21 10:39	1
DCB Decachlorobiphenyl	62		20 - 120	11/05/21 14:20	11/08/21 10:39	1
Tetrachloro-m-xylene	86		44 - 120	11/05/21 14:20	11/08/21 10:39	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191913-1

Client Sample ID: LPZ-06S

Lab Sample ID: 480-191913-2

Date Collected: 11/04/21 10:00

Matrix: Water

Date Received: 11/04/21 15:04

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	79		44 - 120	11/05/21 14:20	11/08/21 10:39	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.52	0.18	ug/L		11/08/21 10:26	11/08/21 19:38	1
PCB-1221	ND		0.52	0.18	ug/L		11/08/21 10:26	11/08/21 19:38	1
PCB-1232	ND		0.52	0.18	ug/L		11/08/21 10:26	11/08/21 19:38	1
PCB-1242	ND		0.52	0.18	ug/L		11/08/21 10:26	11/08/21 19:38	1
PCB-1248	ND		0.52	0.18	ug/L		11/08/21 10:26	11/08/21 19:38	1
PCB-1254	ND		0.52	0.26	ug/L		11/08/21 10:26	11/08/21 19:38	1
PCB-1260	ND		0.52	0.26	ug/L		11/08/21 10:26	11/08/21 19:38	1
PCB-1262	ND		0.52	0.26	ug/L		11/08/21 10:26	11/08/21 19:38	1
PCB-1268	ND		0.52	0.26	ug/L		11/08/21 10:26	11/08/21 19:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	52		39 - 121	11/08/21 10:26	11/08/21 19:38	1
Tetrachloro-m-xylene	54		39 - 121	11/08/21 10:26	11/08/21 19:38	1
DCB Decachlorobiphenyl	79		19 - 120	11/08/21 10:26	11/08/21 19:38	1
DCB Decachlorobiphenyl	51		19 - 120	11/08/21 10:26	11/08/21 19:38	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/10/21 09:20	11/11/21 20:50	1
Antimony	ND		0.020	0.0068	mg/L		11/10/21 09:20	11/11/21 20:50	1
Arsenic	ND		0.015	0.0056	mg/L		11/10/21 09:20	11/11/21 20:50	1
Barium	0.041		0.0020	0.00070	mg/L		11/10/21 09:20	11/11/21 20:50	1
Beryllium	ND		0.0020	0.00030	mg/L		11/10/21 09:20	11/11/21 20:50	1
Cadmium	ND		0.0020	0.00050	mg/L		11/10/21 09:20	11/11/21 20:50	1
Calcium	184		0.50	0.10	mg/L		11/10/21 09:20	11/11/21 20:50	1
Chromium	ND		0.0040	0.0010	mg/L		11/10/21 09:20	11/11/21 20:50	1
Cobalt	ND		0.0040	0.00063	mg/L		11/10/21 09:20	11/11/21 20:50	1
Copper	ND		0.010	0.0016	mg/L		11/10/21 09:20	11/11/21 20:50	1
Iron	0.055		0.050	0.019	mg/L		11/10/21 09:20	11/11/21 20:50	1
Lead	ND		0.010	0.0030	mg/L		11/10/21 09:20	11/11/21 20:50	1
Magnesium	60.3		0.20	0.043	mg/L		11/10/21 09:20	11/11/21 20:50	1
Manganese	0.059		0.0030	0.00040	mg/L		11/10/21 09:20	11/11/21 20:50	1
Nickel	ND		0.010	0.0013	mg/L		11/10/21 09:20	11/11/21 20:50	1
Potassium	2.2		0.50	0.10	mg/L		11/10/21 09:20	11/11/21 20:50	1
Selenium	ND		0.025	0.0087	mg/L		11/10/21 09:20	11/11/21 20:50	1
Silver	ND		0.0060	0.0017	mg/L		11/10/21 09:20	11/11/21 20:50	1
Sodium	40.1		1.0	0.32	mg/L		11/10/21 09:20	11/11/21 20:50	1
Thallium	ND		0.020	0.010	mg/L		11/10/21 09:20	11/11/21 20:50	1
Vanadium	ND		0.0050	0.0015	mg/L		11/10/21 09:20	11/11/21 20:50	1
Zinc	0.0037	J B	0.010	0.0015	mg/L		11/10/21 09:20	11/11/21 20:50	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		11/11/21 10:58	11/11/21 15:04	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191913-1

Client Sample ID: OW-16

Lab Sample ID: 480-191913-3

Date Collected: 11/04/21 13:05

Matrix: Water

Date Received: 11/04/21 15:04

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			11/12/21 15:32	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			11/12/21 15:32	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			11/12/21 15:32	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			11/12/21 15:32	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			11/12/21 15:32	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			11/12/21 15:32	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			11/12/21 15:32	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			11/12/21 15:32	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			11/12/21 15:32	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			11/12/21 15:32	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			11/12/21 15:32	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			11/12/21 15:32	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			11/12/21 15:32	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			11/12/21 15:32	4
2-Butanone (MEK)	ND		40	5.3	ug/L			11/12/21 15:32	4
2-Hexanone	ND		20	5.0	ug/L			11/12/21 15:32	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			11/12/21 15:32	4
Acetone	ND		40	12	ug/L			11/12/21 15:32	4
Benzene	ND		4.0	1.6	ug/L			11/12/21 15:32	4
Bromodichloromethane	ND		4.0	1.6	ug/L			11/12/21 15:32	4
Bromoform	ND		4.0	1.0	ug/L			11/12/21 15:32	4
Bromomethane	ND		4.0	2.8	ug/L			11/12/21 15:32	4
Carbon disulfide	ND		4.0	0.76	ug/L			11/12/21 15:32	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			11/12/21 15:32	4
Chlorobenzene	7.8		4.0	3.0	ug/L			11/12/21 15:32	4
Chloroethane	ND		4.0	1.3	ug/L			11/12/21 15:32	4
Chloroform	ND		4.0	1.4	ug/L			11/12/21 15:32	4
Chloromethane	ND		4.0	1.4	ug/L			11/12/21 15:32	4
cis-1,2-Dichloroethene	ND		4.0	3.2	ug/L			11/12/21 15:32	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			11/12/21 15:32	4
Cyclohexane	ND		4.0	0.72	ug/L			11/12/21 15:32	4
Dibromochloromethane	ND		4.0	1.3	ug/L			11/12/21 15:32	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			11/12/21 15:32	4
Ethylbenzene	ND		4.0	3.0	ug/L			11/12/21 15:32	4
Isopropylbenzene	ND		4.0	3.2	ug/L			11/12/21 15:32	4
Methyl acetate	ND		10	5.2	ug/L			11/12/21 15:32	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			11/12/21 15:32	4
Methylcyclohexane	ND		4.0	0.64	ug/L			11/12/21 15:32	4
Methylene Chloride	ND		4.0	1.8	ug/L			11/12/21 15:32	4
Styrene	ND		4.0	2.9	ug/L			11/12/21 15:32	4
Tetrachloroethene	ND		4.0	1.4	ug/L			11/12/21 15:32	4
Toluene	12		4.0	2.0	ug/L			11/12/21 15:32	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			11/12/21 15:32	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			11/12/21 15:32	4
Trichloroethene	ND		4.0	1.8	ug/L			11/12/21 15:32	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			11/12/21 15:32	4
Vinyl chloride	ND		4.0	3.6	ug/L			11/12/21 15:32	4
Xylenes, Total	ND		8.0	2.6	ug/L			11/12/21 15:32	4

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191913-1

Client Sample ID: OW-16

Date Collected: 11/04/21 13:05

Date Received: 11/04/21 15:04

Lab Sample ID: 480-191913-3

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		11/12/21 15:32	4
4-Bromofluorobenzene (Surr)	105		73 - 120		11/12/21 15:32	4
Toluene-d8 (Surr)	102		80 - 120		11/12/21 15:32	4

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/07/21 15:22	11/09/21 18:13	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/07/21 15:22	11/09/21 18:13	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/07/21 15:22	11/09/21 18:13	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/07/21 15:22	11/09/21 18:13	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/07/21 15:22	11/09/21 18:13	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/07/21 15:22	11/09/21 18:13	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/07/21 15:22	11/09/21 18:13	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/07/21 15:22	11/09/21 18:13	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/07/21 15:22	11/09/21 18:13	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/07/21 15:22	11/09/21 18:13	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/07/21 15:22	11/09/21 18:13	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/07/21 15:22	11/09/21 18:13	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/07/21 15:22	11/09/21 18:13	1
2-Nitroaniline	ND		10	0.42	ug/L		11/07/21 15:22	11/09/21 18:13	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/07/21 15:22	11/09/21 18:13	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/07/21 15:22	11/09/21 18:13	1
3-Nitroaniline	ND		10	0.48	ug/L		11/07/21 15:22	11/09/21 18:13	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/07/21 15:22	11/09/21 18:13	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/07/21 15:22	11/09/21 18:13	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/07/21 15:22	11/09/21 18:13	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/07/21 15:22	11/09/21 18:13	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/07/21 15:22	11/09/21 18:13	1
4-Methylphenol	ND		10	0.36	ug/L		11/07/21 15:22	11/09/21 18:13	1
4-Nitroaniline	ND		10	0.25	ug/L		11/07/21 15:22	11/09/21 18:13	1
4-Nitrophenol	ND		10	1.5	ug/L		11/07/21 15:22	11/09/21 18:13	1
Acenaphthene	ND		5.0	0.41	ug/L		11/07/21 15:22	11/09/21 18:13	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/07/21 15:22	11/09/21 18:13	1
Acetophenone	ND		5.0	0.54	ug/L		11/07/21 15:22	11/09/21 18:13	1
Anthracene	ND		5.0	0.28	ug/L		11/07/21 15:22	11/09/21 18:13	1
Atrazine	ND		5.0	0.46	ug/L		11/07/21 15:22	11/09/21 18:13	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/07/21 15:22	11/09/21 18:13	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/07/21 15:22	11/09/21 18:13	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/07/21 15:22	11/09/21 18:13	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/07/21 15:22	11/09/21 18:13	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/07/21 15:22	11/09/21 18:13	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/07/21 15:22	11/09/21 18:13	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/07/21 15:22	11/09/21 18:13	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/07/21 15:22	11/09/21 18:13	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/07/21 15:22	11/09/21 18:13	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/07/21 15:22	11/09/21 18:13	1
Caprolactam	ND		5.0	2.2	ug/L		11/07/21 15:22	11/09/21 18:13	1
Carbazole	ND		5.0	0.30	ug/L		11/07/21 15:22	11/09/21 18:13	1
Chrysene	ND		5.0	0.33	ug/L		11/07/21 15:22	11/09/21 18:13	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/07/21 15:22	11/09/21 18:13	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191913-1

Client Sample ID: OW-16

Lab Sample ID: 480-191913-3

Date Collected: 11/04/21 13:05

Matrix: Water

Date Received: 11/04/21 15:04

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/07/21 15:22	11/09/21 18:13	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/07/21 15:22	11/09/21 18:13	1
Dibenzofuran	ND		10	0.51	ug/L		11/07/21 15:22	11/09/21 18:13	1
Diethyl phthalate	0.37	J	5.0	0.22	ug/L		11/07/21 15:22	11/09/21 18:13	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/07/21 15:22	11/09/21 18:13	1
Fluoranthene	ND		5.0	0.40	ug/L		11/07/21 15:22	11/09/21 18:13	1
Fluorene	ND		5.0	0.36	ug/L		11/07/21 15:22	11/09/21 18:13	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/07/21 15:22	11/09/21 18:13	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/07/21 15:22	11/09/21 18:13	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/07/21 15:22	11/09/21 18:13	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/07/21 15:22	11/09/21 18:13	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/07/21 15:22	11/09/21 18:13	1
Isophorone	ND		5.0	0.43	ug/L		11/07/21 15:22	11/09/21 18:13	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/07/21 15:22	11/09/21 18:13	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/07/21 15:22	11/09/21 18:13	1
Naphthalene	ND		5.0	0.76	ug/L		11/07/21 15:22	11/09/21 18:13	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/07/21 15:22	11/09/21 18:13	1
Pentachlorophenol	ND		10	2.2	ug/L		11/07/21 15:22	11/09/21 18:13	1
Phenanthrene	ND		5.0	0.44	ug/L		11/07/21 15:22	11/09/21 18:13	1
Phenol	ND		5.0	0.39	ug/L		11/07/21 15:22	11/09/21 18:13	1
Pyrene	ND		5.0	0.34	ug/L		11/07/21 15:22	11/09/21 18:13	1
Benzoic acid	ND		150	100	ug/L		11/07/21 15:22	11/09/21 18:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	141	S1+	41 - 120	11/07/21 15:22	11/09/21 18:13	1
2-Fluorobiphenyl	102		48 - 120	11/07/21 15:22	11/09/21 18:13	1
2-Fluorophenol	75		35 - 120	11/07/21 15:22	11/09/21 18:13	1
Nitrobenzene-d5	87		46 - 120	11/07/21 15:22	11/09/21 18:13	1
p-Terphenyl-d14	83		60 - 148	11/07/21 15:22	11/09/21 18:13	1
Phenol-d5	59		22 - 120	11/07/21 15:22	11/09/21 18:13	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.25	0.046	ug/L		11/05/21 14:20	11/08/21 11:18	1
4,4'-DDE	ND		0.25	0.058	ug/L		11/05/21 14:20	11/08/21 11:18	1
4,4'-DDT	ND		0.25	0.055	ug/L		11/05/21 14:20	11/08/21 11:18	1
Aldrin	ND		0.25	0.041	ug/L		11/05/21 14:20	11/08/21 11:18	1
alpha-BHC	ND		0.25	0.039	ug/L		11/05/21 14:20	11/08/21 11:18	1
cis-Chlordane	ND		0.25	0.074	ug/L		11/05/21 14:20	11/08/21 11:18	1
beta-BHC	ND		0.25	0.12	ug/L		11/05/21 14:20	11/08/21 11:18	1
delta-BHC	ND		0.25	0.050	ug/L		11/05/21 14:20	11/08/21 11:18	1
Dieldrin	ND		0.25	0.049	ug/L		11/05/21 14:20	11/08/21 11:18	1
Endosulfan I	ND		0.25	0.055	ug/L		11/05/21 14:20	11/08/21 11:18	1
Endosulfan II	0.12	J B	0.25	0.060	ug/L		11/05/21 14:20	11/08/21 11:18	1
Endosulfan sulfate	ND		0.25	0.079	ug/L		11/05/21 14:20	11/08/21 11:18	1
Endrin	ND		0.25	0.069	ug/L		11/05/21 14:20	11/08/21 11:18	1
Endrin aldehyde	ND		0.25	0.082	ug/L		11/05/21 14:20	11/08/21 11:18	1
Endrin ketone	ND		0.25	0.060	ug/L		11/05/21 14:20	11/08/21 11:18	1
gamma-BHC (Lindane)	ND		0.25	0.040	ug/L		11/05/21 14:20	11/08/21 11:18	1
trans-Chlordane	ND		0.25	0.055	ug/L		11/05/21 14:20	11/08/21 11:18	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191913-1

Client Sample ID: OW-16

Lab Sample ID: 480-191913-3

Date Collected: 11/04/21 13:05

Matrix: Water

Date Received: 11/04/21 15:04

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.25	0.043	ug/L		11/05/21 14:20	11/08/21 11:18	1
Heptachlor epoxide	ND		0.25	0.037	ug/L		11/05/21 14:20	11/08/21 11:18	1
Methoxychlor	ND		0.25	0.071	ug/L		11/05/21 14:20	11/08/21 11:18	1
Toxaphene	ND		2.5	0.60	ug/L		11/05/21 14:20	11/08/21 11:18	1
Mirex	ND		0.25	0.048	ug/L		11/05/21 14:20	11/08/21 11:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	59		20 - 120	11/05/21 14:20	11/08/21 11:18	1
DCB Decachlorobiphenyl	48		20 - 120	11/05/21 14:20	11/08/21 11:18	1
Tetrachloro-m-xylene	77		44 - 120	11/05/21 14:20	11/08/21 11:18	1
Tetrachloro-m-xylene	77		44 - 120	11/05/21 14:20	11/08/21 11:18	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 23:14	1
PCB-1221	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 23:14	1
PCB-1232	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 23:14	1
PCB-1242	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 23:14	1
PCB-1248	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 23:14	1
PCB-1254	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 23:14	1
PCB-1260	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 23:14	1
PCB-1262	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 23:14	1
PCB-1268	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 23:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	57		39 - 121	11/08/21 10:26	11/08/21 23:14	1
Tetrachloro-m-xylene	63		39 - 121	11/08/21 10:26	11/08/21 23:14	1
DCB Decachlorobiphenyl	54		19 - 120	11/08/21 10:26	11/08/21 23:14	1
DCB Decachlorobiphenyl	27		19 - 120	11/08/21 10:26	11/08/21 23:14	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/10/21 09:20	11/11/21 21:20	1
Antimony	ND		0.020	0.0068	mg/L		11/10/21 09:20	11/11/21 21:20	1
Arsenic	ND		0.015	0.0056	mg/L		11/10/21 09:20	11/11/21 21:20	1
Barium	0.26		0.0020	0.00070	mg/L		11/10/21 09:20	11/11/21 21:20	1
Beryllium	ND		0.0020	0.00030	mg/L		11/10/21 09:20	11/11/21 21:20	1
Cadmium	0.00062	J	0.0020	0.00050	mg/L		11/10/21 09:20	11/11/21 21:20	1
Calcium	190		0.50	0.10	mg/L		11/10/21 09:20	11/11/21 21:20	1
Chromium	ND		0.0040	0.0010	mg/L		11/10/21 09:20	11/11/21 21:20	1
Cobalt	0.0015	J	0.0040	0.00063	mg/L		11/10/21 09:20	11/11/21 21:20	1
Copper	0.0023	J	0.010	0.0016	mg/L		11/10/21 09:20	11/11/21 21:20	1
Iron	13.2		0.050	0.019	mg/L		11/10/21 09:20	11/11/21 21:20	1
Lead	0.0073	J	0.010	0.0030	mg/L		11/10/21 09:20	11/11/21 21:20	1
Magnesium	97.0		0.20	0.043	mg/L		11/10/21 09:20	11/11/21 21:20	1
Manganese	0.29		0.0030	0.00040	mg/L		11/10/21 09:20	11/11/21 21:20	1
Nickel	0.0032	J	0.010	0.0013	mg/L		11/10/21 09:20	11/11/21 21:20	1
Potassium	36.8		0.50	0.10	mg/L		11/10/21 09:20	11/11/21 21:20	1
Selenium	ND		0.025	0.0087	mg/L		11/10/21 09:20	11/11/21 21:20	1
Silver	ND		0.0060	0.0017	mg/L		11/10/21 09:20	11/11/21 21:20	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191913-1

Client Sample ID: OW-16

Date Collected: 11/04/21 13:05

Date Received: 11/04/21 15:04

Lab Sample ID: 480-191913-3

Matrix: Water

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	80.4		1.0	0.32	mg/L		11/10/21 09:20	11/11/21 21:20	1
Thallium	ND		0.020	0.010	mg/L		11/10/21 09:20	11/11/21 21:20	1
Vanadium	ND		0.0050	0.0015	mg/L		11/10/21 09:20	11/11/21 21:20	1
Zinc	0.0062	J B	0.010	0.0015	mg/L		11/10/21 09:20	11/11/21 21:20	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		11/11/21 10:58	11/11/21 15:10	1

Client Sample ID: OW-37

Date Collected: 11/04/21 14:00

Date Received: 11/04/21 15:04

Lab Sample ID: 480-191913-4

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			11/12/21 15:56	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			11/12/21 15:56	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			11/12/21 15:56	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			11/12/21 15:56	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			11/12/21 15:56	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			11/12/21 15:56	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			11/12/21 15:56	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			11/12/21 15:56	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			11/12/21 15:56	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			11/12/21 15:56	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			11/12/21 15:56	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			11/12/21 15:56	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			11/12/21 15:56	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			11/12/21 15:56	2
2-Butanone (MEK)	ND		20	2.6	ug/L			11/12/21 15:56	2
2-Hexanone	ND		10	2.5	ug/L			11/12/21 15:56	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			11/12/21 15:56	2
Acetone	ND		20	6.0	ug/L			11/12/21 15:56	2
Benzene	ND		2.0	0.82	ug/L			11/12/21 15:56	2
Bromodichloromethane	ND		2.0	0.78	ug/L			11/12/21 15:56	2
Bromoform	ND		2.0	0.52	ug/L			11/12/21 15:56	2
Bromomethane	ND		2.0	1.4	ug/L			11/12/21 15:56	2
Carbon disulfide	ND		2.0	0.38	ug/L			11/12/21 15:56	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			11/12/21 15:56	2
Chlorobenzene	ND		2.0	1.5	ug/L			11/12/21 15:56	2
Chloroethane	ND		2.0	0.64	ug/L			11/12/21 15:56	2
Chloroform	ND		2.0	0.68	ug/L			11/12/21 15:56	2
Chloromethane	ND		2.0	0.70	ug/L			11/12/21 15:56	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			11/12/21 15:56	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			11/12/21 15:56	2
Cyclohexane	ND		2.0	0.36	ug/L			11/12/21 15:56	2
Dibromochloromethane	ND		2.0	0.64	ug/L			11/12/21 15:56	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			11/12/21 15:56	2
Ethylbenzene	ND		2.0	1.5	ug/L			11/12/21 15:56	2
Isopropylbenzene	ND		2.0	1.6	ug/L			11/12/21 15:56	2

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191913-1

Client Sample ID: OW-37

Lab Sample ID: 480-191913-4

Date Collected: 11/04/21 14:00

Matrix: Water

Date Received: 11/04/21 15:04

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl acetate	ND		5.0	2.6	ug/L			11/12/21 15:56	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			11/12/21 15:56	2
Methylcyclohexane	ND		2.0	0.32	ug/L			11/12/21 15:56	2
Methylene Chloride	ND		2.0	0.88	ug/L			11/12/21 15:56	2
Styrene	ND		2.0	1.5	ug/L			11/12/21 15:56	2
Tetrachloroethene	ND		2.0	0.72	ug/L			11/12/21 15:56	2
Toluene	ND		2.0	1.0	ug/L			11/12/21 15:56	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			11/12/21 15:56	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			11/12/21 15:56	2
Trichloroethene	ND		2.0	0.92	ug/L			11/12/21 15:56	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			11/12/21 15:56	2
Vinyl chloride	ND		2.0	1.8	ug/L			11/12/21 15:56	2
Xylenes, Total	ND		4.0	1.3	ug/L			11/12/21 15:56	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		11/12/21 15:56	2
4-Bromofluorobenzene (Surr)	101		73 - 120		11/12/21 15:56	2
Toluene-d8 (Surr)	101		80 - 120		11/12/21 15:56	2

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/07/21 15:22	11/09/21 18:40	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/07/21 15:22	11/09/21 18:40	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/07/21 15:22	11/09/21 18:40	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/07/21 15:22	11/09/21 18:40	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/07/21 15:22	11/09/21 18:40	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/07/21 15:22	11/09/21 18:40	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/07/21 15:22	11/09/21 18:40	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/07/21 15:22	11/09/21 18:40	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/07/21 15:22	11/09/21 18:40	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/07/21 15:22	11/09/21 18:40	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/07/21 15:22	11/09/21 18:40	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/07/21 15:22	11/09/21 18:40	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/07/21 15:22	11/09/21 18:40	1
2-Nitroaniline	ND		10	0.42	ug/L		11/07/21 15:22	11/09/21 18:40	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/07/21 15:22	11/09/21 18:40	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/07/21 15:22	11/09/21 18:40	1
3-Nitroaniline	ND		10	0.48	ug/L		11/07/21 15:22	11/09/21 18:40	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/07/21 15:22	11/09/21 18:40	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/07/21 15:22	11/09/21 18:40	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/07/21 15:22	11/09/21 18:40	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/07/21 15:22	11/09/21 18:40	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/07/21 15:22	11/09/21 18:40	1
4-Methylphenol	ND		10	0.36	ug/L		11/07/21 15:22	11/09/21 18:40	1
4-Nitroaniline	ND		10	0.25	ug/L		11/07/21 15:22	11/09/21 18:40	1
4-Nitrophenol	ND		10	1.5	ug/L		11/07/21 15:22	11/09/21 18:40	1
Acenaphthene	ND		5.0	0.41	ug/L		11/07/21 15:22	11/09/21 18:40	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/07/21 15:22	11/09/21 18:40	1
Acetophenone	ND		5.0	0.54	ug/L		11/07/21 15:22	11/09/21 18:40	1
Anthracene	ND		5.0	0.28	ug/L		11/07/21 15:22	11/09/21 18:40	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191913-1

Client Sample ID: OW-37

Lab Sample ID: 480-191913-4

Date Collected: 11/04/21 14:00

Matrix: Water

Date Received: 11/04/21 15:04

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	ND		5.0	0.46	ug/L		11/07/21 15:22	11/09/21 18:40	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/07/21 15:22	11/09/21 18:40	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/07/21 15:22	11/09/21 18:40	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/07/21 15:22	11/09/21 18:40	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/07/21 15:22	11/09/21 18:40	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/07/21 15:22	11/09/21 18:40	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/07/21 15:22	11/09/21 18:40	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/07/21 15:22	11/09/21 18:40	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/07/21 15:22	11/09/21 18:40	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/07/21 15:22	11/09/21 18:40	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/07/21 15:22	11/09/21 18:40	1
Caprolactam	ND		5.0	2.2	ug/L		11/07/21 15:22	11/09/21 18:40	1
Carbazole	ND		5.0	0.30	ug/L		11/07/21 15:22	11/09/21 18:40	1
Chrysene	ND		5.0	0.33	ug/L		11/07/21 15:22	11/09/21 18:40	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/07/21 15:22	11/09/21 18:40	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/07/21 15:22	11/09/21 18:40	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/07/21 15:22	11/09/21 18:40	1
Dibenzofuran	ND		10	0.51	ug/L		11/07/21 15:22	11/09/21 18:40	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/07/21 15:22	11/09/21 18:40	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/07/21 15:22	11/09/21 18:40	1
Fluoranthene	ND		5.0	0.40	ug/L		11/07/21 15:22	11/09/21 18:40	1
Fluorene	ND		5.0	0.36	ug/L		11/07/21 15:22	11/09/21 18:40	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/07/21 15:22	11/09/21 18:40	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/07/21 15:22	11/09/21 18:40	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/07/21 15:22	11/09/21 18:40	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/07/21 15:22	11/09/21 18:40	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/07/21 15:22	11/09/21 18:40	1
Isophorone	ND		5.0	0.43	ug/L		11/07/21 15:22	11/09/21 18:40	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/07/21 15:22	11/09/21 18:40	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/07/21 15:22	11/09/21 18:40	1
Naphthalene	ND		5.0	0.76	ug/L		11/07/21 15:22	11/09/21 18:40	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/07/21 15:22	11/09/21 18:40	1
Pentachlorophenol	ND		10	2.2	ug/L		11/07/21 15:22	11/09/21 18:40	1
Phenanthrene	ND		5.0	0.44	ug/L		11/07/21 15:22	11/09/21 18:40	1
Phenol	ND		5.0	0.39	ug/L		11/07/21 15:22	11/09/21 18:40	1
Pyrene	ND		5.0	0.34	ug/L		11/07/21 15:22	11/09/21 18:40	1
Benzoic acid	ND		150	100	ug/L		11/07/21 15:22	11/09/21 18:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	110		41 - 120	11/07/21 15:22	11/09/21 18:40	1
2-Fluorobiphenyl	84		48 - 120	11/07/21 15:22	11/09/21 18:40	1
2-Fluorophenol	58		35 - 120	11/07/21 15:22	11/09/21 18:40	1
Nitrobenzene-d5	70		46 - 120	11/07/21 15:22	11/09/21 18:40	1
p-Terphenyl-d14	80		60 - 148	11/07/21 15:22	11/09/21 18:40	1
Phenol-d5	44		22 - 120	11/07/21 15:22	11/09/21 18:40	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/05/21 14:20	11/08/21 11:38	1
4,4'-DDE	ND		0.050	0.012	ug/L		11/05/21 14:20	11/08/21 11:38	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191913-1

Client Sample ID: OW-37

Lab Sample ID: 480-191913-4

Date Collected: 11/04/21 14:00

Matrix: Water

Date Received: 11/04/21 15:04

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	ND		0.050	0.011	ug/L		11/05/21 14:20	11/08/21 11:38	1
Aldrin	ND		0.050	0.0081	ug/L		11/05/21 14:20	11/08/21 11:38	1
alpha-BHC	ND		0.050	0.0077	ug/L		11/05/21 14:20	11/08/21 11:38	1
cis-Chlordane	ND		0.050	0.015	ug/L		11/05/21 14:20	11/08/21 11:38	1
beta-BHC	ND		0.050	0.025	ug/L		11/05/21 14:20	11/08/21 11:38	1
delta-BHC	ND		0.050	0.010	ug/L		11/05/21 14:20	11/08/21 11:38	1
Dieldrin	ND		0.050	0.0098	ug/L		11/05/21 14:20	11/08/21 11:38	1
Endosulfan I	ND		0.050	0.011	ug/L		11/05/21 14:20	11/08/21 11:38	1
Endosulfan II	ND		0.050	0.012	ug/L		11/05/21 14:20	11/08/21 11:38	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		11/05/21 14:20	11/08/21 11:38	1
Endrin	ND		0.050	0.014	ug/L		11/05/21 14:20	11/08/21 11:38	1
Endrin aldehyde	ND		0.050	0.016	ug/L		11/05/21 14:20	11/08/21 11:38	1
Endrin ketone	ND		0.050	0.012	ug/L		11/05/21 14:20	11/08/21 11:38	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		11/05/21 14:20	11/08/21 11:38	1
trans-Chlordane	ND		0.050	0.011	ug/L		11/05/21 14:20	11/08/21 11:38	1
Heptachlor	ND		0.050	0.0085	ug/L		11/05/21 14:20	11/08/21 11:38	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		11/05/21 14:20	11/08/21 11:38	1
Methoxychlor	ND		0.050	0.014	ug/L		11/05/21 14:20	11/08/21 11:38	1
Toxaphene	ND		0.50	0.12	ug/L		11/05/21 14:20	11/08/21 11:38	1
Mirex	ND		0.050	0.0096	ug/L		11/05/21 14:20	11/08/21 11:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	66		20 - 120	11/05/21 14:20	11/08/21 11:38	1
DCB Decachlorobiphenyl	58		20 - 120	11/05/21 14:20	11/08/21 11:38	1
Tetrachloro-m-xylene	74		44 - 120	11/05/21 14:20	11/08/21 11:38	1
Tetrachloro-m-xylene	71		44 - 120	11/05/21 14:20	11/08/21 11:38	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 23:27	1
PCB-1221	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 23:27	1
PCB-1232	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 23:27	1
PCB-1242	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 23:27	1
PCB-1248	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 23:27	1
PCB-1254	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 23:27	1
PCB-1260	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 23:27	1
PCB-1262	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 23:27	1
PCB-1268	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 23:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	69		39 - 121	11/08/21 10:26	11/08/21 23:27	1
Tetrachloro-m-xylene	73		39 - 121	11/08/21 10:26	11/08/21 23:27	1
DCB Decachlorobiphenyl	93		19 - 120	11/08/21 10:26	11/08/21 23:27	1
DCB Decachlorobiphenyl	57		19 - 120	11/08/21 10:26	11/08/21 23:27	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/10/21 09:20	11/11/21 21:23	1
Antimony	ND		0.020	0.0068	mg/L		11/10/21 09:20	11/11/21 21:23	1
Arsenic	ND		0.015	0.0056	mg/L		11/10/21 09:20	11/11/21 21:23	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191913-1

Client Sample ID: OW-37

Lab Sample ID: 480-191913-4

Date Collected: 11/04/21 14:00

Matrix: Water

Date Received: 11/04/21 15:04

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.18		0.0020	0.00070	mg/L		11/10/21 09:20	11/11/21 21:23	1
Beryllium	ND		0.0020	0.00030	mg/L		11/10/21 09:20	11/11/21 21:23	1
Cadmium	0.0017	J	0.0020	0.00050	mg/L		11/10/21 09:20	11/11/21 21:23	1
Calcium	222		0.50	0.10	mg/L		11/10/21 09:20	11/11/21 21:23	1
Chromium	ND		0.0040	0.0010	mg/L		11/10/21 09:20	11/11/21 21:23	1
Cobalt	0.0011	J	0.0040	0.00063	mg/L		11/10/21 09:20	11/11/21 21:23	1
Copper	0.0064	J	0.010	0.0016	mg/L		11/10/21 09:20	11/11/21 21:23	1
Iron	0.34		0.050	0.019	mg/L		11/10/21 09:20	11/11/21 21:23	1
Lead	ND		0.010	0.0030	mg/L		11/10/21 09:20	11/11/21 21:23	1
Magnesium	59.9		0.20	0.043	mg/L		11/10/21 09:20	11/11/21 21:23	1
Manganese	0.29		0.0030	0.00040	mg/L		11/10/21 09:20	11/11/21 21:23	1
Nickel	0.0057	J	0.010	0.0013	mg/L		11/10/21 09:20	11/11/21 21:23	1
Potassium	8.3		0.50	0.10	mg/L		11/10/21 09:20	11/11/21 21:23	1
Selenium	ND		0.025	0.0087	mg/L		11/10/21 09:20	11/11/21 21:23	1
Silver	ND		0.0060	0.0017	mg/L		11/10/21 09:20	11/11/21 21:23	1
Sodium	24.0		1.0	0.32	mg/L		11/10/21 09:20	11/11/21 21:23	1
Thallium	ND		0.020	0.010	mg/L		11/10/21 09:20	11/11/21 21:23	1
Vanadium	ND		0.0050	0.0015	mg/L		11/10/21 09:20	11/11/21 21:23	1
Zinc	0.078	B	0.010	0.0015	mg/L		11/10/21 09:20	11/11/21 21:23	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000050	J	0.00020	0.000043	mg/L		11/11/21 10:58	11/11/21 15:11	1

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191913-1

SDG No.: _____

Batch Number: 604621 Batch Start Date: 11/12/21 09:18 Batch Analyst: Dahn, William JBatch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	8260 CORP mix 00216	BFB_WRK 00128	GAS CORP mix 00480
BFB 480-604621/2		8260C		1 uL	1 uL			1 uL	
CCVIS 480-604621/3		8260C		5 mL	5 mL		12.5 uL		12.5 uL
LCS 480-604621/5		8260C		5 mL	5 mL		12.5 uL		12.5 uL
MB 480-604621/7		8260C		5 mL	5 mL				
480-191913-I-1	OW-13	8260C	T	5 mL	5 mL	6 SU			
480-191913-I-2	LPZ-06S	8260C	T	5 mL	5 mL	<2 SU			
480-191913-I-3	OW-16	8260C	T	5 mL	5 mL	<2 SU			
480-191913-I-4	OW-37	8260C	T	5 mL	5 mL	<2 SU			
480-191913-H-2 MS	LPZ-06S	8260C	T	5 mL	5 mL	<2 SU	12.5 uL		12.5 uL
480-191913-H-2 MSD	LPZ-06S	8260C	T	5 mL	5 mL	<2 SU	12.5 uL		12.5 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	S_8260_IS 00352	S_8260_Surr 00408	AnalysisComment			
BFB 480-604621/2		8260C							
CCVIS 480-604621/3		8260C		1 uL	1 uL				
LCS 480-604621/5		8260C		1 uL	1 uL				
MB 480-604621/7		8260C		1 uL	1 uL				
480-191913-I-1	OW-13	8260C	T	1 uL	1 uL	FOAM			
480-191913-I-2	LPZ-06S	8260C	T	1 uL	1 uL				
480-191913-I-3	OW-16	8260C	T	1 uL	1 uL	FOAM			
480-191913-I-4	OW-37	8260C	T	1 uL	1 uL	FOAM			
480-191913-H-2 MS	LPZ-06S	8260C	T	1 uL	1 uL	CLIENT QC			
480-191913-H-2 MSD	LPZ-06S	8260C	T	1 uL	1 uL	CLIENT QC			

Batch Notes	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260C

Page 1 of 2

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191913-1
 SDG No.: _____
 Matrix: Water Level: Low
 GC Column (1): RXI-5Sil MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPHd14 #
OW-13	480-191913-1	66	51	79	88	118	71
OW-13 DL	480-191913-1 DL	63	44	76	95	95	72
LPZ-06S	480-191913-2	63	50	78	97	83	83
OW-16	480-191913-3	75	59	87	102	141 S1+	83
OW-37	480-191913-4	58	44	70	84	110	80
	MB 480-603779/1-A	66	49	79	95	84	98
	LCS 480-603779/2-A	75	58	97	102	131 S1+	106
LPZ-06S MS	480-191913-2 MS	64	52	82	87	110	67
LPZ-06S MSD	480-191913-2 MSD	72	57	91	97	123 S1+	72

	<u>QC LIMITS</u>
2FP = 2-Fluorophenol	35-120
PHL = Phenol-d5	22-120
NBZ = Nitrobenzene-d5	46-120
FBP = 2-Fluorobiphenyl	48-120
TBP = 2,4,6-Tribromophenol	41-120
TPHd14 = p-Terphenyl-d14	60-148

Column to be used to flag recovery values

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191913-1

SDG No.: _____

Lab Sample ID: CCVIS 480-604220/3 Calibration Date: 11/10/2021 10:36

Instrument ID: HP5973Y Calib Start Date: 11/03/2021 10:44

GC Column: RXI-5Sil MS ID: 0.25 (mm) Calib End Date: 11/03/2021 13:53

Lab File ID: Y02826534.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5024	0.4529	0.0100	3610	4000	-9.9	20.0
N-Nitrosodimethylamine	Ave	0.6878	0.5570	0.0100	3240	4000	-19.0	50.0
Pyridine	Ave	0.8806	0.7180	0.0100	6520	8000	-18.5	50.0
Benzaldehyde	Lin2		0.8789	0.0100	7190	8000	-10.1	50.0
Phenol	Ave	1.617	1.447	0.8000	3580	4000	-10.5	20.0
Aniline	Ave	2.001	1.816	0.0100	3630	4000	-9.3	20.0
Bis(2-chloroethyl)ether	Ave	1.205	1.066	0.7000	3540	4000	-11.5	20.0
2-Chlorophenol	Ave	1.329	1.240	0.8000	3730	4000	-6.8	20.0
n-Decane	Ave	1.490	1.254	0.0100	3370	4000	-15.8	20.0
1,3-Dichlorobenzene	Ave	1.509	1.477	0.0100	3910	4000	-2.2	20.0
1,4-Dichlorobenzene	Ave	1.543	1.526	0.0100	3960	4000	-1.1	20.0
Benzyl alcohol	Ave	0.8691	0.7639	0.0100	3520	4000	-12.1	20.0
1,2-Dichlorobenzene	Ave	1.458	1.396	0.0100	3830	4000	-4.3	20.0
2-Methylphenol	Ave	1.214	1.098	0.7000	3620	4000	-9.5	20.0
bis (2-chloroisopropyl) ether	Ave	1.932	1.515	0.0100	3140	4000	-21.6*	20.0
Indene	Ave	2.325	2.164	0.0100	18600	20000	-7.0	20.0
4-Methylphenol	Ave	1.206	1.100	0.6000	3650	4000	-8.8	20.0
N-Nitrosodi-n-propylamine	Ave	0.8680	0.7411	0.5000	3420	4000	-14.6	20.0
Acetophenone	Lin2		1.532	0.0100	3780	4000	-5.6	20.0
Hexachloroethane	Ave	0.6029	0.5624	0.3000	3730	4000	-6.7	20.0
Nitrobenzene	Ave	0.3392	0.3306	0.2000	3900	4000	-2.5	20.0
Isophorone	Lin2		0.5751	0.4000	3840	4000	-4.0	20.0
2-Nitrophenol	Lin2		0.1786	0.1000	4020	4000	0.4	20.0
2,4-Dimethylphenol	Lin2		0.3123	0.2000	3730	4000	-6.8	20.0
Bis(2-chloroethoxy)methane	Lin2		0.3593	0.3000	3960	4000	-1.0	20.0
Benzoic acid	Lin2		0.1537	0.0100	15500	20000	-22.5	50.0
2,4-Dichlorophenol	Ave	0.2735	0.2765	0.2000	4040	4000	1.1	20.0
1,2,4-Trichlorobenzene	Ave	0.3003	0.3255	0.0100	4340	4000	8.4	20.0
Naphthalene	Lin2		1.018	0.7000	3940	4000	-1.4	20.0
4-Chloroaniline	Ave	0.3611	0.3683	0.0100	4080	4000	2.0	20.0
2,6-Dichlorophenol	Ave	0.2646	0.2836	0.0100	4290	4000	7.2	20.0
Hexachlorobutadiene	Ave	0.1780	0.1998	0.0100	4490	4000	12.2	20.0
Caprolactam	Lin2		0.0901	0.0100	7640	8000	-4.5	50.0
4-Chloro-3-methylphenol	Ave	0.2637	0.2495	0.2000	3780	4000	-5.4	20.0
2-Methylnaphthalene	Ave	0.6788	0.6871	0.4000	4050	4000	1.2	20.0
1-Methylnaphthalene	Ave	0.6405	0.6420	0.0100	4010	4000	0.2	20.0
Hexachlorocyclopentadiene	Lin2		0.3887	0.0500	4010	4000	0.2	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5705	0.6038	0.0100	4230	4000	5.8	20.0
2,4,6-Trichlorophenol	Lin2		0.3665	0.2000	3750	4000	-6.1	20.0
2,4,5-Trichlorophenol	Lin2		0.3506	0.2000	3920	4000	-2.1	20.0

FORM III
PESTICIDES MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191913-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: 25_52-138.D
 Lab ID: 480-191913-2 MSD Client ID: LPZ-06S MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
4,4'-DDD	0.400	0.423	106	8	23	57-130	
4,4'-DDE	0.400	0.349	87	15	22	39-120	
4,4'-DDT	0.400	0.387	97	5	24	37-130	
Aldrin	0.400	0.324	81	10	25	39-125	
alpha-BHC	0.400	0.322	81	5	24	48-120	
cis-Chlordane	0.400	0.362	91	9	23	44-120	
beta-BHC	0.400	0.401	100	5	24	49-120	
delta-BHC	0.400	0.384	96	7	24	50-120	
Dieldrin	0.400	0.402	101	10	24	56-130	
Endosulfan I	0.400	0.375	94	3	30	40-126	
Endosulfan II	0.400	0.435	109	8	40	59-140	
Endosulfan sulfate	0.400	0.371	93	10	24	60-134	
Endrin	0.400	0.423	106	11	24	54-135	
Endrin aldehyde	0.400	0.258	64	30	28	50-142	F2
Endrin ketone	0.400	0.467	117	15	26	57-138	
gamma-BHC (Lindane)	0.400	0.368	92	8	24	50-120	
trans-Chlordane	0.400	0.383	96	14	24	42-120	
Heptachlor	0.400	0.345	86	8	25	56-120	
Heptachlor epoxide	0.400	0.405	101	10	23	58-125	
Methoxychlor	0.400	0.403	101	0	26	40-150	

Column to be used to flag recovery and RPD values

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191913-1
 SDG No.: _____
 Client Sample ID: LPZ-06S MSD Lab Sample ID: 480-191913-2 MSD
 Instrument ID (1): HP6890-25 Instrument ID (2): HP6890-25
 Date Analyzed (1): 11/08/2021 10:19 Date Analyzed (2): 11/08/2021 10:19
 GC Column (1): RTX-CLPI ID: 0.53 (mm) GC Column (2): RTX-CLPII ID: 0.53 (mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.99	2.97	3.03	0.322		8.6
	2		3.57	3.54	3.60	0.351		
gamma-BHC (Lindane)	1		3.25	3.23	3.29	0.368		4.9
	2		3.92	3.90	3.96	0.386		
beta-BHC	1		3.32	3.30	3.36	0.401		0.9
	2		3.99	3.97	4.03	0.405		
delta-BHC	1		3.48	3.45	3.51	0.384		5.8
	2		4.31	4.29	4.35	0.407		
Heptachlor	1		3.66	3.64	3.70	0.345		1.0
	2		4.40	4.38	4.44	0.349		
Aldrin	1		3.95	3.92	3.98	0.324		8.3
	2		4.75	4.73	4.79	0.352		
Heptachlor epoxide	1		4.55	4.52	4.58	0.405		0.4
	2		5.36	5.33	5.39	0.403		
trans-Chlordane	1		4.67	4.65	4.71	0.383		0.8
	2		5.56	5.53	5.59	0.386		
cis-Chlordane	1		4.80	4.78	4.84	0.362		8.7
	2		5.71	5.69	5.75	0.395		
4,4'-DDE	1		4.88	4.86	4.92	0.349		9.9
	2		5.87	5.85	5.91	0.385		
Endosulfan I	1		4.94	4.92	4.98	0.375		9.4
	2		5.78	5.76	5.82	0.412		
Dieldrin	1		5.19	5.16	5.22	0.402		2.3
	2		6.07	6.04	6.10	0.393		
Endrin	1		5.42	5.40	5.46	0.423		3.6
	2		6.39	6.37	6.43	0.408		
4,4'-DDD	1		5.49	5.47	5.53	0.423		0.4
	2		6.47	6.45	6.51	0.425		
Endosulfan II	1		5.65	5.63	5.69	0.435		0.8
	2		6.61	6.58	6.64	0.439		
4,4'-DDT	1		5.78	5.75	5.81	0.387		9.6
	2		6.80	6.78	6.84	0.426		
Endrin aldehyde	1		6.08	6.06	6.12	0.258		47.4
	2		6.95	6.92	6.98	0.418		
Methoxychlor	1		6.28	6.25	6.31	0.403		10.5
	2		7.49	7.46	7.52	0.448		
Endosulfan sulfate	1		6.53	6.50	6.56	0.371		20.0
	2		7.23	7.21	7.27	0.453		
Endrin ketone	1		6.81	6.79	6.85	0.467		8.6
	2		7.79	7.76	7.82	0.429		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191913-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 480-603655/1-A
 Instrument ID (1): HP6890-25 Instrument ID (2): HP6890-25
 Date Analyzed (1): 11/08/2021 09:20 Date Analyzed (2): 11/08/2021 09:20
 GC Column (1): RTX-CLPI ID: 0.53 (mm) GC Column (2): RTX-CLPII ID: 0.53 (mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
trans-Chlordane	1		4.65	4.65	4.71	0.0125		4.0
	2		5.55	5.53	5.59	0.0120		
Endosulfan II	1		5.64	5.63	5.69	0.0190		30.7
	2		6.63	6.58	6.64	0.0139		

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Buffalo</u>	Job No.: <u>480-191913-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>MB 480-603655/1-A</u>
Matrix: <u>Water</u>	Lab File ID: <u>25_52-135.D</u>
Analysis Method: <u>8081B</u>	Date Collected: _____
Extraction Method: <u>3510C</u>	Date Extracted: <u>11/05/2021 14:20</u>
Sample wt/vol: <u>250 (mL)</u>	Date Analyzed: <u>11/08/2021 09:20</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1 (uL)</u>	GC Column: <u>RTX-CLPI</u> ID: <u>0.53 (mm)</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>603799</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	ND		0.050	0.0092
72-55-9	4,4'-DDE	ND		0.050	0.012
50-29-3	4,4'-DDT	ND		0.050	0.011
309-00-2	Aldrin	ND		0.050	0.0081
319-84-6	alpha-BHC	ND		0.050	0.0077
5103-71-9	cis-Chlordane	ND		0.050	0.015
319-85-7	beta-BHC	ND		0.050	0.025
319-86-8	delta-BHC	ND		0.050	0.010
60-57-1	Dieldrin	ND		0.050	0.0098
959-98-8	Endosulfan I	ND		0.050	0.011
33213-65-9	Endosulfan II	0.0190	J	0.050	0.012
1031-07-8	Endosulfan sulfate	ND		0.050	0.016
72-20-8	Endrin	ND		0.050	0.014
7421-93-4	Endrin aldehyde	ND		0.050	0.016
53494-70-5	Endrin ketone	ND		0.050	0.012
58-89-9	gamma-BHC (Lindane)	ND		0.050	0.0080
5103-74-2	trans-Chlordane	0.0125	J	0.050	0.011
76-44-8	Heptachlor	ND		0.050	0.0085
1024-57-3	Heptachlor epoxide	ND		0.050	0.0074
72-43-5	Methoxychlor	ND		0.050	0.014
8001-35-2	Toxaphene	ND		0.50	0.12
2385-85-5	Mirex	ND		0.050	0.0096

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	50		20-120
877-09-8	Tetrachloro-m-xylene	76		44-120

FORM II
PCBS SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191913-1

SDG No.: _____

Matrix: Water Level: Low

GC Column (1): ZB-35 ID: 0.53 (mm) GC Column (2): ZB-5 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	TCX1 #	TCX2 #	DCBP1 #	DCBP2 #
OW-13	480-191913-1	71	66	45	79
LPZ-06S	480-191913-2	54	52	51	79
OW-16	480-191913-3	63	57	27	54
OW-37	480-191913-4	73	69	57	93
	MB 480-603866/1-A	70	70	33	65
	LCS 480-603866/2-A	65	62	35	55
LPZ-06S MS	480-191913-2 MS	70	67	42	62
LPZ-06S MSD	480-191913-2 MSD	75	77	45	71

TCX = Tetrachloro-m-xylene
DCBP = DCB Decachlorobiphenyl

QC LIMITS
39-121
19-120

Column to be used to flag recovery values

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191913-1
 SDG No.: _____
 Lab Sample ID: ICV 480-581327/30 Calibration Date: 05/17/2021 23:07
 Instrument ID: HP6890-6 Calib Start Date: 05/17/2021 22:29
 GC Column: ZB-5 ID: 0.53 (mm) Calib End Date: 05/17/2021 22:54
 Lab File ID: 6_087-212.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Lin2		0.0171		0.512	0.500	2.3	20.0
PCB-1242 Peak 2	Lin2		0.0209		0.517	0.500	3.5	20.0
PCB-1242 Peak 3	Lin2		0.0448		0.482	0.500	-3.7	20.0
PCB-1242 Peak 4	Lin2		0.0275		0.492	0.500	-1.7	20.0
PCB-1242 Peak 5	Lin2		0.0205		0.513	0.500	2.6	20.0
PCB-1268 Peak 1	Lin2		0.1398		0.510	0.500	1.9	20.0
PCB-1268 Peak 2	Lin2		0.1257		0.505	0.500	1.0	20.0
PCB-1268 Peak 3	Lin2		0.1196		0.554	0.500	10.8	20.0
PCB-1268 Peak 4	Lin2		0.0350		0.368	0.500	-26.4*	20.0
PCB-1268 Peak 5	Lin2		0.3141		0.456	0.500	-8.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191913-1
 SDG No.: _____
 Lab Sample ID: ICV 480-581327/30 Calibration Date: 05/17/2021 23:07
 Instrument ID: HP6890-6 Calib Start Date: 05/17/2021 22:29
 GC Column: ZB-35 ID: 0.53 (mm) Calib End Date: 05/17/2021 22:54
 Lab File ID: 6_087-212.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Lin2		0.0163		0.508	0.500	1.5	20.0
PCB-1242 Peak 2	Lin2		0.0362		0.505	0.500	1.1	20.0
PCB-1242 Peak 3	Lin2		0.0425		0.488	0.500	-2.5	20.0
PCB-1242 Peak 4	Lin2		0.0280		0.502	0.500	0.3	20.0
PCB-1242 Peak 5	Lin2		0.0264		0.508	0.500	1.7	20.0
PCB-1268 Peak 1	Lin2		0.1350		0.523	0.500	4.6	20.0
PCB-1268 Peak 2	Lin2		0.1243		0.529	0.500	5.7	20.0
PCB-1268 Peak 3	Lin2		0.1154		0.567	0.500	13.4	20.0
PCB-1268 Peak 4	Lin2		0.0342		0.371	0.500	-25.9*	20.0
PCB-1268 Peak 5	Lin2		0.3085		0.462	0.500	-7.7	20.0

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191913-1
 SDG No.: _____
 Lab Sample ID: CCVIS 480-603911/5 Calibration Date: 11/08/2021 14:36
 Instrument ID: HP6890-6 Calib Start Date: 05/17/2021 18:14
 GC Column: ZB-5 ID: 0.53 (mm) Calib End Date: 05/17/2021 19:30
 Lab File ID: 6_099-179.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Lin2		0.0212		0.495	0.504	-1.7	20.0
PCB-1016 Peak 2	Lin2		0.0271		0.505	0.504	0.2	20.0
PCB-1016 Peak 3	Lin2		0.0597		0.484	0.504	-3.8	20.0
PCB-1016 Peak 4	Lin2		0.0390		0.534	0.504	6.1	20.0
PCB-1016 Peak 5	Lin2		0.0238		0.529	0.504	5.2	20.0
PCB-1260 Peak 1	Lin2		0.0547		0.551	0.504	9.3	20.0
PCB-1260 Peak 2	Lin2		0.0656		0.599	0.504	18.9	20.0
PCB-1260 Peak 3	Lin2		0.0753		0.532	0.504	5.6	20.0
PCB-1260 Peak 4	Lin2		0.0508		0.575	0.504	14.2	20.0
PCB-1260 Peak 5	Lin2		0.1268		0.594	0.504	17.9	20.0
Tetrachloro-m-xylene	Lin2		1.215		0.0118	0.0125	-5.7	20.0
DCB Decachlorobiphenyl	Lin1		1.438		0.0195	0.0125	56.3*	20.0

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191913-1
 SDG No.: _____
 Lab Sample ID: CCV 480-603911/8 Calibration Date: 11/08/2021 15:15
 Instrument ID: HP6890-6 Calib Start Date: 05/17/2021 22:29
 GC Column: ZB-35 ID: 0.53 (mm) Calib End Date: 05/17/2021 22:54
 Lab File ID: 6_099-182.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Lin2		0.0179		0.558	0.500	11.5	20.0
PCB-1242 Peak 2	Lin2		0.0385		0.538	0.500	7.6	20.0
PCB-1242 Peak 3	Lin2		0.0458		0.527	0.500	5.3	20.0
PCB-1242 Peak 4	Lin2		0.0313		0.561	0.500	12.3	20.0
PCB-1242 Peak 5	Lin2		0.0299		0.577	0.500	15.4	20.0
PCB-1268 Peak 1	Lin2		0.1818		0.707	0.500	41.4*	20.0
PCB-1268 Peak 2	Lin2		0.1640		0.700	0.500	40.0*	20.0
PCB-1268 Peak 3	Lin2		0.1442		0.710	0.500	42.1*	20.0
PCB-1268 Peak 4	Lin2		0.0621		0.682	0.500	36.3*	20.0
PCB-1268 Peak 5	Lin2		0.4174		0.626	0.500	25.3*	20.0

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191913-1
 SDG No.: _____
 Lab Sample ID: CCV 480-603911/31 Calibration Date: 11/08/2021 20:16
 Instrument ID: HP6890-6 Calib Start Date: 05/17/2021 18:14
 GC Column: ZB-5 ID: 0.53 (mm) Calib End Date: 05/17/2021 19:30
 Lab File ID: 6_099-205.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Lin2		0.0229		0.535	0.504	6.3	20.0
PCB-1016 Peak 2	Lin2		0.0297		0.554	0.504	10.0	20.0
PCB-1016 Peak 3	Lin2		0.0612		0.497	0.504	-1.3	20.0
PCB-1016 Peak 4	Lin2		0.0412		0.565	0.504	12.2	20.0
PCB-1016 Peak 5	Lin2		0.0238		0.528	0.504	4.9	20.0
PCB-1260 Peak 1	Lin2		0.0628		0.634	0.504	25.8*	20.0
PCB-1260 Peak 2	Lin2		0.0689		0.630	0.504	25.0*	20.0
PCB-1260 Peak 3	Lin2		0.0883		0.626	0.504	24.2*	20.0
PCB-1260 Peak 4	Lin2		0.0565		0.642	0.504	27.4*	20.0
PCB-1260 Peak 5	Lin2		0.1399		0.657	0.504	30.3*	20.0
Tetrachloro-m-xylene	Lin2		1.327		0.0129	0.0125	3.1	20.0
DCB Decachlorobiphenyl	Lin1		1.784		0.0245	0.0125	95.6*	20.0

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191913-1

SDG No.: _____

ICV Source: MEI_10_CCVL_00405 Concentration Units: mg/L

CCV Source: MEI_10_CCVL_00405

Analyte	ICVL 480-604647/7 11/11/2021 16:01				CCVL 480-604647/19 11/11/2021 20:28				CCVL 480-604647/29 11/11/2021 21:12			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	0.190	J	0.200	95	0.142	J	0.200	71	0.156	J	0.200	78
Antimony	0.0195	J	0.0200	98	0.0212		0.0200	106	0.0204		0.0200	102
Arsenic	0.0141	J	0.0150	94	0.0140	J	0.0150	94	0.0135	J	0.0150	90
Barium	0.00214		0.00200	107	0.00213		0.00200	107	0.00210		0.00200	105
Beryllium	0.00195	J	0.00200	98	0.00192	J	0.00200	96	0.00204		0.00200	102
Cadmium	0.00201		0.00200	101	0.00225		0.00200	113	0.00223		0.00200	112
Calcium	0.497	J	0.500	99	0.497	J	0.500	99	0.503		0.500	101
Chromium	0.00380	J	0.00400	95	0.00394	J	0.00400	99	0.00416		0.00400	104
Cobalt	0.00371	J	0.00400	93	0.00370	J	0.00400	93	0.00374	J	0.00400	94
Copper	0.0106		0.0100	106	0.0106		0.0100	106	0.0104		0.0100	104
Iron	0.0519		0.0500	104	0.0514		0.0500	103	0.0505		0.0500	101
Lead	0.0103		0.0100	103	0.0101		0.0100	101	0.00953	J	0.0100	95
Magnesium	0.196	J	0.200	98	0.200		0.200	100	0.199	J	0.200	99
Manganese	0.00312		0.00300	104	0.00305		0.00300	102	0.00311		0.00300	104
Nickel	0.00969	J	0.0100	97	0.0101		0.0100	101	0.00984	J	0.0100	98
Potassium	0.518		0.500	104	0.514		0.500	103	0.511		0.500	102
Selenium	0.0249	J	0.0250	100	0.0233	J	0.0250	93	0.0229	J	0.0250	92
Silver	0.00610		0.00600	102	0.00682		0.00600	114	0.00593	J	0.00600	99
Sodium	0.981	J	1.01	97	0.953	J	1.01	95	0.962	J	1.01	96
Thallium	0.0198	J	0.0200	99	0.0195	J	0.0200	97	0.0191	J	0.0200	95
Vanadium	0.00483	J	0.00500	97	0.00493	J	0.00500	99	0.00509		0.00500	102
Zinc	0.0110		0.0100	110	0.0106		0.0100	106	0.0104		0.0100	104

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191913-1

SDG No.: _____

ICV Source: MEI_10_CCVL_00405 Concentration Units: mg/L

CCV Source: MEI_10_CCVL_00405

Analyte	CCVL 480-604647/41 11/11/2021 21:57											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	0.153	J	0.200	76								
Antimony	0.0197	J	0.0200	98								
Arsenic	0.0140	J	0.0150	93								
Barium	0.00211		0.00200	106								
Beryllium	0.00193	J	0.00200	97								
Cadmium	0.00219		0.00200	110								
Calcium	0.502		0.500	100								
Chromium	0.00412		0.00400	103								
Cobalt	0.00379	J	0.00400	95								
Copper	0.0106		0.0100	106								
Iron	0.0541		0.0500	108								
Lead	0.00994	J	0.0100	99								
Magnesium	0.202		0.200	101								
Manganese	0.00296	J	0.00300	99								
Nickel	0.00980	J	0.0100	98								
Potassium	0.552		0.500	110								
Selenium	0.0264		0.0250	106								
Silver	0.00625		0.00600	104								
Sodium	0.967	J	1.01	96								
Thallium	0.0194	J	0.0200	97								
Vanadium	0.00505		0.00500	101								
Zinc	0.0101		0.0100	101								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS - TOTAL RECOVERABLE

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191913-1
 SDG No.: _____
 Concentration Units: mg/L Lab Sample ID: MB 480-604136/1-A
 Instrument Code: ICAP2 Batch No.: 604647

CAS No.	Analyte	Concentration	C	Q	Method
7429-90-5	Aluminum	ND			6010C
7440-36-0	Antimony	ND			6010C
7440-38-2	Arsenic	ND			6010C
7440-39-3	Barium	ND			6010C
7440-41-7	Beryllium	ND			6010C
7440-43-9	Cadmium	ND			6010C
7440-70-2	Calcium	ND			6010C
7440-47-3	Chromium	ND			6010C
7440-48-4	Cobalt	ND			6010C
7440-50-8	Copper	ND			6010C
7439-89-6	Iron	ND			6010C
7439-92-1	Lead	ND			6010C
7439-95-4	Magnesium	ND			6010C
7439-96-5	Manganese	ND			6010C
7440-02-0	Nickel	ND			6010C
7440-09-7	Potassium	ND			6010C
7782-49-2	Selenium	ND			6010C
7440-22-4	Silver	ND			6010C
7440-23-5	Sodium	ND			6010C
7440-28-0	Thallium	ND			6010C
7440-62-2	Vanadium	ND			6010C
7440-66-6	Zinc	0.00193	J		6010C

**OW-14B, OW-14BR, LPZ-01S,
LPZ-02S & LPZ-11S**

Data Usability Summary Report

Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

Nash Rd. LF #932054
Eurofins SDG#480-191735-1
February 24, 2022
Reissued: March 2, 2022
Sampling date: 11/1/2021

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

Nash Rd. LF #932054
SDG# 480-191735-1

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package(reissued: March 2, 2022) for LiRo Engineers, project located at Nash Rd. LF #932054, Eurofins SDG#480-191735-1 submitted to Vali-Data of WNY, LLC on December 8, 2021. This DUSR has been prepared in general compliance with USEPA National Functional Guidelines(NFG) and NYSDEC Analytical Services Protocols. The laboratory performed the analyses using USEPA method Volatile Organics (8260C), Semi-Volatile Organics (8270D), Pesticides (8081B), PCB (8082A), and Inorganics/Mercury (6010C, 7470A).

ID	Sample ID	Laboratory ID
1	OW-14B	480-191735-1
2	OW-14BR	480-191735-2
3	LPZ-01S	480-191735-3
4	LPZ-11S	480-191735-4
5	LPZ-11S DUP	480-191735-5
6	LPZ-02S	480-191735-6
7	LPZ-02S DUP	480-191735-7

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Sample Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Holding Times.

Samples: LPZ-02S and LPZ-02S DUP were diluted due to foaming.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

Samples: 1-5 had headspace in the vials. Target analytes in these samples should be qualified as estimated.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on some target analytes, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

GC/MS PERFORMANCE CHECK

All criteria were met.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Surrogate Spike Recoveries.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of 2,4,6-Tribromophenol was outside QC limits, high in sample 6. No target analytes were detected in this sample, so no further action is required.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on some target analytes, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

GC/MS PERFORMANCE CHECK

All criteria were met.

PESTICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times

Nash Rd. LF #932054

SDG# 480-191735-1

- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Compound Quantitation.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the samples were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All the criteria were met except Endosulfan sulfate was detected in LPZ-02S DUP but was not detected in LPZ-02S.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met except the RPD of Mirex was outside QC limits between the columns in sample, 6 and should be qualified as estimated. The RPD of Mirex and Endosulfan sulfate was outside QC limits between the columns in sample, 7 and should be qualified as estimated.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used on all target analytes and surrogates, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

PCB

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
-

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Initial Calibration and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All the criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met except the %D of Aroclor 1268 p 4 was outside QC limits off both columns in ICV 480-581327/30. This target analyte should be qualified as estimated in the blank, spike and samples.

Alternate forms of regression were used on all of the target analytes and surrogates, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of DCBP off column ZB-5 was outside QC limits in CCVIS 480-603297/5 and CCV 480-603297/31. This surrogate should be qualified as estimated in the blank, spike and samples off the associated column.

Some target analytes were outside laboratory QC limits but were within NFG QC limits, so no further action is required.

Some target analytes were outside QC limits on the confirmatory column, so no further action is required.

METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Blanks
- Laboratory Control Sample
- MS/MSD/Duplicate
- Field Duplicate
- Serial Dilution
- Compound Quantitation
- Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Blanks and Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

BLANKS

All criteria were met except several target analytes were outside QC limits above the MDL, but below the reporting limits. These target analytes should be qualified as undetected at the reporting limit in associated samples in which they were detected above the MDL, and below the reporting limit. These target analytes should be qualified as estimated high in the associated samples in which they were detected above the reporting limit.

Blank ID	Target analyte	Concentration	Qualifier	Associated Sample
MB 480-603323	Mn	.00041mg/L	JH	1-7
MB 480-603323	Zn	.00742mg/L	U at RL	1-7

LABORATORY CONTROL SAMPLE

All criteria were met.

MS/MSD/DUPLICATE

All criteria were met.

FIELD DUPLICATE

All criteria were met.

SERIAL DILUTION

No serial dilution was performed.

COMPOUND QUANTITATION

All criteria were met.

CALIBRATION

All criteria were met except the %D of some target analytes was outside QC limits. These target analytes should be qualified as estimated in the associated samples, blanks and spikes.

Calibration ID	Target Analyte	%D	Qualifier	Associated Sample
ICVL 480-604027/7	Sb	89	UJ/J	MB/LCS 480-603323, 1-7
ICVL 480-604027/7	As	84	UJ/J	1-7
ICVL 480-604027/7	Se	85	UJ/J	MB/LCS 480-603323, 1-7
CCVL 480-604027/19	Sb	82	UJ/J	MB/LCS 480-603323
CCVL 480-604027/19	Se	75	UJ/J	MB/LCS 480-603323
CCVL 480-604027/19	K	87	UJ/J	MB/LCS 480-603323
CCVL 480-604027/19	Fe	115	JH	LCS 480-603323
CCVL 480-604027/31	Sb	86	UJ/J	MB/LCS 480-603323, 1-5
CCVL 480-604027/31	As	74	UJ/J	1-5
CCVL 480-604027/31	Se	83	UJ/J	MB/LCS 480-603323, 1-5
CCVL 480-604027/31	K	86	UJ/J	MB/LCS 480-603323, 1-5
CCVL 480-604027/31	Co	89	UJ/J	MB/LCS 480-603323, 1-5
CCVL 480-604027/31	Pb	85	UJ/J	MB/LCS 480-603323, 1-5
CCVL 480-604027/43	Sb	85	UJ/J	1-7
CCVL 480-604027/43	As	85	UJ/J	1-7
CCVL 480-604027/43	Se	87	UJ/J	1-7
CCVL 480-604027/43	Co	89	UJ/J	1-7
CCVL 480-604027/43	Al	86	UJ/J	1-7
CCVL 480-604027/43	Be	112	JH	none

Calibration ID	Target Analyte	%D	Qualifier	Associated Sample
CCVL 480-604027/54	Sb	85	UJ/J	6, 7
CCVL 480-604027/54	As	72	UJ/J	6, 7
CCVL 480-604027/54	Se	76	UJ/J	6, 7
CCVL 480-604027/54	K	82	UJ/J	6, 7
CCVL 480-604027/54	Ag	86	UJ/J	6, 7
ICVL 480-604269/7	As	79	UJ/J	MB/LCS 480-603323
CCVL 480-604269/19	As	79	UJ/J	MB/LCS 480-603323
CCVL 480-604269/31	As	79	UJ/J	MB/LCS 480-603323

Nash Rd. LF #932054

SDG# 480-191735-1

Job Narrative
480-191735-1

Comments

No additional comments.

Receipt

The samples were received on 11/1/2021 4:00 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.8° C.

GC/MS VOA

Method 8260C: The following samples were excessively taped and were unable to fit in the carousel of the instrument. Therefore, they were poured off into un-taped vials and the method requirement for no headspace was not met. The following volatile samples were analyzed under these conditions with headspace in the sample container: OW - 14B (480-191735-1), OW - 14BR (480-191735-2), LPZ - 01S (480-191735-3), LPZ - 11S (480-191735-4) and LPZ - 11S DUP (480-191735-5).

Method 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: LPZ - 02S (480-191735-6) and LPZ - 02S DUP (480-191735-7). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-603588 recovered outside acceptance criteria, low biased, for Cyclohexane. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for the analyte, the data are reported. The associated samples are impacted: OW - 14B (480-191735-1), OW - 14BR (480-191735-2), LPZ - 01S (480-191735-3), LPZ - 11S (480-191735-4), LPZ - 11S DUP (480-191735-5), LPZ - 02S (480-191735-6) and LPZ - 02S DUP (480-191735-7).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA

Method 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: LPZ - 02S (480-191735-6). These results have been reported and qualified.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: OW - 14B

Lab Sample ID: 480-191735-1

Date Collected: 11/01/21 09:40

Matrix: Water

Date Received: 11/01/21 16:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/05/21 13:58	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/05/21 13:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/05/21 13:58	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/05/21 13:58	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/05/21 13:58	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/05/21 13:58	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/05/21 13:58	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/05/21 13:58	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/05/21 13:58	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/05/21 13:58	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/05/21 13:58	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/05/21 13:58	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/05/21 13:58	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/05/21 13:58	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/05/21 13:58	1
2-Hexanone	ND		5.0	1.2	ug/L			11/05/21 13:58	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/05/21 13:58	1
Acetone	ND		10	3.0	ug/L			11/05/21 13:58	1
Benzene	ND		1.0	0.41	ug/L			11/05/21 13:58	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/05/21 13:58	1
Bromoform	ND		1.0	0.26	ug/L			11/05/21 13:58	1
Bromomethane	ND		1.0	0.69	ug/L			11/05/21 13:58	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/05/21 13:58	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/05/21 13:58	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/05/21 13:58	1
Chloroethane	ND		1.0	0.32	ug/L			11/05/21 13:58	1
Chloroform	ND		1.0	0.34	ug/L			11/05/21 13:58	1
Chloromethane	ND		1.0	0.35	ug/L			11/05/21 13:58	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/05/21 13:58	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/05/21 13:58	1
Cyclohexane	ND		1.0	0.18	ug/L			11/05/21 13:58	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/05/21 13:58	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/05/21 13:58	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/05/21 13:58	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/05/21 13:58	1
Methyl acetate	ND		2.5	1.3	ug/L			11/05/21 13:58	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/05/21 13:58	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/05/21 13:58	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/05/21 13:58	1
Styrene	ND		1.0	0.73	ug/L			11/05/21 13:58	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/05/21 13:58	1
Toluene	ND		1.0	0.51	ug/L			11/05/21 13:58	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/05/21 13:58	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/05/21 13:58	1
Trichloroethene	ND		1.0	0.46	ug/L			11/05/21 13:58	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/05/21 13:58	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/05/21 13:58	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/05/21 13:58	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: OW - 14B

Lab Sample ID: 480-191735-1

Date Collected: 11/01/21 09:40

Matrix: Water

Date Received: 11/01/21 16:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		11/05/21 13:58	1
4-Bromofluorobenzene (Surr)	103		73 - 120		11/05/21 13:58	1
Toluene-d8 (Surr)	100		80 - 120		11/05/21 13:58	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/03/21 07:03	11/05/21 16:36	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/03/21 07:03	11/05/21 16:36	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/03/21 07:03	11/05/21 16:36	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/03/21 07:03	11/05/21 16:36	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/03/21 07:03	11/05/21 16:36	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/03/21 07:03	11/05/21 16:36	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/03/21 07:03	11/05/21 16:36	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/03/21 07:03	11/05/21 16:36	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 16:36	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/03/21 07:03	11/05/21 16:36	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/03/21 07:03	11/05/21 16:36	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/03/21 07:03	11/05/21 16:36	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 16:36	1
2-Nitroaniline	ND		10	0.42	ug/L		11/03/21 07:03	11/05/21 16:36	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/03/21 07:03	11/05/21 16:36	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 16:36	1
3-Nitroaniline	ND		10	0.48	ug/L		11/03/21 07:03	11/05/21 16:36	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/03/21 07:03	11/05/21 16:36	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/03/21 07:03	11/05/21 16:36	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/03/21 07:03	11/05/21 16:36	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/03/21 07:03	11/05/21 16:36	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/03/21 07:03	11/05/21 16:36	1
4-Methylphenol	ND		10	0.36	ug/L		11/03/21 07:03	11/05/21 16:36	1
4-Nitroaniline	ND		10	0.25	ug/L		11/03/21 07:03	11/05/21 16:36	1
4-Nitrophenol	ND		10	1.5	ug/L		11/03/21 07:03	11/05/21 16:36	1
Acenaphthene	ND		5.0	0.41	ug/L		11/03/21 07:03	11/05/21 16:36	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/03/21 07:03	11/05/21 16:36	1
Acetophenone	ND		5.0	0.54	ug/L		11/03/21 07:03	11/05/21 16:36	1
Anthracene	ND		5.0	0.28	ug/L		11/03/21 07:03	11/05/21 16:36	1
Atrazine	ND		5.0	0.46	ug/L		11/03/21 07:03	11/05/21 16:36	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/03/21 07:03	11/05/21 16:36	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/03/21 07:03	11/05/21 16:36	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/03/21 07:03	11/05/21 16:36	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/03/21 07:03	11/05/21 16:36	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/03/21 07:03	11/05/21 16:36	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/03/21 07:03	11/05/21 16:36	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/03/21 07:03	11/05/21 16:36	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 16:36	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/03/21 07:03	11/05/21 16:36	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/03/21 07:03	11/05/21 16:36	1
Caprolactam	ND		5.0	2.2	ug/L		11/03/21 07:03	11/05/21 16:36	1
Carbazole	ND		5.0	0.30	ug/L		11/03/21 07:03	11/05/21 16:36	1
Chrysene	ND		5.0	0.33	ug/L		11/03/21 07:03	11/05/21 16:36	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/03/21 07:03	11/05/21 16:36	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: OW - 14B

Lab Sample ID: 480-191735-1

Date Collected: 11/01/21 09:40

Matrix: Water

Date Received: 11/01/21 16:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/03/21 07:03	11/05/21 16:36	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/03/21 07:03	11/05/21 16:36	1
Dibenzofuran	ND		10	0.51	ug/L		11/03/21 07:03	11/05/21 16:36	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/03/21 07:03	11/05/21 16:36	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/03/21 07:03	11/05/21 16:36	1
Fluoranthene	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 16:36	1
Fluorene	ND		5.0	0.36	ug/L		11/03/21 07:03	11/05/21 16:36	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/03/21 07:03	11/05/21 16:36	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/03/21 07:03	11/05/21 16:36	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/03/21 07:03	11/05/21 16:36	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/03/21 07:03	11/05/21 16:36	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/03/21 07:03	11/05/21 16:36	1
Isophorone	ND		5.0	0.43	ug/L		11/03/21 07:03	11/05/21 16:36	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/03/21 07:03	11/05/21 16:36	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/03/21 07:03	11/05/21 16:36	1
Naphthalene	ND		5.0	0.76	ug/L		11/03/21 07:03	11/05/21 16:36	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/03/21 07:03	11/05/21 16:36	1
Pentachlorophenol	ND		10	2.2	ug/L		11/03/21 07:03	11/05/21 16:36	1
Phenanthrene	ND		5.0	0.44	ug/L		11/03/21 07:03	11/05/21 16:36	1
Phenol	ND		5.0	0.39	ug/L		11/03/21 07:03	11/05/21 16:36	1
Pyrene	ND		5.0	0.34	ug/L		11/03/21 07:03	11/05/21 16:36	1
Benzoic acid	ND		150	100	ug/L		11/03/21 07:03	11/05/21 16:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	114		41 - 120	11/03/21 07:03	11/05/21 16:36	1
2-Fluorobiphenyl	117		48 - 120	11/03/21 07:03	11/05/21 16:36	1
2-Fluorophenol	86		35 - 120	11/03/21 07:03	11/05/21 16:36	1
Nitrobenzene-d5	97		46 - 120	11/03/21 07:03	11/05/21 16:36	1
p-Terphenyl-d14	94		60 - 148	11/03/21 07:03	11/05/21 16:36	1
Phenol-d5	63		22 - 120	11/03/21 07:03	11/05/21 16:36	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/04/21 09:15	11/04/21 16:56	1
4,4'-DDE	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 16:56	1
4,4'-DDT	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 16:56	1
Aldrin	ND		0.050	0.0081	ug/L		11/04/21 09:15	11/04/21 16:56	1
alpha-BHC	ND		0.050	0.0077	ug/L		11/04/21 09:15	11/04/21 16:56	1
cis-Chlordane	ND		0.050	0.015	ug/L		11/04/21 09:15	11/04/21 16:56	1
beta-BHC	ND		0.050	0.025	ug/L		11/04/21 09:15	11/04/21 16:56	1
delta-BHC	ND		0.050	0.010	ug/L		11/04/21 09:15	11/04/21 16:56	1
Dieldrin	ND		0.050	0.0098	ug/L		11/04/21 09:15	11/04/21 16:56	1
Endosulfan I	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 16:56	1
Endosulfan II	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 16:56	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		11/04/21 09:15	11/04/21 16:56	1
Endrin	ND		0.050	0.014	ug/L		11/04/21 09:15	11/04/21 16:56	1
Endrin aldehyde	ND		0.050	0.016	ug/L		11/04/21 09:15	11/04/21 16:56	1
Endrin ketone	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 16:56	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		11/04/21 09:15	11/04/21 16:56	1
trans-Chlordane	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 16:56	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: OW - 14B

Lab Sample ID: 480-191735-1

Date Collected: 11/01/21 09:40

Matrix: Water

Date Received: 11/01/21 16:00

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.050	0.0085	ug/L		11/04/21 09:15	11/04/21 16:56	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		11/04/21 09:15	11/04/21 16:56	1
Methoxychlor	ND		0.050	0.014	ug/L		11/04/21 09:15	11/04/21 16:56	1
Toxaphene	ND		0.50	0.12	ug/L		11/04/21 09:15	11/04/21 16:56	1
Mirex	ND		0.050	0.0096	ug/L		11/04/21 09:15	11/04/21 16:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	61		20 - 120	11/04/21 09:15	11/04/21 16:56	1
DCB Decachlorobiphenyl	59		20 - 120	11/04/21 09:15	11/04/21 16:56	1
Tetrachloro-m-xylene	76		44 - 120	11/04/21 09:15	11/04/21 16:56	1
Tetrachloro-m-xylene	76		44 - 120	11/04/21 09:15	11/04/21 16:56	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 20:05	1
PCB-1221	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 20:05	1
PCB-1232	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 20:05	1
PCB-1242	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 20:05	1
PCB-1248	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 20:05	1
PCB-1254	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 20:05	1
PCB-1260	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 20:05	1
PCB-1262	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 20:05	1
PCB-1268	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 20:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	95		39 - 121	11/02/21 14:23	11/03/21 20:05	1
Tetrachloro-m-xylene	93		39 - 121	11/02/21 14:23	11/03/21 20:05	1
DCB Decachlorobiphenyl	85		19 - 120	11/02/21 14:23	11/03/21 20:05	1
DCB Decachlorobiphenyl	48		19 - 120	11/02/21 14:23	11/03/21 20:05	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/04/21 09:20	11/08/21 13:58	1
Antimony	ND		0.020	0.0068	mg/L		11/04/21 09:20	11/08/21 13:58	1
Arsenic	ND		0.015	0.0056	mg/L		11/04/21 09:20	11/08/21 13:58	1
Barium	0.025		0.0020	0.00070	mg/L		11/04/21 09:20	11/08/21 13:58	1
Beryllium	ND		0.0020	0.00030	mg/L		11/04/21 09:20	11/08/21 13:58	1
Cadmium	ND		0.0020	0.00050	mg/L		11/04/21 09:20	11/08/21 13:58	1
Calcium	397		0.50	0.10	mg/L		11/04/21 09:20	11/08/21 13:58	1
Chromium	ND		0.0040	0.0010	mg/L		11/04/21 09:20	11/08/21 13:58	1
Cobalt	0.0012	J	0.0040	0.00063	mg/L		11/04/21 09:20	11/08/21 13:58	1
Copper	0.0019	J	0.010	0.0016	mg/L		11/04/21 09:20	11/08/21 13:58	1
Iron	2.1		0.050	0.019	mg/L		11/04/21 09:20	11/08/21 13:58	1
Lead	0.0032	J	0.010	0.0030	mg/L		11/04/21 09:20	11/08/21 13:58	1
Magnesium	70.2		0.20	0.043	mg/L		11/04/21 09:20	11/08/21 13:58	1
Manganese	1.1	B	0.0030	0.00040	mg/L		11/04/21 09:20	11/08/21 13:58	1
Nickel	0.0018	J	0.010	0.0013	mg/L		11/04/21 09:20	11/08/21 13:58	1
Potassium	1.9	B	0.50	0.10	mg/L		11/04/21 09:20	11/08/21 13:58	1
Selenium	ND		0.025	0.0087	mg/L		11/04/21 09:20	11/08/21 13:58	1
Silver	ND		0.0060	0.0017	mg/L		11/04/21 09:20	11/08/21 13:58	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: OW - 14B

Lab Sample ID: 480-191735-1

Date Collected: 11/01/21 09:40

Matrix: Water

Date Received: 11/01/21 16:00

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	42.8		1.0	0.32	mg/L		11/04/21 09:20	11/08/21 13:58	1
Thallium	ND		0.020	0.010	mg/L		11/04/21 09:20	11/08/21 13:58	1
Vanadium	ND		0.0050	0.0015	mg/L		11/04/21 09:20	11/08/21 13:58	1
Zinc	0.0026	J B	0.010	0.0015	mg/L		11/04/21 09:20	11/08/21 13:58	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		11/08/21 13:57	11/08/21 17:55	1

Client Sample ID: OW - 14BR

Lab Sample ID: 480-191735-2

Date Collected: 11/01/21 10:45

Matrix: Water

Date Received: 11/01/21 16:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/05/21 14:22	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/05/21 14:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/05/21 14:22	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/05/21 14:22	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/05/21 14:22	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/05/21 14:22	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/05/21 14:22	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/05/21 14:22	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/05/21 14:22	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/05/21 14:22	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/05/21 14:22	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/05/21 14:22	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/05/21 14:22	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/05/21 14:22	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/05/21 14:22	1
2-Hexanone	ND		5.0	1.2	ug/L			11/05/21 14:22	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/05/21 14:22	1
Acetone	ND		10	3.0	ug/L			11/05/21 14:22	1
Benzene	ND		1.0	0.41	ug/L			11/05/21 14:22	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/05/21 14:22	1
Bromoform	ND		1.0	0.26	ug/L			11/05/21 14:22	1
Bromomethane	ND		1.0	0.69	ug/L			11/05/21 14:22	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/05/21 14:22	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/05/21 14:22	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/05/21 14:22	1
Chloroethane	ND		1.0	0.32	ug/L			11/05/21 14:22	1
Chloroform	ND		1.0	0.34	ug/L			11/05/21 14:22	1
Chloromethane	ND		1.0	0.35	ug/L			11/05/21 14:22	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/05/21 14:22	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/05/21 14:22	1
Cyclohexane	ND		1.0	0.18	ug/L			11/05/21 14:22	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/05/21 14:22	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/05/21 14:22	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/05/21 14:22	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/05/21 14:22	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: OW - 14BR

Lab Sample ID: 480-191735-2

Date Collected: 11/01/21 10:45

Matrix: Water

Date Received: 11/01/21 16:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl acetate	ND		2.5	1.3	ug/L			11/05/21 14:22	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/05/21 14:22	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/05/21 14:22	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/05/21 14:22	1
Styrene	ND		1.0	0.73	ug/L			11/05/21 14:22	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/05/21 14:22	1
Toluene	ND		1.0	0.51	ug/L			11/05/21 14:22	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/05/21 14:22	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/05/21 14:22	1
Trichloroethene	ND		1.0	0.46	ug/L			11/05/21 14:22	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/05/21 14:22	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/05/21 14:22	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/05/21 14:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		11/05/21 14:22	1
4-Bromofluorobenzene (Surr)	101		73 - 120		11/05/21 14:22	1
Toluene-d8 (Surr)	97		80 - 120		11/05/21 14:22	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/03/21 07:03	11/05/21 17:04	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/03/21 07:03	11/05/21 17:04	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/03/21 07:03	11/05/21 17:04	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/03/21 07:03	11/05/21 17:04	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/03/21 07:03	11/05/21 17:04	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/03/21 07:03	11/05/21 17:04	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/03/21 07:03	11/05/21 17:04	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/03/21 07:03	11/05/21 17:04	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 17:04	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/03/21 07:03	11/05/21 17:04	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/03/21 07:03	11/05/21 17:04	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/03/21 07:03	11/05/21 17:04	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 17:04	1
2-Nitroaniline	ND		10	0.42	ug/L		11/03/21 07:03	11/05/21 17:04	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/03/21 07:03	11/05/21 17:04	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 17:04	1
3-Nitroaniline	ND		10	0.48	ug/L		11/03/21 07:03	11/05/21 17:04	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/03/21 07:03	11/05/21 17:04	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/03/21 07:03	11/05/21 17:04	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/03/21 07:03	11/05/21 17:04	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/03/21 07:03	11/05/21 17:04	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/03/21 07:03	11/05/21 17:04	1
4-Methylphenol	ND		10	0.36	ug/L		11/03/21 07:03	11/05/21 17:04	1
4-Nitroaniline	ND		10	0.25	ug/L		11/03/21 07:03	11/05/21 17:04	1
4-Nitrophenol	ND		10	1.5	ug/L		11/03/21 07:03	11/05/21 17:04	1
Acenaphthene	ND		5.0	0.41	ug/L		11/03/21 07:03	11/05/21 17:04	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/03/21 07:03	11/05/21 17:04	1
Acetophenone	ND		5.0	0.54	ug/L		11/03/21 07:03	11/05/21 17:04	1
Anthracene	ND		5.0	0.28	ug/L		11/03/21 07:03	11/05/21 17:04	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: OW - 14BR

Lab Sample ID: 480-191735-2

Date Collected: 11/01/21 10:45

Matrix: Water

Date Received: 11/01/21 16:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	ND		5.0	0.46	ug/L		11/03/21 07:03	11/05/21 17:04	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/03/21 07:03	11/05/21 17:04	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/03/21 07:03	11/05/21 17:04	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/03/21 07:03	11/05/21 17:04	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/03/21 07:03	11/05/21 17:04	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/03/21 07:03	11/05/21 17:04	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/03/21 07:03	11/05/21 17:04	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/03/21 07:03	11/05/21 17:04	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 17:04	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/03/21 07:03	11/05/21 17:04	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/03/21 07:03	11/05/21 17:04	1
Caprolactam	ND		5.0	2.2	ug/L		11/03/21 07:03	11/05/21 17:04	1
Carbazole	ND		5.0	0.30	ug/L		11/03/21 07:03	11/05/21 17:04	1
Chrysene	ND		5.0	0.33	ug/L		11/03/21 07:03	11/05/21 17:04	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/03/21 07:03	11/05/21 17:04	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/03/21 07:03	11/05/21 17:04	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/03/21 07:03	11/05/21 17:04	1
Dibenzofuran	ND		10	0.51	ug/L		11/03/21 07:03	11/05/21 17:04	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/03/21 07:03	11/05/21 17:04	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/03/21 07:03	11/05/21 17:04	1
Fluoranthene	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 17:04	1
Fluorene	ND		5.0	0.36	ug/L		11/03/21 07:03	11/05/21 17:04	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/03/21 07:03	11/05/21 17:04	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/03/21 07:03	11/05/21 17:04	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/03/21 07:03	11/05/21 17:04	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/03/21 07:03	11/05/21 17:04	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/03/21 07:03	11/05/21 17:04	1
Isophorone	ND		5.0	0.43	ug/L		11/03/21 07:03	11/05/21 17:04	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/03/21 07:03	11/05/21 17:04	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/03/21 07:03	11/05/21 17:04	1
Naphthalene	ND		5.0	0.76	ug/L		11/03/21 07:03	11/05/21 17:04	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/03/21 07:03	11/05/21 17:04	1
Pentachlorophenol	ND		10	2.2	ug/L		11/03/21 07:03	11/05/21 17:04	1
Phenanthrene	ND		5.0	0.44	ug/L		11/03/21 07:03	11/05/21 17:04	1
Phenol	ND		5.0	0.39	ug/L		11/03/21 07:03	11/05/21 17:04	1
Pyrene	ND		5.0	0.34	ug/L		11/03/21 07:03	11/05/21 17:04	1
Benzoic acid	ND		150	100	ug/L		11/03/21 07:03	11/05/21 17:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	85		41 - 120	11/03/21 07:03	11/05/21 17:04	1
2-Fluorobiphenyl	106		48 - 120	11/03/21 07:03	11/05/21 17:04	1
2-Fluorophenol	74		35 - 120	11/03/21 07:03	11/05/21 17:04	1
Nitrobenzene-d5	86		46 - 120	11/03/21 07:03	11/05/21 17:04	1
p-Terphenyl-d14	79		60 - 148	11/03/21 07:03	11/05/21 17:04	1
Phenol-d5	56		22 - 120	11/03/21 07:03	11/05/21 17:04	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/04/21 09:15	11/04/21 17:15	1
4,4'-DDE	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 17:15	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: OW - 14BR

Lab Sample ID: 480-191735-2

Date Collected: 11/01/21 10:45

Matrix: Water

Date Received: 11/01/21 16:00

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 17:15	1
Aldrin	ND		0.050	0.0081	ug/L		11/04/21 09:15	11/04/21 17:15	1
alpha-BHC	ND		0.050	0.0077	ug/L		11/04/21 09:15	11/04/21 17:15	1
cis-Chlordane	ND		0.050	0.015	ug/L		11/04/21 09:15	11/04/21 17:15	1
beta-BHC	ND		0.050	0.025	ug/L		11/04/21 09:15	11/04/21 17:15	1
delta-BHC	ND		0.050	0.010	ug/L		11/04/21 09:15	11/04/21 17:15	1
Dieldrin	ND		0.050	0.0098	ug/L		11/04/21 09:15	11/04/21 17:15	1
Endosulfan I	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 17:15	1
Endosulfan II	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 17:15	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		11/04/21 09:15	11/04/21 17:15	1
Endrin	ND		0.050	0.014	ug/L		11/04/21 09:15	11/04/21 17:15	1
Endrin aldehyde	ND		0.050	0.016	ug/L		11/04/21 09:15	11/04/21 17:15	1
Endrin ketone	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 17:15	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		11/04/21 09:15	11/04/21 17:15	1
trans-Chlordane	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 17:15	1
Heptachlor	ND		0.050	0.0085	ug/L		11/04/21 09:15	11/04/21 17:15	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		11/04/21 09:15	11/04/21 17:15	1
Methoxychlor	ND		0.050	0.014	ug/L		11/04/21 09:15	11/04/21 17:15	1
Toxaphene	ND		0.50	0.12	ug/L		11/04/21 09:15	11/04/21 17:15	1
Mirex	ND		0.050	0.0096	ug/L		11/04/21 09:15	11/04/21 17:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	59		20 - 120	11/04/21 09:15	11/04/21 17:15	1
DCB Decachlorobiphenyl	55		20 - 120	11/04/21 09:15	11/04/21 17:15	1
Tetrachloro-m-xylene	69		44 - 120	11/04/21 09:15	11/04/21 17:15	1
Tetrachloro-m-xylene	76		44 - 120	11/04/21 09:15	11/04/21 17:15	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 20:18	1
PCB-1221	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 20:18	1
PCB-1232	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 20:18	1
PCB-1242	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 20:18	1
PCB-1248	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 20:18	1
PCB-1254	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 20:18	1
PCB-1260	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 20:18	1
PCB-1262	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 20:18	1
PCB-1268	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 20:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	83		39 - 121	11/02/21 14:23	11/03/21 20:18	1
Tetrachloro-m-xylene	84		39 - 121	11/02/21 14:23	11/03/21 20:18	1
DCB Decachlorobiphenyl	77		19 - 120	11/02/21 14:23	11/03/21 20:18	1
DCB Decachlorobiphenyl	45		19 - 120	11/02/21 14:23	11/03/21 20:18	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/04/21 09:20	11/08/21 14:01	1
Antimony	ND		0.020	0.0068	mg/L		11/04/21 09:20	11/08/21 14:01	1
Arsenic	ND		0.015	0.0056	mg/L		11/04/21 09:20	11/08/21 14:01	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: OW - 14BR

Lab Sample ID: 480-191735-2

Date Collected: 11/01/21 10:45

Matrix: Water

Date Received: 11/01/21 16:00

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.053		0.0020	0.00070	mg/L		11/04/21 09:20	11/08/21 14:01	1
Beryllium	ND		0.0020	0.00030	mg/L		11/04/21 09:20	11/08/21 14:01	1
Cadmium	ND		0.0020	0.00050	mg/L		11/04/21 09:20	11/08/21 14:01	1
Calcium	205		0.50	0.10	mg/L		11/04/21 09:20	11/08/21 14:01	1
Chromium	ND		0.0040	0.0010	mg/L		11/04/21 09:20	11/08/21 14:01	1
Cobalt	0.0019	J	0.0040	0.00063	mg/L		11/04/21 09:20	11/08/21 14:01	1
Copper	ND		0.010	0.0016	mg/L		11/04/21 09:20	11/08/21 14:01	1
Iron	0.26		0.050	0.019	mg/L		11/04/21 09:20	11/08/21 14:01	1
Lead	ND		0.010	0.0030	mg/L		11/04/21 09:20	11/08/21 14:01	1
Magnesium	41.8		0.20	0.043	mg/L		11/04/21 09:20	11/08/21 14:01	1
Manganese	1.8	B	0.0030	0.00040	mg/L		11/04/21 09:20	11/08/21 14:01	1
Nickel	0.0031	J	0.010	0.0013	mg/L		11/04/21 09:20	11/08/21 14:01	1
Potassium	7.6	B	0.50	0.10	mg/L		11/04/21 09:20	11/08/21 14:01	1
Selenium	ND		0.025	0.0087	mg/L		11/04/21 09:20	11/08/21 14:01	1
Silver	ND		0.0060	0.0017	mg/L		11/04/21 09:20	11/08/21 14:01	1
Sodium	18.4		1.0	0.32	mg/L		11/04/21 09:20	11/08/21 14:01	1
Thallium	ND		0.020	0.010	mg/L		11/04/21 09:20	11/08/21 14:01	1
Vanadium	ND		0.0050	0.0015	mg/L		11/04/21 09:20	11/08/21 14:01	1
Zinc	0.0049	J B	0.010	0.0015	mg/L		11/04/21 09:20	11/08/21 14:01	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		11/09/21 13:30	11/09/21 16:17	1

Client Sample ID: LPZ - 01S

Lab Sample ID: 480-191735-3

Date Collected: 11/01/21 11:45

Matrix: Water

Date Received: 11/01/21 16:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/05/21 14:45	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/05/21 14:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/05/21 14:45	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/05/21 14:45	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/05/21 14:45	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/05/21 14:45	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/05/21 14:45	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/05/21 14:45	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/05/21 14:45	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/05/21 14:45	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/05/21 14:45	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/05/21 14:45	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/05/21 14:45	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/05/21 14:45	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/05/21 14:45	1
2-Hexanone	ND		5.0	1.2	ug/L			11/05/21 14:45	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/05/21 14:45	1
Acetone	ND		10	3.0	ug/L			11/05/21 14:45	1
Benzene	ND		1.0	0.41	ug/L			11/05/21 14:45	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/05/21 14:45	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: LPZ - 01S

Lab Sample ID: 480-191735-3

Date Collected: 11/01/21 11:45

Matrix: Water

Date Received: 11/01/21 16:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		1.0	0.26	ug/L			11/05/21 14:45	1
Bromomethane	ND		1.0	0.69	ug/L			11/05/21 14:45	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/05/21 14:45	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/05/21 14:45	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/05/21 14:45	1
Chloroethane	ND		1.0	0.32	ug/L			11/05/21 14:45	1
Chloroform	ND		1.0	0.34	ug/L			11/05/21 14:45	1
Chloromethane	ND		1.0	0.35	ug/L			11/05/21 14:45	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/05/21 14:45	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/05/21 14:45	1
Cyclohexane	ND		1.0	0.18	ug/L			11/05/21 14:45	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/05/21 14:45	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/05/21 14:45	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/05/21 14:45	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/05/21 14:45	1
Methyl acetate	ND		2.5	1.3	ug/L			11/05/21 14:45	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/05/21 14:45	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/05/21 14:45	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/05/21 14:45	1
Styrene	ND		1.0	0.73	ug/L			11/05/21 14:45	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/05/21 14:45	1
Toluene	ND		1.0	0.51	ug/L			11/05/21 14:45	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/05/21 14:45	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/05/21 14:45	1
Trichloroethene	ND		1.0	0.46	ug/L			11/05/21 14:45	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/05/21 14:45	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/05/21 14:45	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/05/21 14:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		11/05/21 14:45	1
4-Bromofluorobenzene (Surr)	103		73 - 120		11/05/21 14:45	1
Toluene-d8 (Surr)	99		80 - 120		11/05/21 14:45	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/03/21 07:03	11/05/21 17:32	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/03/21 07:03	11/05/21 17:32	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/03/21 07:03	11/05/21 17:32	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/03/21 07:03	11/05/21 17:32	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/03/21 07:03	11/05/21 17:32	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/03/21 07:03	11/05/21 17:32	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/03/21 07:03	11/05/21 17:32	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/03/21 07:03	11/05/21 17:32	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 17:32	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/03/21 07:03	11/05/21 17:32	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/03/21 07:03	11/05/21 17:32	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/03/21 07:03	11/05/21 17:32	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 17:32	1
2-Nitroaniline	ND		10	0.42	ug/L		11/03/21 07:03	11/05/21 17:32	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: LPZ - 01S

Lab Sample ID: 480-191735-3

Date Collected: 11/01/21 11:45

Matrix: Water

Date Received: 11/01/21 16:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	ND		5.0	0.48	ug/L		11/03/21 07:03	11/05/21 17:32	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 17:32	1
3-Nitroaniline	ND		10	0.48	ug/L		11/03/21 07:03	11/05/21 17:32	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/03/21 07:03	11/05/21 17:32	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/03/21 07:03	11/05/21 17:32	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/03/21 07:03	11/05/21 17:32	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/03/21 07:03	11/05/21 17:32	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/03/21 07:03	11/05/21 17:32	1
4-Methylphenol	ND		10	0.36	ug/L		11/03/21 07:03	11/05/21 17:32	1
4-Nitroaniline	ND		10	0.25	ug/L		11/03/21 07:03	11/05/21 17:32	1
4-Nitrophenol	ND		10	1.5	ug/L		11/03/21 07:03	11/05/21 17:32	1
Acenaphthene	ND		5.0	0.41	ug/L		11/03/21 07:03	11/05/21 17:32	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/03/21 07:03	11/05/21 17:32	1
Acetophenone	ND		5.0	0.54	ug/L		11/03/21 07:03	11/05/21 17:32	1
Anthracene	ND		5.0	0.28	ug/L		11/03/21 07:03	11/05/21 17:32	1
Atrazine	ND		5.0	0.46	ug/L		11/03/21 07:03	11/05/21 17:32	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/03/21 07:03	11/05/21 17:32	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/03/21 07:03	11/05/21 17:32	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/03/21 07:03	11/05/21 17:32	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/03/21 07:03	11/05/21 17:32	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/03/21 07:03	11/05/21 17:32	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/03/21 07:03	11/05/21 17:32	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/03/21 07:03	11/05/21 17:32	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 17:32	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/03/21 07:03	11/05/21 17:32	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/03/21 07:03	11/05/21 17:32	1
Caprolactam	ND		5.0	2.2	ug/L		11/03/21 07:03	11/05/21 17:32	1
Carbazole	ND		5.0	0.30	ug/L		11/03/21 07:03	11/05/21 17:32	1
Chrysene	ND		5.0	0.33	ug/L		11/03/21 07:03	11/05/21 17:32	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/03/21 07:03	11/05/21 17:32	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/03/21 07:03	11/05/21 17:32	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/03/21 07:03	11/05/21 17:32	1
Dibenzofuran	ND		10	0.51	ug/L		11/03/21 07:03	11/05/21 17:32	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/03/21 07:03	11/05/21 17:32	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/03/21 07:03	11/05/21 17:32	1
Fluoranthene	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 17:32	1
Fluorene	ND		5.0	0.36	ug/L		11/03/21 07:03	11/05/21 17:32	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/03/21 07:03	11/05/21 17:32	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/03/21 07:03	11/05/21 17:32	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/03/21 07:03	11/05/21 17:32	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/03/21 07:03	11/05/21 17:32	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/03/21 07:03	11/05/21 17:32	1
Isophorone	ND		5.0	0.43	ug/L		11/03/21 07:03	11/05/21 17:32	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/03/21 07:03	11/05/21 17:32	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/03/21 07:03	11/05/21 17:32	1
Naphthalene	ND		5.0	0.76	ug/L		11/03/21 07:03	11/05/21 17:32	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/03/21 07:03	11/05/21 17:32	1
Pentachlorophenol	ND		10	2.2	ug/L		11/03/21 07:03	11/05/21 17:32	1
Phenanthrene	ND		5.0	0.44	ug/L		11/03/21 07:03	11/05/21 17:32	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: LPZ - 01S

Lab Sample ID: 480-191735-3

Date Collected: 11/01/21 11:45

Matrix: Water

Date Received: 11/01/21 16:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		5.0	0.39	ug/L		11/03/21 07:03	11/05/21 17:32	1
Pyrene	ND		5.0	0.34	ug/L		11/03/21 07:03	11/05/21 17:32	1
Benzoic acid	ND		150	100	ug/L		11/03/21 07:03	11/05/21 17:32	1

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	105		41 - 120				11/03/21 07:03	11/05/21 17:32	1
2-Fluorobiphenyl	111		48 - 120				11/03/21 07:03	11/05/21 17:32	1
2-Fluorophenol	77		35 - 120				11/03/21 07:03	11/05/21 17:32	1
Nitrobenzene-d5	92		46 - 120				11/03/21 07:03	11/05/21 17:32	1
p-Terphenyl-d14	83		60 - 148				11/03/21 07:03	11/05/21 17:32	1
Phenol-d5	59		22 - 120				11/03/21 07:03	11/05/21 17:32	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/04/21 09:15	11/04/21 17:35	1
4,4'-DDE	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 17:35	1
4,4'-DDT	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 17:35	1
Aldrin	ND		0.050	0.0081	ug/L		11/04/21 09:15	11/04/21 17:35	1
alpha-BHC	ND		0.050	0.0077	ug/L		11/04/21 09:15	11/04/21 17:35	1
cis-Chlordane	ND		0.050	0.015	ug/L		11/04/21 09:15	11/04/21 17:35	1
beta-BHC	ND		0.050	0.025	ug/L		11/04/21 09:15	11/04/21 17:35	1
delta-BHC	ND		0.050	0.010	ug/L		11/04/21 09:15	11/04/21 17:35	1
Dieldrin	ND		0.050	0.0098	ug/L		11/04/21 09:15	11/04/21 17:35	1
Endosulfan I	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 17:35	1
Endosulfan II	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 17:35	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		11/04/21 09:15	11/04/21 17:35	1
Endrin	ND		0.050	0.014	ug/L		11/04/21 09:15	11/04/21 17:35	1
Endrin aldehyde	ND		0.050	0.016	ug/L		11/04/21 09:15	11/04/21 17:35	1
Endrin ketone	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 17:35	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		11/04/21 09:15	11/04/21 17:35	1
trans-Chlordane	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 17:35	1
Heptachlor	ND		0.050	0.0085	ug/L		11/04/21 09:15	11/04/21 17:35	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		11/04/21 09:15	11/04/21 17:35	1
Methoxychlor	ND		0.050	0.014	ug/L		11/04/21 09:15	11/04/21 17:35	1
Toxaphene	ND		0.50	0.12	ug/L		11/04/21 09:15	11/04/21 17:35	1
Mirex	ND		0.050	0.0096	ug/L		11/04/21 09:15	11/04/21 17:35	1

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	56		20 - 120				11/04/21 09:15	11/04/21 17:35	1
DCB Decachlorobiphenyl	51		20 - 120				11/04/21 09:15	11/04/21 17:35	1
Tetrachloro-m-xylene	72		44 - 120				11/04/21 09:15	11/04/21 17:35	1
Tetrachloro-m-xylene	69		44 - 120				11/04/21 09:15	11/04/21 17:35	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 20:31	1
PCB-1221	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 20:31	1
PCB-1232	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 20:31	1
PCB-1242	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 20:31	1
PCB-1248	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 20:31	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: LPZ - 01S

Lab Sample ID: 480-191735-3

Date Collected: 11/01/21 11:45

Matrix: Water

Date Received: 11/01/21 16:00

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1254	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 20:31	1
PCB-1260	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 20:31	1
PCB-1262	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 20:31	1
PCB-1268	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 20:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	91		39 - 121				11/02/21 14:23	11/03/21 20:31	1
Tetrachloro-m-xylene	87		39 - 121				11/02/21 14:23	11/03/21 20:31	1
DCB Decachlorobiphenyl	84		19 - 120				11/02/21 14:23	11/03/21 20:31	1
DCB Decachlorobiphenyl	50		19 - 120				11/02/21 14:23	11/03/21 20:31	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/04/21 09:20	11/08/21 14:05	1
Antimony	ND		0.020	0.0068	mg/L		11/04/21 09:20	11/08/21 14:05	1
Arsenic	ND		0.015	0.0056	mg/L		11/04/21 09:20	11/08/21 14:05	1
Barium	0.038		0.0020	0.00070	mg/L		11/04/21 09:20	11/08/21 14:05	1
Beryllium	ND		0.0020	0.00030	mg/L		11/04/21 09:20	11/08/21 14:05	1
Cadmium	ND		0.0020	0.00050	mg/L		11/04/21 09:20	11/08/21 14:05	1
Calcium	290		0.50	0.10	mg/L		11/04/21 09:20	11/08/21 14:05	1
Chromium	ND		0.0040	0.0010	mg/L		11/04/21 09:20	11/08/21 14:05	1
Cobalt	0.0030	J	0.0040	0.00063	mg/L		11/04/21 09:20	11/08/21 14:05	1
Copper	ND		0.010	0.0016	mg/L		11/04/21 09:20	11/08/21 14:05	1
Iron	0.94		0.050	0.019	mg/L		11/04/21 09:20	11/08/21 14:05	1
Lead	0.0031	J	0.010	0.0030	mg/L		11/04/21 09:20	11/08/21 14:05	1
Magnesium	66.0		0.20	0.043	mg/L		11/04/21 09:20	11/08/21 14:05	1
Manganese	0.86	B	0.0030	0.00040	mg/L		11/04/21 09:20	11/08/21 14:05	1
Nickel	0.0044	J	0.010	0.0013	mg/L		11/04/21 09:20	11/08/21 14:05	1
Potassium	10.4	B	0.50	0.10	mg/L		11/04/21 09:20	11/08/21 14:05	1
Selenium	ND		0.025	0.0087	mg/L		11/04/21 09:20	11/08/21 14:05	1
Silver	ND		0.0060	0.0017	mg/L		11/04/21 09:20	11/08/21 14:05	1
Sodium	42.2		1.0	0.32	mg/L		11/04/21 09:20	11/08/21 14:05	1
Thallium	ND		0.020	0.010	mg/L		11/04/21 09:20	11/08/21 14:05	1
Vanadium	ND		0.0050	0.0015	mg/L		11/04/21 09:20	11/08/21 14:05	1
Zinc	0.0039	J B	0.010	0.0015	mg/L		11/04/21 09:20	11/08/21 14:05	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		11/09/21 13:30	11/09/21 16:23	1

Client Sample ID: LPZ - 11S

Lab Sample ID: 480-191735-4

Date Collected: 11/01/21 14:00

Matrix: Water

Date Received: 11/01/21 16:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/05/21 15:08	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/05/21 15:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/05/21 15:08	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/05/21 15:08	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/05/21 15:08	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: LPZ - 11S

Lab Sample ID: 480-191735-4

Date Collected: 11/01/21 14:00

Matrix: Water

Date Received: 11/01/21 16:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/05/21 15:08	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/05/21 15:08	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/05/21 15:08	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/05/21 15:08	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/05/21 15:08	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/05/21 15:08	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/05/21 15:08	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/05/21 15:08	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/05/21 15:08	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/05/21 15:08	1
2-Hexanone	ND		5.0	1.2	ug/L			11/05/21 15:08	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/05/21 15:08	1
Acetone	ND		10	3.0	ug/L			11/05/21 15:08	1
Benzene	ND		1.0	0.41	ug/L			11/05/21 15:08	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/05/21 15:08	1
Bromoform	ND		1.0	0.26	ug/L			11/05/21 15:08	1
Bromomethane	ND		1.0	0.69	ug/L			11/05/21 15:08	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/05/21 15:08	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/05/21 15:08	1
Chlorobenzene	1.2		1.0	0.75	ug/L			11/05/21 15:08	1
Chloroethane	ND		1.0	0.32	ug/L			11/05/21 15:08	1
Chloroform	ND		1.0	0.34	ug/L			11/05/21 15:08	1
Chloromethane	ND		1.0	0.35	ug/L			11/05/21 15:08	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/05/21 15:08	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/05/21 15:08	1
Cyclohexane	ND		1.0	0.18	ug/L			11/05/21 15:08	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/05/21 15:08	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/05/21 15:08	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/05/21 15:08	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/05/21 15:08	1
Methyl acetate	ND		2.5	1.3	ug/L			11/05/21 15:08	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/05/21 15:08	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/05/21 15:08	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/05/21 15:08	1
Styrene	ND		1.0	0.73	ug/L			11/05/21 15:08	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/05/21 15:08	1
Toluene	ND		1.0	0.51	ug/L			11/05/21 15:08	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/05/21 15:08	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/05/21 15:08	1
Trichloroethene	ND		1.0	0.46	ug/L			11/05/21 15:08	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/05/21 15:08	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/05/21 15:08	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/05/21 15:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		11/05/21 15:08	1
4-Bromofluorobenzene (Surr)	104		73 - 120		11/05/21 15:08	1
Toluene-d8 (Surr)	101		80 - 120		11/05/21 15:08	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: LPZ - 11S

Lab Sample ID: 480-191735-4

Date Collected: 11/01/21 14:00

Matrix: Water

Date Received: 11/01/21 16:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/03/21 07:03	11/05/21 17:59	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/03/21 07:03	11/05/21 17:59	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/03/21 07:03	11/05/21 17:59	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/03/21 07:03	11/05/21 17:59	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/03/21 07:03	11/05/21 17:59	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/03/21 07:03	11/05/21 17:59	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/03/21 07:03	11/05/21 17:59	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/03/21 07:03	11/05/21 17:59	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 17:59	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/03/21 07:03	11/05/21 17:59	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/03/21 07:03	11/05/21 17:59	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/03/21 07:03	11/05/21 17:59	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 17:59	1
2-Nitroaniline	ND		10	0.42	ug/L		11/03/21 07:03	11/05/21 17:59	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/03/21 07:03	11/05/21 17:59	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 17:59	1
3-Nitroaniline	ND		10	0.48	ug/L		11/03/21 07:03	11/05/21 17:59	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/03/21 07:03	11/05/21 17:59	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/03/21 07:03	11/05/21 17:59	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/03/21 07:03	11/05/21 17:59	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/03/21 07:03	11/05/21 17:59	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/03/21 07:03	11/05/21 17:59	1
4-Methylphenol	ND		10	0.36	ug/L		11/03/21 07:03	11/05/21 17:59	1
4-Nitroaniline	ND		10	0.25	ug/L		11/03/21 07:03	11/05/21 17:59	1
4-Nitrophenol	ND		10	1.5	ug/L		11/03/21 07:03	11/05/21 17:59	1
Acenaphthene	ND		5.0	0.41	ug/L		11/03/21 07:03	11/05/21 17:59	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/03/21 07:03	11/05/21 17:59	1
Acetophenone	ND		5.0	0.54	ug/L		11/03/21 07:03	11/05/21 17:59	1
Anthracene	ND		5.0	0.28	ug/L		11/03/21 07:03	11/05/21 17:59	1
Atrazine	ND		5.0	0.46	ug/L		11/03/21 07:03	11/05/21 17:59	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/03/21 07:03	11/05/21 17:59	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/03/21 07:03	11/05/21 17:59	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/03/21 07:03	11/05/21 17:59	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/03/21 07:03	11/05/21 17:59	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/03/21 07:03	11/05/21 17:59	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/03/21 07:03	11/05/21 17:59	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/03/21 07:03	11/05/21 17:59	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 17:59	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/03/21 07:03	11/05/21 17:59	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/03/21 07:03	11/05/21 17:59	1
Caprolactam	ND		5.0	2.2	ug/L		11/03/21 07:03	11/05/21 17:59	1
Carbazole	ND		5.0	0.30	ug/L		11/03/21 07:03	11/05/21 17:59	1
Chrysene	ND		5.0	0.33	ug/L		11/03/21 07:03	11/05/21 17:59	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/03/21 07:03	11/05/21 17:59	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/03/21 07:03	11/05/21 17:59	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/03/21 07:03	11/05/21 17:59	1
Dibenzofuran	ND		10	0.51	ug/L		11/03/21 07:03	11/05/21 17:59	1
Diethyl phthalate	0.62	J	5.0	0.22	ug/L		11/03/21 07:03	11/05/21 17:59	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/03/21 07:03	11/05/21 17:59	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: LPZ - 11S

Lab Sample ID: 480-191735-4

Date Collected: 11/01/21 14:00

Matrix: Water

Date Received: 11/01/21 16:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 17:59	1
Fluorene	ND		5.0	0.36	ug/L		11/03/21 07:03	11/05/21 17:59	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/03/21 07:03	11/05/21 17:59	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/03/21 07:03	11/05/21 17:59	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/03/21 07:03	11/05/21 17:59	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/03/21 07:03	11/05/21 17:59	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/03/21 07:03	11/05/21 17:59	1
Isophorone	ND		5.0	0.43	ug/L		11/03/21 07:03	11/05/21 17:59	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/03/21 07:03	11/05/21 17:59	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/03/21 07:03	11/05/21 17:59	1
Naphthalene	ND		5.0	0.76	ug/L		11/03/21 07:03	11/05/21 17:59	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/03/21 07:03	11/05/21 17:59	1
Pentachlorophenol	ND		10	2.2	ug/L		11/03/21 07:03	11/05/21 17:59	1
Phenanthrene	ND		5.0	0.44	ug/L		11/03/21 07:03	11/05/21 17:59	1
Phenol	ND		5.0	0.39	ug/L		11/03/21 07:03	11/05/21 17:59	1
Pyrene	ND		5.0	0.34	ug/L		11/03/21 07:03	11/05/21 17:59	1
Benzoic acid	ND		150	100	ug/L		11/03/21 07:03	11/05/21 17:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	101		41 - 120	11/03/21 07:03	11/05/21 17:59	1
2-Fluorobiphenyl	112		48 - 120	11/03/21 07:03	11/05/21 17:59	1
2-Fluorophenol	79		35 - 120	11/03/21 07:03	11/05/21 17:59	1
Nitrobenzene-d5	91		46 - 120	11/03/21 07:03	11/05/21 17:59	1
p-Terphenyl-d14	82		60 - 148	11/03/21 07:03	11/05/21 17:59	1
Phenol-d5	59		22 - 120	11/03/21 07:03	11/05/21 17:59	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/04/21 09:15	11/04/21 17:54	1
4,4'-DDE	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 17:54	1
4,4'-DDT	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 17:54	1
Aldrin	ND		0.050	0.0081	ug/L		11/04/21 09:15	11/04/21 17:54	1
alpha-BHC	ND		0.050	0.0077	ug/L		11/04/21 09:15	11/04/21 17:54	1
cis-Chlordane	ND		0.050	0.015	ug/L		11/04/21 09:15	11/04/21 17:54	1
beta-BHC	ND		0.050	0.025	ug/L		11/04/21 09:15	11/04/21 17:54	1
delta-BHC	ND		0.050	0.010	ug/L		11/04/21 09:15	11/04/21 17:54	1
Dieldrin	ND		0.050	0.0098	ug/L		11/04/21 09:15	11/04/21 17:54	1
Endosulfan I	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 17:54	1
Endosulfan II	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 17:54	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		11/04/21 09:15	11/04/21 17:54	1
Endrin	ND		0.050	0.014	ug/L		11/04/21 09:15	11/04/21 17:54	1
Endrin aldehyde	ND		0.050	0.016	ug/L		11/04/21 09:15	11/04/21 17:54	1
Endrin ketone	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 17:54	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		11/04/21 09:15	11/04/21 17:54	1
trans-Chlordane	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 17:54	1
Heptachlor	ND		0.050	0.0085	ug/L		11/04/21 09:15	11/04/21 17:54	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		11/04/21 09:15	11/04/21 17:54	1
Methoxychlor	ND		0.050	0.014	ug/L		11/04/21 09:15	11/04/21 17:54	1
Toxaphene	ND		0.50	0.12	ug/L		11/04/21 09:15	11/04/21 17:54	1
Mirex	ND		0.050	0.0096	ug/L		11/04/21 09:15	11/04/21 17:54	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: LPZ - 11S

Lab Sample ID: 480-191735-4

Date Collected: 11/01/21 14:00

Matrix: Water

Date Received: 11/01/21 16:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	68		20 - 120	11/04/21 09:15	11/04/21 17:54	1
DCB Decachlorobiphenyl	60		20 - 120	11/04/21 09:15	11/04/21 17:54	1
Tetrachloro-m-xylene	81		44 - 120	11/04/21 09:15	11/04/21 17:54	1
Tetrachloro-m-xylene	84		44 - 120	11/04/21 09:15	11/04/21 17:54	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 21:09	1
PCB-1221	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 21:09	1
PCB-1232	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 21:09	1
PCB-1242	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 21:09	1
PCB-1248	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 21:09	1
PCB-1254	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 21:09	1
PCB-1260	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 21:09	1
PCB-1262	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 21:09	1
PCB-1268	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 21:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	95		39 - 121	11/02/21 14:23	11/03/21 21:09	1
Tetrachloro-m-xylene	95		39 - 121	11/02/21 14:23	11/03/21 21:09	1
DCB Decachlorobiphenyl	95		19 - 120	11/02/21 14:23	11/03/21 21:09	1
DCB Decachlorobiphenyl	64		19 - 120	11/02/21 14:23	11/03/21 21:09	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/04/21 09:20	11/08/21 14:09	1
Antimony	ND		0.020	0.0068	mg/L		11/04/21 09:20	11/08/21 14:09	1
Arsenic	ND		0.015	0.0056	mg/L		11/04/21 09:20	11/08/21 14:09	1
Barium	0.11		0.0020	0.00070	mg/L		11/04/21 09:20	11/08/21 14:09	1
Beryllium	ND		0.0020	0.00030	mg/L		11/04/21 09:20	11/08/21 14:09	1
Cadmium	0.00072	J	0.0020	0.00050	mg/L		11/04/21 09:20	11/08/21 14:09	1
Calcium	171		0.50	0.10	mg/L		11/04/21 09:20	11/08/21 14:09	1
Chromium	ND		0.0040	0.0010	mg/L		11/04/21 09:20	11/08/21 14:09	1
Cobalt	0.0018	J	0.0040	0.00063	mg/L		11/04/21 09:20	11/08/21 14:09	1
Copper	0.0018	J	0.010	0.0016	mg/L		11/04/21 09:20	11/08/21 14:09	1
Iron	0.87		0.050	0.019	mg/L		11/04/21 09:20	11/08/21 14:09	1
Lead	ND		0.010	0.0030	mg/L		11/04/21 09:20	11/08/21 14:09	1
Magnesium	71.5		0.20	0.043	mg/L		11/04/21 09:20	11/08/21 14:09	1
Manganese	0.43	B	0.0030	0.00040	mg/L		11/04/21 09:20	11/08/21 14:09	1
Nickel	0.0033	J	0.010	0.0013	mg/L		11/04/21 09:20	11/08/21 14:09	1
Potassium	9.4	B	0.50	0.10	mg/L		11/04/21 09:20	11/08/21 14:09	1
Selenium	ND		0.025	0.0087	mg/L		11/04/21 09:20	11/08/21 14:09	1
Silver	ND		0.0060	0.0017	mg/L		11/04/21 09:20	11/08/21 14:09	1
Sodium	32.9		1.0	0.32	mg/L		11/04/21 09:20	11/08/21 14:09	1
Thallium	ND		0.020	0.010	mg/L		11/04/21 09:20	11/08/21 14:09	1
Vanadium	ND		0.0050	0.0015	mg/L		11/04/21 09:20	11/08/21 14:09	1
Zinc	0.0068	J B	0.010	0.0015	mg/L		11/04/21 09:20	11/08/21 14:09	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		11/08/21 14:36	11/08/21 19:17	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: LPZ - 11S DUP

Lab Sample ID: 480-191735-5

Date Collected: 11/01/21 14:00

Matrix: Water

Date Received: 11/01/21 16:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/05/21 15:31	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/05/21 15:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/05/21 15:31	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/05/21 15:31	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/05/21 15:31	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/05/21 15:31	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/05/21 15:31	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/05/21 15:31	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/05/21 15:31	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/05/21 15:31	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/05/21 15:31	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/05/21 15:31	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/05/21 15:31	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/05/21 15:31	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/05/21 15:31	1
2-Hexanone	ND		5.0	1.2	ug/L			11/05/21 15:31	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/05/21 15:31	1
Acetone	ND		10	3.0	ug/L			11/05/21 15:31	1
Benzene	ND		1.0	0.41	ug/L			11/05/21 15:31	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/05/21 15:31	1
Bromoform	ND		1.0	0.26	ug/L			11/05/21 15:31	1
Bromomethane	ND		1.0	0.69	ug/L			11/05/21 15:31	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/05/21 15:31	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/05/21 15:31	1
Chlorobenzene	1.1		1.0	0.75	ug/L			11/05/21 15:31	1
Chloroethane	ND		1.0	0.32	ug/L			11/05/21 15:31	1
Chloroform	ND		1.0	0.34	ug/L			11/05/21 15:31	1
Chloromethane	ND		1.0	0.35	ug/L			11/05/21 15:31	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/05/21 15:31	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/05/21 15:31	1
Cyclohexane	ND		1.0	0.18	ug/L			11/05/21 15:31	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/05/21 15:31	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/05/21 15:31	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/05/21 15:31	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/05/21 15:31	1
Methyl acetate	ND		2.5	1.3	ug/L			11/05/21 15:31	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/05/21 15:31	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/05/21 15:31	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/05/21 15:31	1
Styrene	ND		1.0	0.73	ug/L			11/05/21 15:31	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/05/21 15:31	1
Toluene	ND		1.0	0.51	ug/L			11/05/21 15:31	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/05/21 15:31	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/05/21 15:31	1
Trichloroethene	ND		1.0	0.46	ug/L			11/05/21 15:31	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/05/21 15:31	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/05/21 15:31	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/05/21 15:31	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: LPZ - 11S DUP

Lab Sample ID: 480-191735-5

Date Collected: 11/01/21 14:00

Matrix: Water

Date Received: 11/01/21 16:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		11/05/21 15:31	1
4-Bromofluorobenzene (Surr)	104		73 - 120		11/05/21 15:31	1
Toluene-d8 (Surr)	101		80 - 120		11/05/21 15:31	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/03/21 07:03	11/05/21 18:26	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/03/21 07:03	11/05/21 18:26	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/03/21 07:03	11/05/21 18:26	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/03/21 07:03	11/05/21 18:26	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/03/21 07:03	11/05/21 18:26	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/03/21 07:03	11/05/21 18:26	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/03/21 07:03	11/05/21 18:26	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/03/21 07:03	11/05/21 18:26	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 18:26	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/03/21 07:03	11/05/21 18:26	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/03/21 07:03	11/05/21 18:26	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/03/21 07:03	11/05/21 18:26	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 18:26	1
2-Nitroaniline	ND		10	0.42	ug/L		11/03/21 07:03	11/05/21 18:26	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/03/21 07:03	11/05/21 18:26	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 18:26	1
3-Nitroaniline	ND		10	0.48	ug/L		11/03/21 07:03	11/05/21 18:26	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/03/21 07:03	11/05/21 18:26	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/03/21 07:03	11/05/21 18:26	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/03/21 07:03	11/05/21 18:26	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/03/21 07:03	11/05/21 18:26	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/03/21 07:03	11/05/21 18:26	1
4-Methylphenol	ND		10	0.36	ug/L		11/03/21 07:03	11/05/21 18:26	1
4-Nitroaniline	ND		10	0.25	ug/L		11/03/21 07:03	11/05/21 18:26	1
4-Nitrophenol	ND		10	1.5	ug/L		11/03/21 07:03	11/05/21 18:26	1
Acenaphthene	ND		5.0	0.41	ug/L		11/03/21 07:03	11/05/21 18:26	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/03/21 07:03	11/05/21 18:26	1
Acetophenone	ND		5.0	0.54	ug/L		11/03/21 07:03	11/05/21 18:26	1
Anthracene	ND		5.0	0.28	ug/L		11/03/21 07:03	11/05/21 18:26	1
Atrazine	ND		5.0	0.46	ug/L		11/03/21 07:03	11/05/21 18:26	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/03/21 07:03	11/05/21 18:26	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/03/21 07:03	11/05/21 18:26	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/03/21 07:03	11/05/21 18:26	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/03/21 07:03	11/05/21 18:26	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/03/21 07:03	11/05/21 18:26	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/03/21 07:03	11/05/21 18:26	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/03/21 07:03	11/05/21 18:26	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 18:26	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/03/21 07:03	11/05/21 18:26	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/03/21 07:03	11/05/21 18:26	1
Caprolactam	ND		5.0	2.2	ug/L		11/03/21 07:03	11/05/21 18:26	1
Carbazole	ND		5.0	0.30	ug/L		11/03/21 07:03	11/05/21 18:26	1
Chrysene	ND		5.0	0.33	ug/L		11/03/21 07:03	11/05/21 18:26	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/03/21 07:03	11/05/21 18:26	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: LPZ - 11S DUP

Lab Sample ID: 480-191735-5

Date Collected: 11/01/21 14:00

Matrix: Water

Date Received: 11/01/21 16:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/03/21 07:03	11/05/21 18:26	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/03/21 07:03	11/05/21 18:26	1
Dibenzofuran	ND		10	0.51	ug/L		11/03/21 07:03	11/05/21 18:26	1
Diethyl phthalate	0.62	J	5.0	0.22	ug/L		11/03/21 07:03	11/05/21 18:26	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/03/21 07:03	11/05/21 18:26	1
Fluoranthene	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 18:26	1
Fluorene	ND		5.0	0.36	ug/L		11/03/21 07:03	11/05/21 18:26	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/03/21 07:03	11/05/21 18:26	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/03/21 07:03	11/05/21 18:26	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/03/21 07:03	11/05/21 18:26	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/03/21 07:03	11/05/21 18:26	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/03/21 07:03	11/05/21 18:26	1
Isophorone	ND		5.0	0.43	ug/L		11/03/21 07:03	11/05/21 18:26	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/03/21 07:03	11/05/21 18:26	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/03/21 07:03	11/05/21 18:26	1
Naphthalene	ND		5.0	0.76	ug/L		11/03/21 07:03	11/05/21 18:26	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/03/21 07:03	11/05/21 18:26	1
Pentachlorophenol	ND		10	2.2	ug/L		11/03/21 07:03	11/05/21 18:26	1
Phenanthrene	ND		5.0	0.44	ug/L		11/03/21 07:03	11/05/21 18:26	1
Phenol	ND		5.0	0.39	ug/L		11/03/21 07:03	11/05/21 18:26	1
Pyrene	ND		5.0	0.34	ug/L		11/03/21 07:03	11/05/21 18:26	1
Benzoic acid	ND		150	100	ug/L		11/03/21 07:03	11/05/21 18:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	99		41 - 120	11/03/21 07:03	11/05/21 18:26	1
2-Fluorobiphenyl	109		48 - 120	11/03/21 07:03	11/05/21 18:26	1
2-Fluorophenol	78		35 - 120	11/03/21 07:03	11/05/21 18:26	1
Nitrobenzene-d5	90		46 - 120	11/03/21 07:03	11/05/21 18:26	1
p-Terphenyl-d14	89		60 - 148	11/03/21 07:03	11/05/21 18:26	1
Phenol-d5	59		22 - 120	11/03/21 07:03	11/05/21 18:26	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/04/21 09:15	11/04/21 18:14	1
4,4'-DDE	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 18:14	1
4,4'-DDT	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 18:14	1
Aldrin	ND		0.050	0.0081	ug/L		11/04/21 09:15	11/04/21 18:14	1
alpha-BHC	ND		0.050	0.0077	ug/L		11/04/21 09:15	11/04/21 18:14	1
cis-Chlordane	ND		0.050	0.015	ug/L		11/04/21 09:15	11/04/21 18:14	1
beta-BHC	ND		0.050	0.025	ug/L		11/04/21 09:15	11/04/21 18:14	1
delta-BHC	ND		0.050	0.010	ug/L		11/04/21 09:15	11/04/21 18:14	1
Dieldrin	ND		0.050	0.0098	ug/L		11/04/21 09:15	11/04/21 18:14	1
Endosulfan I	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 18:14	1
Endosulfan II	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 18:14	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		11/04/21 09:15	11/04/21 18:14	1
Endrin	ND		0.050	0.014	ug/L		11/04/21 09:15	11/04/21 18:14	1
Endrin aldehyde	ND		0.050	0.016	ug/L		11/04/21 09:15	11/04/21 18:14	1
Endrin ketone	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 18:14	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		11/04/21 09:15	11/04/21 18:14	1
trans-Chlordane	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 18:14	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: LPZ - 11S DUP

Lab Sample ID: 480-191735-5

Date Collected: 11/01/21 14:00

Matrix: Water

Date Received: 11/01/21 16:00

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.050	0.0085	ug/L		11/04/21 09:15	11/04/21 18:14	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		11/04/21 09:15	11/04/21 18:14	1
Methoxychlor	ND		0.050	0.014	ug/L		11/04/21 09:15	11/04/21 18:14	1
Toxaphene	ND		0.50	0.12	ug/L		11/04/21 09:15	11/04/21 18:14	1
Mirex	ND		0.050	0.0096	ug/L		11/04/21 09:15	11/04/21 18:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	69		20 - 120	11/04/21 09:15	11/04/21 18:14	1
DCB Decachlorobiphenyl	56		20 - 120	11/04/21 09:15	11/04/21 18:14	1
Tetrachloro-m-xylene	79		44 - 120	11/04/21 09:15	11/04/21 18:14	1
Tetrachloro-m-xylene	79		44 - 120	11/04/21 09:15	11/04/21 18:14	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 21:22	1
PCB-1221	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 21:22	1
PCB-1232	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 21:22	1
PCB-1242	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 21:22	1
PCB-1248	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 21:22	1
PCB-1254	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 21:22	1
PCB-1260	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 21:22	1
PCB-1262	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 21:22	1
PCB-1268	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 21:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	91		39 - 121	11/02/21 14:23	11/03/21 21:22	1
Tetrachloro-m-xylene	91		39 - 121	11/02/21 14:23	11/03/21 21:22	1
DCB Decachlorobiphenyl	92		19 - 120	11/02/21 14:23	11/03/21 21:22	1
DCB Decachlorobiphenyl	54		19 - 120	11/02/21 14:23	11/03/21 21:22	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/04/21 09:20	11/08/21 14:12	1
Antimony	ND		0.020	0.0068	mg/L		11/04/21 09:20	11/08/21 14:12	1
Arsenic	ND		0.015	0.0056	mg/L		11/04/21 09:20	11/08/21 14:12	1
Barium	0.10		0.0020	0.00070	mg/L		11/04/21 09:20	11/08/21 14:12	1
Beryllium	ND		0.0020	0.00030	mg/L		11/04/21 09:20	11/08/21 14:12	1
Cadmium	0.00076 J		0.0020	0.00050	mg/L		11/04/21 09:20	11/08/21 14:12	1
Calcium	169		0.50	0.10	mg/L		11/04/21 09:20	11/08/21 14:12	1
Chromium	ND		0.0040	0.0010	mg/L		11/04/21 09:20	11/08/21 14:12	1
Cobalt	0.0016 J		0.0040	0.00063	mg/L		11/04/21 09:20	11/08/21 14:12	1
Copper	0.0016 J		0.010	0.0016	mg/L		11/04/21 09:20	11/08/21 14:12	1
Iron	0.52		0.050	0.019	mg/L		11/04/21 09:20	11/08/21 14:12	1
Lead	ND		0.010	0.0030	mg/L		11/04/21 09:20	11/08/21 14:12	1
Magnesium	71.6		0.20	0.043	mg/L		11/04/21 09:20	11/08/21 14:12	1
Manganese	0.42 B		0.0030	0.00040	mg/L		11/04/21 09:20	11/08/21 14:12	1
Nickel	0.0029 J		0.010	0.0013	mg/L		11/04/21 09:20	11/08/21 14:12	1
Potassium	9.2 B		0.50	0.10	mg/L		11/04/21 09:20	11/08/21 14:12	1
Selenium	ND		0.025	0.0087	mg/L		11/04/21 09:20	11/08/21 14:12	1
Silver	ND		0.0060	0.0017	mg/L		11/04/21 09:20	11/08/21 14:12	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: LPZ - 11S DUP

Lab Sample ID: 480-191735-5

Date Collected: 11/01/21 14:00

Matrix: Water

Date Received: 11/01/21 16:00

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	31.0		1.0	0.32	mg/L		11/04/21 09:20	11/08/21 14:12	1
Thallium	ND		0.020	0.010	mg/L		11/04/21 09:20	11/08/21 14:12	1
Vanadium	ND		0.0050	0.0015	mg/L		11/04/21 09:20	11/08/21 14:12	1
Zinc	0.0093	J B	0.010	0.0015	mg/L		11/04/21 09:20	11/08/21 14:12	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		11/08/21 14:36	11/08/21 19:19	1

Client Sample ID: LPZ - 02S

Lab Sample ID: 480-191735-6

Date Collected: 11/01/21 15:05

Matrix: Water

Date Received: 11/01/21 16:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			11/05/21 15:54	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			11/05/21 15:54	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			11/05/21 15:54	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			11/05/21 15:54	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			11/05/21 15:54	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			11/05/21 15:54	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			11/05/21 15:54	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			11/05/21 15:54	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			11/05/21 15:54	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			11/05/21 15:54	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			11/05/21 15:54	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			11/05/21 15:54	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			11/05/21 15:54	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			11/05/21 15:54	2
2-Butanone (MEK)	ND		20	2.6	ug/L			11/05/21 15:54	2
2-Hexanone	ND		10	2.5	ug/L			11/05/21 15:54	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			11/05/21 15:54	2
Acetone	ND		20	6.0	ug/L			11/05/21 15:54	2
Benzene	ND		2.0	0.82	ug/L			11/05/21 15:54	2
Bromodichloromethane	ND		2.0	0.78	ug/L			11/05/21 15:54	2
Bromoform	ND		2.0	0.52	ug/L			11/05/21 15:54	2
Bromomethane	ND		2.0	1.4	ug/L			11/05/21 15:54	2
Carbon disulfide	ND		2.0	0.38	ug/L			11/05/21 15:54	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			11/05/21 15:54	2
Chlorobenzene	ND		2.0	1.5	ug/L			11/05/21 15:54	2
Chloroethane	ND		2.0	0.64	ug/L			11/05/21 15:54	2
Chloroform	ND		2.0	0.68	ug/L			11/05/21 15:54	2
Chloromethane	ND		2.0	0.70	ug/L			11/05/21 15:54	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			11/05/21 15:54	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			11/05/21 15:54	2
Cyclohexane	ND		2.0	0.36	ug/L			11/05/21 15:54	2
Dibromochloromethane	ND		2.0	0.64	ug/L			11/05/21 15:54	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			11/05/21 15:54	2
Ethylbenzene	ND		2.0	1.5	ug/L			11/05/21 15:54	2
Isopropylbenzene	ND		2.0	1.6	ug/L			11/05/21 15:54	2

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: LPZ - 02S

Lab Sample ID: 480-191735-6

Date Collected: 11/01/21 15:05

Matrix: Water

Date Received: 11/01/21 16:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl acetate	ND		5.0	2.6	ug/L			11/05/21 15:54	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			11/05/21 15:54	2
Methylcyclohexane	ND		2.0	0.32	ug/L			11/05/21 15:54	2
Methylene Chloride	ND		2.0	0.88	ug/L			11/05/21 15:54	2
Styrene	ND		2.0	1.5	ug/L			11/05/21 15:54	2
Tetrachloroethene	ND		2.0	0.72	ug/L			11/05/21 15:54	2
Toluene	ND		2.0	1.0	ug/L			11/05/21 15:54	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			11/05/21 15:54	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			11/05/21 15:54	2
Trichloroethene	ND		2.0	0.92	ug/L			11/05/21 15:54	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			11/05/21 15:54	2
Vinyl chloride	ND		2.0	1.8	ug/L			11/05/21 15:54	2
Xylenes, Total	ND		4.0	1.3	ug/L			11/05/21 15:54	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		11/05/21 15:54	2
4-Bromofluorobenzene (Surr)	104		73 - 120		11/05/21 15:54	2
Toluene-d8 (Surr)	99		80 - 120		11/05/21 15:54	2

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/03/21 07:03	11/05/21 18:54	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/03/21 07:03	11/05/21 18:54	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/03/21 07:03	11/05/21 18:54	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/03/21 07:03	11/05/21 18:54	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/03/21 07:03	11/05/21 18:54	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/03/21 07:03	11/05/21 18:54	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/03/21 07:03	11/05/21 18:54	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/03/21 07:03	11/05/21 18:54	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 18:54	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/03/21 07:03	11/05/21 18:54	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/03/21 07:03	11/05/21 18:54	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/03/21 07:03	11/05/21 18:54	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 18:54	1
2-Nitroaniline	ND		10	0.42	ug/L		11/03/21 07:03	11/05/21 18:54	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/03/21 07:03	11/05/21 18:54	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 18:54	1
3-Nitroaniline	ND		10	0.48	ug/L		11/03/21 07:03	11/05/21 18:54	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/03/21 07:03	11/05/21 18:54	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/03/21 07:03	11/05/21 18:54	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/03/21 07:03	11/05/21 18:54	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/03/21 07:03	11/05/21 18:54	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/03/21 07:03	11/05/21 18:54	1
4-Methylphenol	ND		10	0.36	ug/L		11/03/21 07:03	11/05/21 18:54	1
4-Nitroaniline	ND		10	0.25	ug/L		11/03/21 07:03	11/05/21 18:54	1
4-Nitrophenol	ND		10	1.5	ug/L		11/03/21 07:03	11/05/21 18:54	1
Acenaphthene	ND		5.0	0.41	ug/L		11/03/21 07:03	11/05/21 18:54	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/03/21 07:03	11/05/21 18:54	1
Acetophenone	ND		5.0	0.54	ug/L		11/03/21 07:03	11/05/21 18:54	1
Anthracene	ND		5.0	0.28	ug/L		11/03/21 07:03	11/05/21 18:54	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: LPZ - 02S

Lab Sample ID: 480-191735-6

Date Collected: 11/01/21 15:05

Matrix: Water

Date Received: 11/01/21 16:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	ND		5.0	0.46	ug/L		11/03/21 07:03	11/05/21 18:54	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/03/21 07:03	11/05/21 18:54	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/03/21 07:03	11/05/21 18:54	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/03/21 07:03	11/05/21 18:54	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/03/21 07:03	11/05/21 18:54	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/03/21 07:03	11/05/21 18:54	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/03/21 07:03	11/05/21 18:54	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/03/21 07:03	11/05/21 18:54	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 18:54	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/03/21 07:03	11/05/21 18:54	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/03/21 07:03	11/05/21 18:54	1
Caprolactam	ND		5.0	2.2	ug/L		11/03/21 07:03	11/05/21 18:54	1
Carbazole	ND		5.0	0.30	ug/L		11/03/21 07:03	11/05/21 18:54	1
Chrysene	ND		5.0	0.33	ug/L		11/03/21 07:03	11/05/21 18:54	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/03/21 07:03	11/05/21 18:54	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/03/21 07:03	11/05/21 18:54	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/03/21 07:03	11/05/21 18:54	1
Dibenzofuran	ND		10	0.51	ug/L		11/03/21 07:03	11/05/21 18:54	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/03/21 07:03	11/05/21 18:54	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/03/21 07:03	11/05/21 18:54	1
Fluoranthene	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 18:54	1
Fluorene	ND		5.0	0.36	ug/L		11/03/21 07:03	11/05/21 18:54	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/03/21 07:03	11/05/21 18:54	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/03/21 07:03	11/05/21 18:54	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/03/21 07:03	11/05/21 18:54	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/03/21 07:03	11/05/21 18:54	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/03/21 07:03	11/05/21 18:54	1
Isophorone	ND		5.0	0.43	ug/L		11/03/21 07:03	11/05/21 18:54	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/03/21 07:03	11/05/21 18:54	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/03/21 07:03	11/05/21 18:54	1
Naphthalene	ND		5.0	0.76	ug/L		11/03/21 07:03	11/05/21 18:54	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/03/21 07:03	11/05/21 18:54	1
Pentachlorophenol	ND		10	2.2	ug/L		11/03/21 07:03	11/05/21 18:54	1
Phenanthrene	ND		5.0	0.44	ug/L		11/03/21 07:03	11/05/21 18:54	1
Phenol	ND		5.0	0.39	ug/L		11/03/21 07:03	11/05/21 18:54	1
Pyrene	ND		5.0	0.34	ug/L		11/03/21 07:03	11/05/21 18:54	1
Benzoic acid	ND		150	100	ug/L		11/03/21 07:03	11/05/21 18:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	127	S1+	41 - 120	11/03/21 07:03	11/05/21 18:54	1
2-Fluorobiphenyl	117		48 - 120	11/03/21 07:03	11/05/21 18:54	1
2-Fluorophenol	85		35 - 120	11/03/21 07:03	11/05/21 18:54	1
Nitrobenzene-d5	98		46 - 120	11/03/21 07:03	11/05/21 18:54	1
p-Terphenyl-d14	76		60 - 148	11/03/21 07:03	11/05/21 18:54	1
Phenol-d5	63		22 - 120	11/03/21 07:03	11/05/21 18:54	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/04/21 09:15	11/04/21 18:34	1
4,4'-DDE	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 18:34	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: LPZ - 02S

Lab Sample ID: 480-191735-6

Date Collected: 11/01/21 15:05

Matrix: Water

Date Received: 11/01/21 16:00

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 18:34	1
Aldrin	ND		0.050	0.0081	ug/L		11/04/21 09:15	11/04/21 18:34	1
alpha-BHC	ND		0.050	0.0077	ug/L		11/04/21 09:15	11/04/21 18:34	1
cis-Chlordane	ND		0.050	0.015	ug/L		11/04/21 09:15	11/04/21 18:34	1
beta-BHC	ND		0.050	0.025	ug/L		11/04/21 09:15	11/04/21 18:34	1
delta-BHC	ND		0.050	0.010	ug/L		11/04/21 09:15	11/04/21 18:34	1
Dieldrin	ND		0.050	0.0098	ug/L		11/04/21 09:15	11/04/21 18:34	1
Endosulfan I	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 18:34	1
Endosulfan II	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 18:34	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		11/04/21 09:15	11/04/21 18:34	1
Endrin	ND		0.050	0.014	ug/L		11/04/21 09:15	11/04/21 18:34	1
Endrin aldehyde	ND		0.050	0.016	ug/L		11/04/21 09:15	11/04/21 18:34	1
Endrin ketone	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 18:34	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		11/04/21 09:15	11/04/21 18:34	1
trans-Chlordane	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 18:34	1
Heptachlor	ND		0.050	0.0085	ug/L		11/04/21 09:15	11/04/21 18:34	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		11/04/21 09:15	11/04/21 18:34	1
Methoxychlor	ND		0.050	0.014	ug/L		11/04/21 09:15	11/04/21 18:34	1
Toxaphene	ND		0.50	0.12	ug/L		11/04/21 09:15	11/04/21 18:34	1
Mirex	0.0098	J	0.050	0.0096	ug/L		11/04/21 09:15	11/04/21 18:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	61		20 - 120	11/04/21 09:15	11/04/21 18:34	1
DCB Decachlorobiphenyl	36		20 - 120	11/04/21 09:15	11/04/21 18:34	1
Tetrachloro-m-xylene	62		44 - 120	11/04/21 09:15	11/04/21 18:34	1
Tetrachloro-m-xylene	86		44 - 120	11/04/21 09:15	11/04/21 18:34	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 21:35	1
PCB-1221	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 21:35	1
PCB-1232	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 21:35	1
PCB-1242	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 21:35	1
PCB-1248	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 21:35	1
PCB-1254	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 21:35	1
PCB-1260	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 21:35	1
PCB-1262	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 21:35	1
PCB-1268	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 21:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	84		39 - 121	11/02/21 14:23	11/03/21 21:35	1
Tetrachloro-m-xylene	85		39 - 121	11/02/21 14:23	11/03/21 21:35	1
DCB Decachlorobiphenyl	65		19 - 120	11/02/21 14:23	11/03/21 21:35	1
DCB Decachlorobiphenyl	37		19 - 120	11/02/21 14:23	11/03/21 21:35	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/04/21 09:20	11/08/21 14:27	1
Antimony	ND		0.020	0.0068	mg/L		11/04/21 09:20	11/08/21 14:27	1
Arsenic	ND		0.015	0.0056	mg/L		11/04/21 09:20	11/08/21 14:27	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: LPZ - 02S

Lab Sample ID: 480-191735-6

Date Collected: 11/01/21 15:05

Matrix: Water

Date Received: 11/01/21 16:00

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.017		0.0020	0.00070	mg/L		11/04/21 09:20	11/08/21 14:27	1
Beryllium	ND		0.0020	0.00030	mg/L		11/04/21 09:20	11/08/21 14:27	1
Cadmium	0.00058	J	0.0020	0.00050	mg/L		11/04/21 09:20	11/08/21 14:27	1
Calcium	639		0.50	0.10	mg/L		11/04/21 09:20	11/08/21 14:27	1
Chromium	ND		0.0040	0.0010	mg/L		11/04/21 09:20	11/08/21 14:27	1
Cobalt	0.012		0.0040	0.00063	mg/L		11/04/21 09:20	11/08/21 14:27	1
Copper	0.0045	J	0.010	0.0016	mg/L		11/04/21 09:20	11/08/21 14:27	1
Iron	21.9		0.050	0.019	mg/L		11/04/21 09:20	11/08/21 14:27	1
Lead	0.0066	J	0.010	0.0030	mg/L		11/04/21 09:20	11/08/21 14:27	1
Magnesium	141		0.20	0.043	mg/L		11/04/21 09:20	11/08/21 14:27	1
Manganese	3.1	B	0.0030	0.00040	mg/L		11/04/21 09:20	11/08/21 14:27	1
Nickel	0.024		0.010	0.0013	mg/L		11/04/21 09:20	11/08/21 14:27	1
Potassium	16.2	B	0.50	0.10	mg/L		11/04/21 09:20	11/08/21 14:27	1
Selenium	ND		0.025	0.0087	mg/L		11/04/21 09:20	11/08/21 14:27	1
Silver	ND		0.0060	0.0017	mg/L		11/04/21 09:20	11/08/21 14:27	1
Sodium	75.3		1.0	0.32	mg/L		11/04/21 09:20	11/08/21 14:27	1
Thallium	ND		0.020	0.010	mg/L		11/04/21 09:20	11/08/21 14:27	1
Vanadium	ND		0.0050	0.0015	mg/L		11/04/21 09:20	11/08/21 14:27	1
Zinc	0.0078	J B	0.010	0.0015	mg/L		11/04/21 09:20	11/08/21 14:27	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		11/08/21 14:36	11/08/21 19:23	1

Client Sample ID: LPZ - 02S DUP

Lab Sample ID: 480-191735-7

Date Collected: 11/01/21 15:05

Matrix: Water

Date Received: 11/01/21 16:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			11/05/21 16:17	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			11/05/21 16:17	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			11/05/21 16:17	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			11/05/21 16:17	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			11/05/21 16:17	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			11/05/21 16:17	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			11/05/21 16:17	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			11/05/21 16:17	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			11/05/21 16:17	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			11/05/21 16:17	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			11/05/21 16:17	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			11/05/21 16:17	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			11/05/21 16:17	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			11/05/21 16:17	2
2-Butanone (MEK)	ND		20	2.6	ug/L			11/05/21 16:17	2
2-Hexanone	ND		10	2.5	ug/L			11/05/21 16:17	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			11/05/21 16:17	2
Acetone	ND		20	6.0	ug/L			11/05/21 16:17	2
Benzene	ND		2.0	0.82	ug/L			11/05/21 16:17	2
Bromodichloromethane	ND		2.0	0.78	ug/L			11/05/21 16:17	2

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: LPZ - 02S DUP

Lab Sample ID: 480-191735-7

Date Collected: 11/01/21 15:05

Matrix: Water

Date Received: 11/01/21 16:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		2.0	0.52	ug/L			11/05/21 16:17	2
Bromomethane	ND		2.0	1.4	ug/L			11/05/21 16:17	2
Carbon disulfide	ND		2.0	0.38	ug/L			11/05/21 16:17	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			11/05/21 16:17	2
Chlorobenzene	ND		2.0	1.5	ug/L			11/05/21 16:17	2
Chloroethane	ND		2.0	0.64	ug/L			11/05/21 16:17	2
Chloroform	ND		2.0	0.68	ug/L			11/05/21 16:17	2
Chloromethane	ND		2.0	0.70	ug/L			11/05/21 16:17	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			11/05/21 16:17	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			11/05/21 16:17	2
Cyclohexane	ND		2.0	0.36	ug/L			11/05/21 16:17	2
Dibromochloromethane	ND		2.0	0.64	ug/L			11/05/21 16:17	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			11/05/21 16:17	2
Ethylbenzene	ND		2.0	1.5	ug/L			11/05/21 16:17	2
Isopropylbenzene	ND		2.0	1.6	ug/L			11/05/21 16:17	2
Methyl acetate	ND		5.0	2.6	ug/L			11/05/21 16:17	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			11/05/21 16:17	2
Methylcyclohexane	ND		2.0	0.32	ug/L			11/05/21 16:17	2
Methylene Chloride	ND		2.0	0.88	ug/L			11/05/21 16:17	2
Styrene	ND		2.0	1.5	ug/L			11/05/21 16:17	2
Tetrachloroethene	ND		2.0	0.72	ug/L			11/05/21 16:17	2
Toluene	ND		2.0	1.0	ug/L			11/05/21 16:17	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			11/05/21 16:17	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			11/05/21 16:17	2
Trichloroethene	ND		2.0	0.92	ug/L			11/05/21 16:17	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			11/05/21 16:17	2
Vinyl chloride	ND		2.0	1.8	ug/L			11/05/21 16:17	2
Xylenes, Total	ND		4.0	1.3	ug/L			11/05/21 16:17	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		11/05/21 16:17	2
4-Bromofluorobenzene (Surr)	103		73 - 120		11/05/21 16:17	2
Toluene-d8 (Surr)	99		80 - 120		11/05/21 16:17	2

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/03/21 07:03	11/05/21 19:21	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/03/21 07:03	11/05/21 19:21	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/03/21 07:03	11/05/21 19:21	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/03/21 07:03	11/05/21 19:21	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/03/21 07:03	11/05/21 19:21	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/03/21 07:03	11/05/21 19:21	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/03/21 07:03	11/05/21 19:21	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/03/21 07:03	11/05/21 19:21	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 19:21	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/03/21 07:03	11/05/21 19:21	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/03/21 07:03	11/05/21 19:21	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/03/21 07:03	11/05/21 19:21	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 19:21	1
2-Nitroaniline	ND		10	0.42	ug/L		11/03/21 07:03	11/05/21 19:21	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: LPZ - 02S DUP

Lab Sample ID: 480-191735-7

Date Collected: 11/01/21 15:05

Matrix: Water

Date Received: 11/01/21 16:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	ND		5.0	0.48	ug/L		11/03/21 07:03	11/05/21 19:21	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 19:21	1
3-Nitroaniline	ND		10	0.48	ug/L		11/03/21 07:03	11/05/21 19:21	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/03/21 07:03	11/05/21 19:21	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/03/21 07:03	11/05/21 19:21	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/03/21 07:03	11/05/21 19:21	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/03/21 07:03	11/05/21 19:21	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/03/21 07:03	11/05/21 19:21	1
4-Methylphenol	ND		10	0.36	ug/L		11/03/21 07:03	11/05/21 19:21	1
4-Nitroaniline	ND		10	0.25	ug/L		11/03/21 07:03	11/05/21 19:21	1
4-Nitrophenol	ND		10	1.5	ug/L		11/03/21 07:03	11/05/21 19:21	1
Acenaphthene	ND		5.0	0.41	ug/L		11/03/21 07:03	11/05/21 19:21	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/03/21 07:03	11/05/21 19:21	1
Acetophenone	ND		5.0	0.54	ug/L		11/03/21 07:03	11/05/21 19:21	1
Anthracene	ND		5.0	0.28	ug/L		11/03/21 07:03	11/05/21 19:21	1
Atrazine	ND		5.0	0.46	ug/L		11/03/21 07:03	11/05/21 19:21	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/03/21 07:03	11/05/21 19:21	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/03/21 07:03	11/05/21 19:21	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/03/21 07:03	11/05/21 19:21	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/03/21 07:03	11/05/21 19:21	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/03/21 07:03	11/05/21 19:21	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/03/21 07:03	11/05/21 19:21	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/03/21 07:03	11/05/21 19:21	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 19:21	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/03/21 07:03	11/05/21 19:21	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/03/21 07:03	11/05/21 19:21	1
Caprolactam	ND		5.0	2.2	ug/L		11/03/21 07:03	11/05/21 19:21	1
Carbazole	ND		5.0	0.30	ug/L		11/03/21 07:03	11/05/21 19:21	1
Chrysene	ND		5.0	0.33	ug/L		11/03/21 07:03	11/05/21 19:21	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/03/21 07:03	11/05/21 19:21	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/03/21 07:03	11/05/21 19:21	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/03/21 07:03	11/05/21 19:21	1
Dibenzofuran	ND		10	0.51	ug/L		11/03/21 07:03	11/05/21 19:21	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/03/21 07:03	11/05/21 19:21	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/03/21 07:03	11/05/21 19:21	1
Fluoranthene	ND		5.0	0.40	ug/L		11/03/21 07:03	11/05/21 19:21	1
Fluorene	ND		5.0	0.36	ug/L		11/03/21 07:03	11/05/21 19:21	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/03/21 07:03	11/05/21 19:21	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/03/21 07:03	11/05/21 19:21	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/03/21 07:03	11/05/21 19:21	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/03/21 07:03	11/05/21 19:21	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/03/21 07:03	11/05/21 19:21	1
Isophorone	ND		5.0	0.43	ug/L		11/03/21 07:03	11/05/21 19:21	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/03/21 07:03	11/05/21 19:21	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/03/21 07:03	11/05/21 19:21	1
Naphthalene	ND		5.0	0.76	ug/L		11/03/21 07:03	11/05/21 19:21	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/03/21 07:03	11/05/21 19:21	1
Pentachlorophenol	ND		10	2.2	ug/L		11/03/21 07:03	11/05/21 19:21	1
Phenanthrene	ND		5.0	0.44	ug/L		11/03/21 07:03	11/05/21 19:21	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: LPZ - 02S DUP

Lab Sample ID: 480-191735-7

Date Collected: 11/01/21 15:05

Matrix: Water

Date Received: 11/01/21 16:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		5.0	0.39	ug/L		11/03/21 07:03	11/05/21 19:21	1
Pyrene	ND		5.0	0.34	ug/L		11/03/21 07:03	11/05/21 19:21	1
Benzoic acid	ND		150	100	ug/L		11/03/21 07:03	11/05/21 19:21	1

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	119		41 - 120				11/03/21 07:03	11/05/21 19:21	1
2-Fluorobiphenyl	116		48 - 120				11/03/21 07:03	11/05/21 19:21	1
2-Fluorophenol	80		35 - 120				11/03/21 07:03	11/05/21 19:21	1
Nitrobenzene-d5	93		46 - 120				11/03/21 07:03	11/05/21 19:21	1
p-Terphenyl-d14	80		60 - 148				11/03/21 07:03	11/05/21 19:21	1
Phenol-d5	60		22 - 120				11/03/21 07:03	11/05/21 19:21	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/04/21 09:15	11/04/21 18:53	1
4,4'-DDE	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 18:53	1
4,4'-DDT	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 18:53	1
Aldrin	ND		0.050	0.0081	ug/L		11/04/21 09:15	11/04/21 18:53	1
alpha-BHC	ND		0.050	0.0077	ug/L		11/04/21 09:15	11/04/21 18:53	1
cis-Chlordane	ND		0.050	0.015	ug/L		11/04/21 09:15	11/04/21 18:53	1
beta-BHC	ND		0.050	0.025	ug/L		11/04/21 09:15	11/04/21 18:53	1
delta-BHC	ND		0.050	0.010	ug/L		11/04/21 09:15	11/04/21 18:53	1
Dieldrin	ND		0.050	0.0098	ug/L		11/04/21 09:15	11/04/21 18:53	1
Endosulfan I	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 18:53	1
Endosulfan II	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 18:53	1
Endosulfan sulfate	0.020	J	0.050	0.016	ug/L		11/04/21 09:15	11/04/21 18:53	1
Endrin	ND		0.050	0.014	ug/L		11/04/21 09:15	11/04/21 18:53	1
Endrin aldehyde	ND		0.050	0.016	ug/L		11/04/21 09:15	11/04/21 18:53	1
Endrin ketone	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 18:53	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		11/04/21 09:15	11/04/21 18:53	1
trans-Chlordane	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 18:53	1
Heptachlor	ND		0.050	0.0085	ug/L		11/04/21 09:15	11/04/21 18:53	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		11/04/21 09:15	11/04/21 18:53	1
Methoxychlor	ND		0.050	0.014	ug/L		11/04/21 09:15	11/04/21 18:53	1
Toxaphene	ND		0.50	0.12	ug/L		11/04/21 09:15	11/04/21 18:53	1
Mirex	0.034	J	0.050	0.0096	ug/L		11/04/21 09:15	11/04/21 18:53	1

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	68		20 - 120				11/04/21 09:15	11/04/21 18:53	1
DCB Decachlorobiphenyl	55		20 - 120				11/04/21 09:15	11/04/21 18:53	1
Tetrachloro-m-xylene	67		44 - 120				11/04/21 09:15	11/04/21 18:53	1
Tetrachloro-m-xylene	88		44 - 120				11/04/21 09:15	11/04/21 18:53	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 21:47	1
PCB-1221	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 21:47	1
PCB-1232	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 21:47	1
PCB-1242	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 21:47	1
PCB-1248	ND		0.50	0.18	ug/L		11/02/21 14:23	11/03/21 21:47	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191735-1

Client Sample ID: LPZ - 02S DUP

Lab Sample ID: 480-191735-7

Date Collected: 11/01/21 15:05

Matrix: Water

Date Received: 11/01/21 16:00

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1254	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 21:47	1
PCB-1260	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 21:47	1
PCB-1262	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 21:47	1
PCB-1268	ND		0.50	0.25	ug/L		11/02/21 14:23	11/03/21 21:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	86		39 - 121				11/02/21 14:23	11/03/21 21:47	1
Tetrachloro-m-xylene	86		39 - 121				11/02/21 14:23	11/03/21 21:47	1
DCB Decachlorobiphenyl	68		19 - 120				11/02/21 14:23	11/03/21 21:47	1
DCB Decachlorobiphenyl	40		19 - 120				11/02/21 14:23	11/03/21 21:47	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/04/21 09:20	11/08/21 14:31	1
Antimony	ND		0.020	0.0068	mg/L		11/04/21 09:20	11/08/21 14:31	1
Arsenic	ND		0.015	0.0056	mg/L		11/04/21 09:20	11/08/21 14:31	1
Barium	0.017		0.0020	0.00070	mg/L		11/04/21 09:20	11/08/21 14:31	1
Beryllium	ND		0.0020	0.00030	mg/L		11/04/21 09:20	11/08/21 14:31	1
Cadmium	0.00061	J	0.0020	0.00050	mg/L		11/04/21 09:20	11/08/21 14:31	1
Calcium	640		0.50	0.10	mg/L		11/04/21 09:20	11/08/21 14:31	1
Chromium	ND		0.0040	0.0010	mg/L		11/04/21 09:20	11/08/21 14:31	1
Cobalt	0.012		0.0040	0.00063	mg/L		11/04/21 09:20	11/08/21 14:31	1
Copper	0.0039	J	0.010	0.0016	mg/L		11/04/21 09:20	11/08/21 14:31	1
Iron	20.1		0.050	0.019	mg/L		11/04/21 09:20	11/08/21 14:31	1
Lead	0.0072	J	0.010	0.0030	mg/L		11/04/21 09:20	11/08/21 14:31	1
Magnesium	145		0.20	0.043	mg/L		11/04/21 09:20	11/08/21 14:31	1
Manganese	3.0	B	0.0030	0.00040	mg/L		11/04/21 09:20	11/08/21 14:31	1
Nickel	0.024		0.010	0.0013	mg/L		11/04/21 09:20	11/08/21 14:31	1
Potassium	16.2	B	0.50	0.10	mg/L		11/04/21 09:20	11/08/21 14:31	1
Selenium	ND		0.025	0.0087	mg/L		11/04/21 09:20	11/08/21 14:31	1
Silver	ND		0.0060	0.0017	mg/L		11/04/21 09:20	11/08/21 14:31	1
Sodium	76.9		1.0	0.32	mg/L		11/04/21 09:20	11/08/21 14:31	1
Thallium	ND		0.020	0.010	mg/L		11/04/21 09:20	11/08/21 14:31	1
Vanadium	ND		0.0050	0.0015	mg/L		11/04/21 09:20	11/08/21 14:31	1
Zinc	0.0093	J B	0.010	0.0015	mg/L		11/04/21 09:20	11/08/21 14:31	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		11/08/21 14:36	11/08/21 19:24	1

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191735-1
 SDG No.: _____
 Matrix: Water Level: Low
 GC Column (1): RXI-5Sil MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPHd14 #
OW - 14B	480-191735-1	86	63	97	117	114	94
OW - 14BR	480-191735-2	74	56	86	106	85	79
LPZ - 01S	480-191735-3	77	59	92	111	105	83
LPZ - 11S	480-191735-4	79	59	91	112	101	82
LPZ - 11S DUP	480-191735-5	78	59	90	109	99	89
LPZ - 02S	480-191735-6	85	63	98	117	127 S1+	76
LPZ - 02S DUP	480-191735-7	80	60	93	116	119	80
	MB 480-603159/1-A	77	58	95	111	86	113
	LCS 480-603159/2-A	78	62	95	110	114	99

	<u>QC LIMITS</u>
2FP = 2-Fluorophenol	35-120
PHL = Phenol-d5	22-120
NBZ = Nitrobenzene-d5	46-120
FBP = 2-Fluorobiphenyl	48-120
TBP = 2,4,6-Tribromophenol	41-120
TPHd14 = p-Terphenyl-d14	60-148

Column to be used to flag recovery values

FORM II 8270D

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191735-1
 SDG No.: _____
 Client Sample ID: LPZ - 02S Lab Sample ID: 480-191735-6
 Instrument ID (1): HP6890-25 Instrument ID (2): HP6890-25
 Date Analyzed (1): 11/04/2021 18:34 Date Analyzed (2): 11/04/2021 18:34
 GC Column (1): RTX-CLPI ID: 0.53 (mm) GC Column (2): RTX-CLPII ID: 0.53 (mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Mirex	1		6.44	6.39	6.45	0.12		169.4
	2		7.78	7.74	7.80	0.0098		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191735-1
 SDG No.: _____
 Client Sample ID: LPZ - 02S DUP Lab Sample ID: 480-191735-7
 Instrument ID (1): HP6890-25 Instrument ID (2): HP6890-25
 Date Analyzed (1): 11/04/2021 18:53 Date Analyzed (2): 11/04/2021 18:53
 GC Column (1): RTX-CLPI ID: 0.53 (mm) GC Column (2): RTX-CLPII ID: 0.53 (mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Mirex	1		6.44	6.39	6.45	0.17		132.8
	2		7.78	7.74	7.80	0.034		
Endosulfan sulfate	1		6.52	6.52	6.58	0.020		145.0
	2		7.26	7.21	7.27	0.12		

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191735-1
 SDG No.: _____
 Lab Sample ID: ICV 480-581327/30 Calibration Date: 05/17/2021 23:07
 Instrument ID: HP6890-6 Calib Start Date: 05/17/2021 22:29
 GC Column: ZB-5 ID: 0.53 (mm) Calib End Date: 05/17/2021 22:54
 Lab File ID: 6_087-212.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Lin2		0.0171		0.512	0.500	2.3	20.0
PCB-1242 Peak 2	Lin2		0.0209		0.517	0.500	3.5	20.0
PCB-1242 Peak 3	Lin2		0.0448		0.482	0.500	-3.7	20.0
PCB-1242 Peak 4	Lin2		0.0275		0.492	0.500	-1.7	20.0
PCB-1242 Peak 5	Lin2		0.0205		0.513	0.500	2.6	20.0
PCB-1268 Peak 1	Lin2		0.1398		0.510	0.500	1.9	20.0
PCB-1268 Peak 2	Lin2		0.1257		0.505	0.500	1.0	20.0
PCB-1268 Peak 3	Lin2		0.1196		0.554	0.500	10.8	20.0
PCB-1268 Peak 4	Lin2		0.0350		0.368	0.500	-26.4*	20.0
PCB-1268 Peak 5	Lin2		0.3141		0.456	0.500	-8.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191735-1
 SDG No.: _____
 Lab Sample ID: ICV 480-581327/30 Calibration Date: 05/17/2021 23:07
 Instrument ID: HP6890-6 Calib Start Date: 05/17/2021 22:29
 GC Column: ZB-35 ID: 0.53 (mm) Calib End Date: 05/17/2021 22:54
 Lab File ID: 6_087-212.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Lin2		0.0163		0.508	0.500	1.5	20.0
PCB-1242 Peak 2	Lin2		0.0362		0.505	0.500	1.1	20.0
PCB-1242 Peak 3	Lin2		0.0425		0.488	0.500	-2.5	20.0
PCB-1242 Peak 4	Lin2		0.0280		0.502	0.500	0.3	20.0
PCB-1242 Peak 5	Lin2		0.0264		0.508	0.500	1.7	20.0
PCB-1268 Peak 1	Lin2		0.1350		0.523	0.500	4.6	20.0
PCB-1268 Peak 2	Lin2		0.1243		0.529	0.500	5.7	20.0
PCB-1268 Peak 3	Lin2		0.1154		0.567	0.500	13.4	20.0
PCB-1268 Peak 4	Lin2		0.0342		0.371	0.500	-25.9*	20.0
PCB-1268 Peak 5	Lin2		0.3085		0.462	0.500	-7.7	20.0

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191735-1
 SDG No.: _____
 Lab Sample ID: CCVIS 480-603297/5 Calibration Date: 11/03/2021 15:10
 Instrument ID: HP6890-6 Calib Start Date: 05/17/2021 18:14
 GC Column: ZB-5 ID: 0.53 (mm) Calib End Date: 05/17/2021 19:30
 Lab File ID: 6_099-089.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Lin2		0.0191		0.445	0.504	-11.6	20.0
PCB-1016 Peak 2	Lin2		0.0241		0.448	0.504	-11.0	20.0
PCB-1016 Peak 3	Lin2		0.0542		0.439	0.504	-12.8	20.0
PCB-1016 Peak 4	Lin2		0.0335		0.458	0.504	-9.1	20.0
PCB-1016 Peak 5	Lin2		0.0204		0.451	0.504	-10.4	20.0
PCB-1260 Peak 1	Lin2		0.0473		0.475	0.504	-5.8	20.0
PCB-1260 Peak 2	Lin2		0.0581		0.529	0.504	5.0	20.0
PCB-1260 Peak 3	Lin2		0.0749		0.529	0.504	5.0	20.0
PCB-1260 Peak 4	Lin2		0.0458		0.518	0.504	2.7	20.0
PCB-1260 Peak 5	Lin2		0.1123		0.526	0.504	4.3	20.0
Tetrachloro-m-xylene	Lin2		1.067		0.0104	0.0125	-17.2	20.0
DCB Decachlorobiphenyl	Lin1		1.246		0.0168	0.0125	34.5*	20.0

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191735-1

SDG No.: _____

ICV Source: MEI_10_CCVL_00404 Concentration Units: mg/L

CCV Source: MEI_10_CCVL_00404

Analyte	ICVL 480-604269/7 11/09/2021 15:02				CCVL 480-604269/19 11/09/2021 16:29				CCVL 480-604269/31 11/09/2021 17:14			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Arsenic	0.0119	J	0.0150	79	0.0119	J	0.0150	79	0.0119	J	0.0150	79
<i>Antimony</i>	0.0226		0.0200	113	0.0209		0.0200	105	0.0202		0.0200	101
<i>Barium</i>	0.00216		0.00200	108	0.00216		0.00200	108	0.00216		0.00200	108
<i>Beryllium</i>	0.00178	J	0.00200	89	0.00184	J	0.00200	92	0.00176	J	0.00200	88
<i>Cadmium</i>	0.00205		0.00200	103	0.00209		0.00200	105	0.00225		0.00200	113
<i>Calcium</i>	0.509		0.500	102	0.510		0.500	102	0.501		0.500	100
<i>Chromium</i>	0.00424		0.00400	106	0.00423		0.00400	106	0.00474		0.00400	119
<i>Cobalt</i>	0.00382	J	0.00400	96	0.00388	J	0.00400	97	0.00389	J	0.00400	97
<i>Copper</i>	0.0101		0.0100	101	0.0102		0.0100	102	0.0103		0.0100	103
<i>Iron</i>	0.0513		0.0500	103	0.0571		0.0500	114	0.0495	J	0.0500	99
<i>Lead</i>	0.0102		0.0100	102	0.00911	J	0.0100	91	0.00941	J	0.0100	94
<i>Magnesium</i>	0.192	J	0.200	96	0.194	J	0.200	97	0.196	J	0.200	98
<i>Manganese</i>	0.00314		0.00300	105	0.00309		0.00300	103	0.00304		0.00300	101
<i>Nickel</i>	0.00974	J	0.0100	97	0.00967	J	0.0100	97	0.00963	J	0.0100	96
<i>Potassium</i>	0.544		0.500	109	0.603		0.500	121	0.520		0.500	104
<i>Selenium</i>	0.0231	J	0.0250	92	0.0183	J	0.0250	73	0.0211	J	0.0250	84
<i>Silver</i>	0.00607		0.00600	101	0.00588	J	0.00600	98	0.00625		0.00600	104
<i>Sodium</i>	0.982	J	1.01	97	1.04		1.01	104	1.02		1.01	101
<i>Thallium</i>	0.0190	J	0.0200	95	0.0194	J	0.0200	97	0.0193	J	0.0200	96
<i>Vanadium</i>	0.00473	J	0.00500	95	0.00493	J	0.00500	99	0.00454	J	0.00500	91
<i>Zinc</i>	0.0107		0.0100	107	0.0103		0.0100	103	0.0110		0.0100	110

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins TestAmerica, Buffalo

Job No.: 480-191735-1

SDG No.: _____

ICV Source: MEI_10_CCVL_00404

Concentration Units: mg/L

CCV Source: MEI_10_CCVL_00404

Analyte	ICVL 480-604027/7 11/08/2021 10:43				CCVL 480-604027/19 11/08/2021 12:55				CCVL 480-604027/31 11/08/2021 13:39			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	0.188	J	0.200	94	0.202		0.200	101	0.188	J	0.200	94
Antimony	0.0179	J	0.0200	89	0.0165	J	0.0200	82	0.0171	J	0.0200	86
Arsenic	0.0126	J	0.0150	84					0.0107	J	0.0150	71
Barium	0.00211		0.00200	106	0.00214		0.00200	107	0.00207		0.00200	104
Beryllium	0.00208		0.00200	104	0.00218		0.00200	109	0.00203		0.00200	102
Cadmium	0.00196	J	0.00200	98	0.00219		0.00200	110	0.00210		0.00200	105
Calcium	0.506		0.500	101	0.504		0.500	101	0.498	J	0.500	100
Chromium	0.00406		0.00400	102	0.00400		0.00400	100	0.00410		0.00400	103
Cobalt	0.00360	J	0.00400	90	0.00358	J	0.00400	90	0.00354	J	0.00400	89
Copper	0.0105		0.0100	105	0.00979	J	0.0100	98	0.0107		0.0100	107
Iron	0.0514		0.0500	103	0.0573		0.0500	115	0.0521		0.0500	104
Lead	0.00910	J	0.0100	91	0.00979	J	0.0100	98	0.00848	J	0.0100	85
Magnesium	0.193	J	0.200	97	0.190	J	0.200	95	0.193	J	0.200	96
Manganese	0.00317		0.00300	106	0.00327		0.00300	109	0.00319		0.00300	106
Nickel	0.00923	J	0.0100	92	0.00902	J	0.0100	90	0.00934	J	0.0100	93
Potassium	0.477	J	0.500	95	0.435	J	0.500	87	0.428	J	0.500	86
Selenium	0.0214	J	0.0250	85	0.0187	J	0.0250	75	0.0208	J	0.0250	83
Silver	0.00589	J	0.00600	98	0.00584	J	0.00600	97	0.00562	J	0.00600	94
Sodium	0.999	J	1.01	99	1.04		1.01	103	1.01		1.01	100
Thallium	0.0203		0.0200	101	0.0186	J	0.0200	93	0.0193	J	0.0200	96
Vanadium	0.00483	J	0.00500	97	0.00518		0.00500	104	0.00518		0.00500	104
Zinc	0.0108		0.0100	108	0.0103		0.0100	103	0.0103		0.0100	103

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191735-1

SDG No.: _____

ICV Source: MEI_10_CCVL_00404 Concentration Units: mg/L

CCV Source: MEI_10_CCVL_00404

Analyte	CCVL 480-604027/43 11/08/2021 14:24				CCVL 480-604027/54 11/08/2021 15:08							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	0.173	J	0.200	86	0.213		0.200	107				
Antimony	0.0170	J	0.0200	85	0.0170	J	0.0200	85				
Arsenic	0.0128	J	0.0150	85	0.0107	J	0.0150	72				
Barium	0.00206		0.00200	103	0.00207		0.00200	104				
Beryllium	0.00223		0.00200	112	0.00211		0.00200	106				
Cadmium	0.00213		0.00200	107	0.00211		0.00200	106				
Calcium	0.509		0.500	102	0.506		0.500	101				
Chromium	0.00409		0.00400	102	0.00360	J	0.00400	90				
Cobalt	0.00354	J	0.00400	89	0.00360	J	0.00400	90				
Copper	0.0106		0.0100	106	0.0103		0.0100	103				
Iron	0.0492	J	0.0500	98	0.0508		0.0500	102				
Lead	0.00949	J	0.0100	95	0.0105		0.0100	105				
Magnesium	0.189	J	0.200	95	0.191	J	0.200	96				
Manganese	0.00321		0.00300	107	0.00313		0.00300	104				
Nickel	0.00923	J	0.0100	92	0.00943	J	0.0100	94				
Potassium	0.455	J	0.500	91	0.411	J	0.500	82				
Selenium	0.0216	J	0.0250	87	0.0189	J	0.0250	76				
Silver	0.00619		0.00600	103	0.00515	J	0.00600	86				
Sodium	1.01		1.01	100	1.01		1.01	101				
Thallium	0.0187	J	0.0200	93	0.0194	J	0.0200	97				
Vanadium	0.00508		0.00500	102	0.00493	J	0.00500	99				
Zinc	0.0104		0.0100	104	0.0103		0.0100	103				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS - TOTAL RECOVERABLE

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191735-1
 SDG No.: _____
 Concentration Units: mg/L Lab Sample ID: MB 480-603323/1-A
 Instrument Code: ICAP2 Batch No.: 604027

CAS No.	Analyte	Concentration	C	Q	Method
7429-90-5	Aluminum	ND			6010C
7440-36-0	Antimony	ND			6010C
7440-39-3	Barium	ND			6010C
7440-41-7	Beryllium	ND			6010C
7440-43-9	Cadmium	ND			6010C
7440-70-2	Calcium	ND			6010C
7440-47-3	Chromium	ND			6010C
7440-48-4	Cobalt	ND			6010C
7440-50-8	Copper	ND			6010C
7439-89-6	Iron	ND			6010C
7439-92-1	Lead	ND			6010C
7439-95-4	Magnesium	ND			6010C
7439-96-5	Manganese	0.000410	J		6010C
7440-02-0	Nickel	ND			6010C
7440-09-7	Potassium	ND			6010C
7782-49-2	Selenium	ND			6010C
7440-22-4	Silver	ND			6010C
7440-23-5	Sodium	ND			6010C
7440-28-0	Thallium	ND			6010C
7440-62-2	Vanadium	ND			6010C
7440-66-6	Zinc	0.00742	J		6010C

OW-31, LPZ-05S, LPZ-07S & LPZ-08S

Data Usability Summary Report

Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

Nash Rd. LF #932054
Eurofins SDG#480-191790-1
February 25, 2022
Reissued: March 2, 2022
Sampling date: 11/2/2021

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

Nash Rd. LF #932054
SDG# 480-191790-1

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package(reissued: March 2, 2022) for LiRo Engineers, project located at Nash Rd. LF #932054, Eurofins SDG#480-191790-1 submitted to Vali-Data of WNY, LLC on December 8, 2021. This DUSR has been prepared in general compliance with USEPA National Functional Guidelines(NFG) and NYSDEC Analytical Services Protocols. The laboratory performed the analyses using USEPA method Volatile Organics (8260C), Semi-Volatile Organics (8270D), Pesticides (8081B), PCB (8082A), and Inorganics/Mercury (6010C, 7470A).

ID	Sample ID	Laboratory ID
1	OW-31	480-191790-1
2	LPZ-07S	480-191790-2
3	LPZ-05S	480-191790-3
4	LPZ-08S	480-191790-4

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Sample Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use.

Samples: OW-31, LPZ-07S, LPZ-07SMS/MSD and LPZ-08S were diluted due to foaming.

Nash Rd. LF #932054

SDG# 480-191790-1

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

All criteria were met.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on some target analytes, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

GC/MS PERFORMANCE CHECK

All criteria were met.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in MS/MSD.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

All criteria were met except the %Rec of 4-Chloro-3methylphenol, 2,4-Dinitrotoluene and Pentachlorophenol was outside QC limits, high in LPZ-07SMS/MSD and should be qualified as estimated. These target analytes were not detected in the sample, so no further action is required.

The RPD of 3,3'-Dichlorobenzidine and Bis(2-ethylhexyl)phthalate was outside QC limits between LPZ-07SMS and LPZ-07SMSD and should be qualified as estimated in LPZ-07S and LPZ-07SMS/MSD.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on some target analytes, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

GC/MS PERFORMANCE CHECK

All criteria were met.

PESTICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples

Nash Rd. LF #932054

SDG# 480-191790-1

- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Surrogate Spike Recoveries and MS/MSD.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the samples were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of DCBP off column RTX-CLPII was outside QC limits, low in LPZ-07SMS and should be qualified as estimated. This column was not prime, so no further action is required.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

All criteria were met except the RPD of 4,4'-DDT was outside QC limits between the columns in LPZ-07SMS and should be qualified as estimated.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used on all target analytes and surrogates, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

PCB

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
-

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Surrogate Spike Recoveries, Initial Calibration and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of DCBP off column ZB-35 was outside QC limits, low in LPZ07S and LPZ07SMS/MSD and should be qualified as estimated. The target analytes in these samples should be qualified as estimated.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

All criteria were met.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met except the %D of Aroclor 1268 p 4 was outside QC limits off both columns in ICV 480-581327/30. This target analyte should be qualified as estimated in the blank, spike and samples.

Alternate forms of regression were used on all of the target analytes and surrogates, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of DCBP off column ZB-5 was outside QC limits in CCVIS 480-603511/5. This surrogate should be qualified as estimated in the blank, spike and samples off the associated column.

Some target analytes were outside laboratory QC limits but were within NFG QC limits, so no further action is required.

Some target analytes were outside QC limits on the confirmatory column, so no further action is required.

METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Blanks
- Laboratory Control Sample
- MS/MSD/Duplicate
- Field Duplicate
- Serial Dilution
- Compound Quantitation
- Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Blanks and Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

BLANKS

All criteria were met except several target analytes were outside QC limits above the MDL, but below the reporting limits. These target analytes should be qualified as undetected at the reporting limit in associated samples in which they were detected above the MDL, and below the reporting limit. These target analytes should be qualified as estimated high in the associated samples in which they were detected above the reporting limit.

Blank ID	Target analyte	Concentration(mg/L)	Qualifier	Associated Sample
CCB 480-603728/23	Cu	.00167	U at RL	1, 3
CCB 480-603728/23	Cu	.00168	JH	2, 4
CCB 480-603728/47	Cu	.00168	JH	4

LABORATORY CONTROL SAMPLE

All criteria were met.

MS/MSD/DUPLICATE

All criteria were met.

FIELD DUPLICATE

No field duplicate was acquired.

SERIAL DILUTION

All criteria were met.

COMPOUND QUANTITATION

All criteria were met.

CALIBRATION

All criteria were met except the %D of some target analytes was outside QC limits. These target analytes should be qualified as estimated in the associated samples, blanks and spikes.

Calibration ID	Target Analyte	%D	Qualifier	Associated Sample
ICVL 480-603728/8	As	83	UJ/J	MB/LCS 480-603324, 1-4, 2MS/MSD
ICVL 480-603728/8	Se	81	UJ/J	MB/LCS 480-603324, 1-4, 2MS/MSD
ICVL 480-603728/8	Al	111	JH	LCS 480-603324, 1-4, 2MS/MSD
ICVL 480-603728/8	Cu	117	JH	LCS 480-603324, 1-4, 2MS/MSD
CCVL 480-603728/20	As	71	UJ/J	MB 480-603324
CCVL 480-603728/20	Ag	114	JH	none
CCVL 480-603728/24	As	72	UJ/J	LCS 480-603324, 1-3, 2MS/MSD
CCVL 480-603728/24	Cr	89	UJ/J	LCS 480-603324, 1-3, 2MS/MSD
CCVL 480-603728/24	Cu	115	JH	LCS 480-603324, 1-3, 2MS/MSD
CCVL 480-603728/24	Ag	112	JH	LCS 480-603324, 2MS/MSD
CCVL 480-603728/36	As	73	UJ/J	LCS 480-603324, 1-4, 2MS/MSD
CCVL 480-603728/36	Se	87	UJ/J	LCS 480-603324, 1-4, 2MS/MSD
CCVL 480-603728/36	Cu	124	JH	LCS 480-603324, 1-4, 2MS/MSD
CCVL 480-603728/48	As	78	UJ/J	4
CCVL 480-603728/48	Se	87	UJ/J	4
CCVL 480-603728/48	Sb	80	UJ/J	4
CCVL 480-603728/48	Co	89	UJ/J	4
CCVL 480-603728/48	Pb	88	UJ/J	4

Job Narrative
480-191790-1

Comments

No additional comments.

Receipt

The samples were received on 11/2/2021 3:10 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.9° C.

GC/MS VOA

Method 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: OW-31 (480-191790-1), LPZ-07S (480-191790-2), LPZ-07S (480-191790-2[MS]), LPZ-07S (480-191790-2[MSD]) and LPZ-08S (480-191790-4). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA

Method 8270D: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 480-603480 and analytical batch 480-603595 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

Method 8081B: The matrix spike duplicate (MSD) recoveries for preparation batch 480-603396 and analytical batch 480-603428 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals

Method 6010C: The continuing calibration verification (CCV 480-603728/46) associated with batch 480-603728 recovered above the upper control limit for Total Silver. The samples associated with this CCV, LPZ-08S (480-191790-4), were non-detects for the affected analyte; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191790-1

Client Sample ID: OW-31

Lab Sample ID: 480-191790-1

Date Collected: 11/02/21 09:35

Matrix: Water

Date Received: 11/02/21 15:10

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			11/05/21 12:36	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			11/05/21 12:36	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			11/05/21 12:36	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			11/05/21 12:36	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			11/05/21 12:36	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			11/05/21 12:36	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			11/05/21 12:36	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			11/05/21 12:36	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			11/05/21 12:36	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			11/05/21 12:36	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			11/05/21 12:36	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			11/05/21 12:36	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			11/05/21 12:36	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			11/05/21 12:36	2
2-Butanone (MEK)	ND		20	2.6	ug/L			11/05/21 12:36	2
2-Hexanone	ND		10	2.5	ug/L			11/05/21 12:36	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			11/05/21 12:36	2
Acetone	ND		20	6.0	ug/L			11/05/21 12:36	2
Benzene	ND		2.0	0.82	ug/L			11/05/21 12:36	2
Bromodichloromethane	ND		2.0	0.78	ug/L			11/05/21 12:36	2
Bromoform	ND		2.0	0.52	ug/L			11/05/21 12:36	2
Bromomethane	ND		2.0	1.4	ug/L			11/05/21 12:36	2
Carbon disulfide	ND		2.0	0.38	ug/L			11/05/21 12:36	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			11/05/21 12:36	2
Chlorobenzene	ND		2.0	1.5	ug/L			11/05/21 12:36	2
Chloroethane	ND		2.0	0.64	ug/L			11/05/21 12:36	2
Chloroform	ND		2.0	0.68	ug/L			11/05/21 12:36	2
Chloromethane	ND		2.0	0.70	ug/L			11/05/21 12:36	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			11/05/21 12:36	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			11/05/21 12:36	2
Cyclohexane	ND		2.0	0.36	ug/L			11/05/21 12:36	2
Dibromochloromethane	ND		2.0	0.64	ug/L			11/05/21 12:36	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			11/05/21 12:36	2
Ethylbenzene	ND		2.0	1.5	ug/L			11/05/21 12:36	2
Isopropylbenzene	ND		2.0	1.6	ug/L			11/05/21 12:36	2
Methyl acetate	ND		5.0	2.6	ug/L			11/05/21 12:36	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			11/05/21 12:36	2
Methylcyclohexane	ND		2.0	0.32	ug/L			11/05/21 12:36	2
Methylene Chloride	ND		2.0	0.88	ug/L			11/05/21 12:36	2
Styrene	ND		2.0	1.5	ug/L			11/05/21 12:36	2
Tetrachloroethene	ND		2.0	0.72	ug/L			11/05/21 12:36	2
Toluene	ND		2.0	1.0	ug/L			11/05/21 12:36	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			11/05/21 12:36	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			11/05/21 12:36	2
Trichloroethene	ND		2.0	0.92	ug/L			11/05/21 12:36	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			11/05/21 12:36	2
Vinyl chloride	ND		2.0	1.8	ug/L			11/05/21 12:36	2
Xylenes, Total	ND		4.0	1.3	ug/L			11/05/21 12:36	2

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191790-1

Client Sample ID: OW-31

Date Collected: 11/02/21 09:35

Date Received: 11/02/21 15:10

Lab Sample ID: 480-191790-1

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		11/05/21 12:36	2
4-Bromofluorobenzene (Surr)	104		73 - 120		11/05/21 12:36	2
Toluene-d8 (Surr)	102		80 - 120		11/05/21 12:36	2

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/04/21 14:59	11/05/21 15:33	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/04/21 14:59	11/05/21 15:33	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/04/21 14:59	11/05/21 15:33	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/04/21 14:59	11/05/21 15:33	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 15:33	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/04/21 14:59	11/05/21 15:33	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 15:33	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 15:33	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 15:33	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/04/21 14:59	11/05/21 15:33	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/04/21 14:59	11/05/21 15:33	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/04/21 14:59	11/05/21 15:33	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 15:33	1
2-Nitroaniline	ND		10	0.42	ug/L		11/04/21 14:59	11/05/21 15:33	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/04/21 14:59	11/05/21 15:33	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 15:33	1
3-Nitroaniline	ND		10	0.48	ug/L		11/04/21 14:59	11/05/21 15:33	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 15:33	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 15:33	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 15:33	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 15:33	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 15:33	1
4-Methylphenol	ND		10	0.36	ug/L		11/04/21 14:59	11/05/21 15:33	1
4-Nitroaniline	ND		10	0.25	ug/L		11/04/21 14:59	11/05/21 15:33	1
4-Nitrophenol	ND		10	1.5	ug/L		11/04/21 14:59	11/05/21 15:33	1
Acenaphthene	ND		5.0	0.41	ug/L		11/04/21 14:59	11/05/21 15:33	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/04/21 14:59	11/05/21 15:33	1
Acetophenone	ND		5.0	0.54	ug/L		11/04/21 14:59	11/05/21 15:33	1
Anthracene	ND		5.0	0.28	ug/L		11/04/21 14:59	11/05/21 15:33	1
Atrazine	ND		5.0	0.46	ug/L		11/04/21 14:59	11/05/21 15:33	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/04/21 14:59	11/05/21 15:33	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 15:33	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 15:33	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/04/21 14:59	11/05/21 15:33	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 15:33	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/04/21 14:59	11/05/21 15:33	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 15:33	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 15:33	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/04/21 14:59	11/05/21 15:33	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/04/21 14:59	11/05/21 15:33	1
Caprolactam	ND		5.0	2.2	ug/L		11/04/21 14:59	11/05/21 15:33	1
Carbazole	ND		5.0	0.30	ug/L		11/04/21 14:59	11/05/21 15:33	1
Chrysene	ND		5.0	0.33	ug/L		11/04/21 14:59	11/05/21 15:33	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/04/21 14:59	11/05/21 15:33	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191790-1

Client Sample ID: OW-31

Date Collected: 11/02/21 09:35

Date Received: 11/02/21 15:10

Lab Sample ID: 480-191790-1

Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 15:33	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/04/21 14:59	11/05/21 15:33	1
Dibenzofuran	ND		10	0.51	ug/L		11/04/21 14:59	11/05/21 15:33	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/04/21 14:59	11/05/21 15:33	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 15:33	1
Fluoranthene	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 15:33	1
Fluorene	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 15:33	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 15:33	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/04/21 14:59	11/05/21 15:33	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 15:33	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 15:33	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 15:33	1
Isophorone	ND		5.0	0.43	ug/L		11/04/21 14:59	11/05/21 15:33	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/04/21 14:59	11/05/21 15:33	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 15:33	1
Naphthalene	ND		5.0	0.76	ug/L		11/04/21 14:59	11/05/21 15:33	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/04/21 14:59	11/05/21 15:33	1
Pentachlorophenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 15:33	1
Phenanthrene	ND		5.0	0.44	ug/L		11/04/21 14:59	11/05/21 15:33	1
Phenol	ND		5.0	0.39	ug/L		11/04/21 14:59	11/05/21 15:33	1
Pyrene	ND		5.0	0.34	ug/L		11/04/21 14:59	11/05/21 15:33	1
Benzoic acid	ND		150	100	ug/L		11/04/21 14:59	11/05/21 15:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	110		41 - 120	11/04/21 14:59	11/05/21 15:33	1
2-Fluorobiphenyl	92		48 - 120	11/04/21 14:59	11/05/21 15:33	1
2-Fluorophenol	65		35 - 120	11/04/21 14:59	11/05/21 15:33	1
Nitrobenzene-d5	83		46 - 120	11/04/21 14:59	11/05/21 15:33	1
p-Terphenyl-d14	80		60 - 148	11/04/21 14:59	11/05/21 15:33	1
Phenol-d5	47		22 - 120	11/04/21 14:59	11/05/21 15:33	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/04/21 09:15	11/04/21 20:12	1
4,4'-DDE	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 20:12	1
4,4'-DDT	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 20:12	1
Aldrin	ND		0.050	0.0081	ug/L		11/04/21 09:15	11/04/21 20:12	1
alpha-BHC	ND		0.050	0.0077	ug/L		11/04/21 09:15	11/04/21 20:12	1
cis-Chlordane	ND		0.050	0.015	ug/L		11/04/21 09:15	11/04/21 20:12	1
beta-BHC	ND		0.050	0.025	ug/L		11/04/21 09:15	11/04/21 20:12	1
delta-BHC	ND		0.050	0.010	ug/L		11/04/21 09:15	11/04/21 20:12	1
Dieldrin	ND		0.050	0.0098	ug/L		11/04/21 09:15	11/04/21 20:12	1
Endosulfan I	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 20:12	1
Endosulfan II	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 20:12	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		11/04/21 09:15	11/04/21 20:12	1
Endrin	ND		0.050	0.014	ug/L		11/04/21 09:15	11/04/21 20:12	1
Endrin aldehyde	ND		0.050	0.016	ug/L		11/04/21 09:15	11/04/21 20:12	1
Endrin ketone	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 20:12	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		11/04/21 09:15	11/04/21 20:12	1
trans-Chlordane	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 20:12	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191790-1

Client Sample ID: OW-31

Date Collected: 11/02/21 09:35

Date Received: 11/02/21 15:10

Lab Sample ID: 480-191790-1

Matrix: Water

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.050	0.0085	ug/L		11/04/21 09:15	11/04/21 20:12	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		11/04/21 09:15	11/04/21 20:12	1
Methoxychlor	ND		0.050	0.014	ug/L		11/04/21 09:15	11/04/21 20:12	1
Toxaphene	ND		0.50	0.12	ug/L		11/04/21 09:15	11/04/21 20:12	1
Mirex	ND		0.050	0.0096	ug/L		11/04/21 09:15	11/04/21 20:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	42		20 - 120	11/04/21 09:15	11/04/21 20:12	1
DCB Decachlorobiphenyl	43		20 - 120	11/04/21 09:15	11/04/21 20:12	1
Tetrachloro-m-xylene	79		44 - 120	11/04/21 09:15	11/04/21 20:12	1
Tetrachloro-m-xylene	75		44 - 120	11/04/21 09:15	11/04/21 20:12	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/03/21 14:29	11/04/21 20:03	1
PCB-1221	ND		0.50	0.18	ug/L		11/03/21 14:29	11/04/21 20:03	1
PCB-1232	ND		0.50	0.18	ug/L		11/03/21 14:29	11/04/21 20:03	1
PCB-1242	ND		0.50	0.18	ug/L		11/03/21 14:29	11/04/21 20:03	1
PCB-1248	ND		0.50	0.18	ug/L		11/03/21 14:29	11/04/21 20:03	1
PCB-1254	ND		0.50	0.25	ug/L		11/03/21 14:29	11/04/21 20:03	1
PCB-1260	ND		0.50	0.25	ug/L		11/03/21 14:29	11/04/21 20:03	1
PCB-1262	ND		0.50	0.25	ug/L		11/03/21 14:29	11/04/21 20:03	1
PCB-1268	ND		0.50	0.25	ug/L		11/03/21 14:29	11/04/21 20:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	81		39 - 121	11/03/21 14:29	11/04/21 20:03	1
Tetrachloro-m-xylene	85		39 - 121	11/03/21 14:29	11/04/21 20:03	1
DCB Decachlorobiphenyl	86		19 - 120	11/03/21 14:29	11/04/21 20:03	1
DCB Decachlorobiphenyl	51		19 - 120	11/03/21 14:29	11/04/21 20:03	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.12	J	0.20	0.060	mg/L		11/04/21 09:14	11/06/21 01:50	1
Antimony	ND		0.020	0.0068	mg/L		11/04/21 09:14	11/06/21 01:50	1
Arsenic	ND		0.015	0.0056	mg/L		11/04/21 09:14	11/06/21 01:50	1
Barium	0.093		0.0020	0.00070	mg/L		11/04/21 09:14	11/06/21 01:50	1
Beryllium	ND		0.0020	0.00030	mg/L		11/04/21 09:14	11/06/21 01:50	1
Cadmium	ND		0.0020	0.00050	mg/L		11/04/21 09:14	11/06/21 01:50	1
Calcium	528		0.50	0.10	mg/L		11/04/21 09:14	11/06/21 01:50	1
Chromium	ND		0.0040	0.0010	mg/L		11/04/21 09:14	11/06/21 01:50	1
Cobalt	ND		0.0040	0.00063	mg/L		11/04/21 09:14	11/06/21 01:50	1
Copper	0.0058	J	0.010	0.0016	mg/L		11/04/21 09:14	11/06/21 01:50	1
Iron	0.23		0.050	0.019	mg/L		11/04/21 09:14	11/06/21 01:50	1
Lead	ND		0.010	0.0030	mg/L		11/04/21 09:14	11/06/21 01:50	1
Magnesium	148		0.20	0.043	mg/L		11/04/21 09:14	11/06/21 01:50	1
Manganese	0.019		0.0030	0.00040	mg/L		11/04/21 09:14	11/06/21 01:50	1
Nickel	0.0031	J	0.010	0.0013	mg/L		11/04/21 09:14	11/06/21 01:50	1
Potassium	1.9		0.50	0.10	mg/L		11/04/21 09:14	11/06/21 01:50	1
Selenium	ND		0.025	0.0087	mg/L		11/04/21 09:14	11/06/21 01:50	1
Silver	ND		0.0060	0.0017	mg/L		11/04/21 09:14	11/06/21 01:50	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191790-1

Client Sample ID: OW-31

Date Collected: 11/02/21 09:35

Date Received: 11/02/21 15:10

Lab Sample ID: 480-191790-1

Matrix: Water

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	61.9		1.0	0.32	mg/L		11/04/21 09:14	11/06/21 01:50	1
Thallium	ND		0.020	0.010	mg/L		11/04/21 09:14	11/06/21 01:50	1
Vanadium	ND		0.0050	0.0015	mg/L		11/04/21 09:14	11/06/21 01:50	1
Zinc	0.0042	J	0.010	0.0015	mg/L		11/04/21 09:14	11/06/21 01:50	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		11/08/21 14:36	11/08/21 19:29	1

Client Sample ID: LPZ-07S

Date Collected: 11/02/21 10:35

Date Received: 11/02/21 15:10

Lab Sample ID: 480-191790-2

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			11/05/21 12:58	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			11/05/21 12:58	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			11/05/21 12:58	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			11/05/21 12:58	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			11/05/21 12:58	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			11/05/21 12:58	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			11/05/21 12:58	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			11/05/21 12:58	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			11/05/21 12:58	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			11/05/21 12:58	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			11/05/21 12:58	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			11/05/21 12:58	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			11/05/21 12:58	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			11/05/21 12:58	2
2-Butanone (MEK)	ND		20	2.6	ug/L			11/05/21 12:58	2
2-Hexanone	ND		10	2.5	ug/L			11/05/21 12:58	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			11/05/21 12:58	2
Acetone	ND		20	6.0	ug/L			11/05/21 12:58	2
Benzene	ND		2.0	0.82	ug/L			11/05/21 12:58	2
Bromodichloromethane	ND		2.0	0.78	ug/L			11/05/21 12:58	2
Bromoform	ND		2.0	0.52	ug/L			11/05/21 12:58	2
Bromomethane	ND		2.0	1.4	ug/L			11/05/21 12:58	2
Carbon disulfide	ND		2.0	0.38	ug/L			11/05/21 12:58	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			11/05/21 12:58	2
Chlorobenzene	ND		2.0	1.5	ug/L			11/05/21 12:58	2
Chloroethane	ND		2.0	0.64	ug/L			11/05/21 12:58	2
Chloroform	ND		2.0	0.68	ug/L			11/05/21 12:58	2
Chloromethane	ND		2.0	0.70	ug/L			11/05/21 12:58	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			11/05/21 12:58	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			11/05/21 12:58	2
Cyclohexane	ND		2.0	0.36	ug/L			11/05/21 12:58	2
Dibromochloromethane	ND		2.0	0.64	ug/L			11/05/21 12:58	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			11/05/21 12:58	2
Ethylbenzene	ND		2.0	1.5	ug/L			11/05/21 12:58	2
Isopropylbenzene	ND		2.0	1.6	ug/L			11/05/21 12:58	2

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191790-1

Client Sample ID: LPZ-07S

Lab Sample ID: 480-191790-2

Date Collected: 11/02/21 10:35

Matrix: Water

Date Received: 11/02/21 15:10

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl acetate	ND		5.0	2.6	ug/L			11/05/21 12:58	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			11/05/21 12:58	2
Methylcyclohexane	ND		2.0	0.32	ug/L			11/05/21 12:58	2
Methylene Chloride	ND		2.0	0.88	ug/L			11/05/21 12:58	2
Styrene	ND		2.0	1.5	ug/L			11/05/21 12:58	2
Tetrachloroethene	ND		2.0	0.72	ug/L			11/05/21 12:58	2
Toluene	ND		2.0	1.0	ug/L			11/05/21 12:58	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			11/05/21 12:58	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			11/05/21 12:58	2
Trichloroethene	ND		2.0	0.92	ug/L			11/05/21 12:58	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			11/05/21 12:58	2
Vinyl chloride	ND		2.0	1.8	ug/L			11/05/21 12:58	2
Xylenes, Total	ND		4.0	1.3	ug/L			11/05/21 12:58	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		11/05/21 12:58	2
4-Bromofluorobenzene (Surr)	100		73 - 120		11/05/21 12:58	2
Toluene-d8 (Surr)	103		80 - 120		11/05/21 12:58	2

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/04/21 14:59	11/05/21 12:51	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/04/21 14:59	11/05/21 12:51	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/04/21 14:59	11/05/21 12:51	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/04/21 14:59	11/05/21 12:51	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 12:51	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/04/21 14:59	11/05/21 12:51	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 12:51	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 12:51	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 12:51	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/04/21 14:59	11/05/21 12:51	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/04/21 14:59	11/05/21 12:51	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/04/21 14:59	11/05/21 12:51	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 12:51	1
2-Nitroaniline	ND		10	0.42	ug/L		11/04/21 14:59	11/05/21 12:51	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/04/21 14:59	11/05/21 12:51	1
3,3'-Dichlorobenzidine	ND	F2	5.0	0.40	ug/L		11/04/21 14:59	11/05/21 12:51	1
3-Nitroaniline	ND		10	0.48	ug/L		11/04/21 14:59	11/05/21 12:51	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 12:51	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 12:51	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 12:51	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 12:51	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 12:51	1
4-Methylphenol	ND		10	0.36	ug/L		11/04/21 14:59	11/05/21 12:51	1
4-Nitroaniline	ND		10	0.25	ug/L		11/04/21 14:59	11/05/21 12:51	1
4-Nitrophenol	ND		10	1.5	ug/L		11/04/21 14:59	11/05/21 12:51	1
Acenaphthene	ND		5.0	0.41	ug/L		11/04/21 14:59	11/05/21 12:51	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/04/21 14:59	11/05/21 12:51	1
Acetophenone	ND		5.0	0.54	ug/L		11/04/21 14:59	11/05/21 12:51	1
Anthracene	ND		5.0	0.28	ug/L		11/04/21 14:59	11/05/21 12:51	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191790-1

Client Sample ID: LPZ-07S

Lab Sample ID: 480-191790-2

Date Collected: 11/02/21 10:35

Matrix: Water

Date Received: 11/02/21 15:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	ND		5.0	0.46	ug/L		11/04/21 14:59	11/05/21 12:51	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/04/21 14:59	11/05/21 12:51	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 12:51	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 12:51	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/04/21 14:59	11/05/21 12:51	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 12:51	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/04/21 14:59	11/05/21 12:51	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 12:51	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 12:51	1
Bis(2-ethylhexyl) phthalate	ND	F2	5.0	2.2	ug/L		11/04/21 14:59	11/05/21 12:51	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/04/21 14:59	11/05/21 12:51	1
Caprolactam	ND		5.0	2.2	ug/L		11/04/21 14:59	11/05/21 12:51	1
Carbazole	ND		5.0	0.30	ug/L		11/04/21 14:59	11/05/21 12:51	1
Chrysene	ND		5.0	0.33	ug/L		11/04/21 14:59	11/05/21 12:51	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/04/21 14:59	11/05/21 12:51	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 12:51	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/04/21 14:59	11/05/21 12:51	1
Dibenzofuran	ND		10	0.51	ug/L		11/04/21 14:59	11/05/21 12:51	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/04/21 14:59	11/05/21 12:51	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 12:51	1
Fluoranthene	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 12:51	1
Fluorene	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 12:51	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 12:51	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/04/21 14:59	11/05/21 12:51	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 12:51	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 12:51	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 12:51	1
Isophorone	ND		5.0	0.43	ug/L		11/04/21 14:59	11/05/21 12:51	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/04/21 14:59	11/05/21 12:51	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 12:51	1
Naphthalene	ND		5.0	0.76	ug/L		11/04/21 14:59	11/05/21 12:51	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/04/21 14:59	11/05/21 12:51	1
Pentachlorophenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 12:51	1
Phenanthrene	ND		5.0	0.44	ug/L		11/04/21 14:59	11/05/21 12:51	1
Phenol	ND		5.0	0.39	ug/L		11/04/21 14:59	11/05/21 12:51	1
Pyrene	ND		5.0	0.34	ug/L		11/04/21 14:59	11/05/21 12:51	1
Benzoic acid	ND		150	100	ug/L		11/04/21 14:59	11/05/21 12:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	109		41 - 120	11/04/21 14:59	11/05/21 12:51	1
2-Fluorobiphenyl	88		48 - 120	11/04/21 14:59	11/05/21 12:51	1
2-Fluorophenol	63		35 - 120	11/04/21 14:59	11/05/21 12:51	1
Nitrobenzene-d5	80		46 - 120	11/04/21 14:59	11/05/21 12:51	1
p-Terphenyl-d14	76		60 - 148	11/04/21 14:59	11/05/21 12:51	1
Phenol-d5	47		22 - 120	11/04/21 14:59	11/05/21 12:51	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/04/21 09:15	11/04/21 16:36	1
4,4'-DDE	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 16:36	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191790-1

Client Sample ID: LPZ-07S

Lab Sample ID: 480-191790-2

Date Collected: 11/02/21 10:35

Matrix: Water

Date Received: 11/02/21 15:10

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 16:36	1
Aldrin	ND		0.050	0.0081	ug/L		11/04/21 09:15	11/04/21 16:36	1
alpha-BHC	ND		0.050	0.0077	ug/L		11/04/21 09:15	11/04/21 16:36	1
cis-Chlordane	ND		0.050	0.015	ug/L		11/04/21 09:15	11/04/21 16:36	1
beta-BHC	ND		0.050	0.025	ug/L		11/04/21 09:15	11/04/21 16:36	1
delta-BHC	ND		0.050	0.010	ug/L		11/04/21 09:15	11/04/21 16:36	1
Dieldrin	ND		0.050	0.0098	ug/L		11/04/21 09:15	11/04/21 16:36	1
Endosulfan I	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 16:36	1
Endosulfan II	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 16:36	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		11/04/21 09:15	11/04/21 16:36	1
Endrin	ND		0.050	0.014	ug/L		11/04/21 09:15	11/04/21 16:36	1
Endrin aldehyde	ND		0.050	0.016	ug/L		11/04/21 09:15	11/04/21 16:36	1
Endrin ketone	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 16:36	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		11/04/21 09:15	11/04/21 16:36	1
trans-Chlordane	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 16:36	1
Heptachlor	ND	F1	0.050	0.0085	ug/L		11/04/21 09:15	11/04/21 16:36	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		11/04/21 09:15	11/04/21 16:36	1
Methoxychlor	ND		0.050	0.014	ug/L		11/04/21 09:15	11/04/21 16:36	1
Toxaphene	ND		0.50	0.12	ug/L		11/04/21 09:15	11/04/21 16:36	1
Mirex	ND		0.050	0.0096	ug/L		11/04/21 09:15	11/04/21 16:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	43		20 - 120	11/04/21 09:15	11/04/21 16:36	1
DCB Decachlorobiphenyl	36		20 - 120	11/04/21 09:15	11/04/21 16:36	1
Tetrachloro-m-xylene	70		44 - 120	11/04/21 09:15	11/04/21 16:36	1
Tetrachloro-m-xylene	63		44 - 120	11/04/21 09:15	11/04/21 16:36	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/03/21 14:29	11/04/21 19:50	1
PCB-1221	ND		0.50	0.18	ug/L		11/03/21 14:29	11/04/21 19:50	1
PCB-1232	ND		0.50	0.18	ug/L		11/03/21 14:29	11/04/21 19:50	1
PCB-1242	ND		0.50	0.18	ug/L		11/03/21 14:29	11/04/21 19:50	1
PCB-1248	ND		0.50	0.18	ug/L		11/03/21 14:29	11/04/21 19:50	1
PCB-1254	ND		0.50	0.25	ug/L		11/03/21 14:29	11/04/21 19:50	1
PCB-1260	ND		0.50	0.25	ug/L		11/03/21 14:29	11/04/21 19:50	1
PCB-1262	ND		0.50	0.25	ug/L		11/03/21 14:29	11/04/21 19:50	1
PCB-1268	ND		0.50	0.25	ug/L		11/03/21 14:29	11/04/21 19:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	73		39 - 121	11/03/21 14:29	11/04/21 19:50	1
Tetrachloro-m-xylene	74		39 - 121	11/03/21 14:29	11/04/21 19:50	1
DCB Decachlorobiphenyl	47		19 - 120	11/03/21 14:29	11/04/21 19:50	1
DCB Decachlorobiphenyl	26		19 - 120	11/03/21 14:29	11/04/21 19:50	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.14	J	0.20	0.060	mg/L		11/04/21 09:14	11/06/21 01:54	1
Antimony	ND		0.020	0.0068	mg/L		11/04/21 09:14	11/06/21 01:54	1
Arsenic	0.0062	J	0.015	0.0056	mg/L		11/04/21 09:14	11/06/21 01:54	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191790-1

Client Sample ID: LPZ-07S

Lab Sample ID: 480-191790-2

Date Collected: 11/02/21 10:35

Matrix: Water

Date Received: 11/02/21 15:10

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.019		0.0020	0.00070	mg/L		11/04/21 09:14	11/06/21 01:54	1
Beryllium	ND		0.0020	0.00030	mg/L		11/04/21 09:14	11/06/21 01:54	1
Cadmium	0.0059		0.0020	0.00050	mg/L		11/04/21 09:14	11/06/21 01:54	1
Calcium	260		0.50	0.10	mg/L		11/04/21 09:14	11/06/21 01:54	1
Chromium	ND		0.0040	0.0010	mg/L		11/04/21 09:14	11/06/21 01:54	1
Cobalt	0.0023	J	0.0040	0.00063	mg/L		11/04/21 09:14	11/06/21 01:54	1
Copper	0.047		0.010	0.0016	mg/L		11/04/21 09:14	11/06/21 01:54	1
Iron	2.7		0.050	0.019	mg/L		11/04/21 09:14	11/06/21 01:54	1
Lead	0.013		0.010	0.0030	mg/L		11/04/21 09:14	11/06/21 01:54	1
Magnesium	47.5		0.20	0.043	mg/L		11/04/21 09:14	11/06/21 01:54	1
Manganese	0.65		0.0030	0.00040	mg/L		11/04/21 09:14	11/06/21 01:54	1
Nickel	0.0069	J	0.010	0.0013	mg/L		11/04/21 09:14	11/06/21 01:54	1
Potassium	8.2		0.50	0.10	mg/L		11/04/21 09:14	11/06/21 01:54	1
Selenium	ND		0.025	0.0087	mg/L		11/04/21 09:14	11/06/21 01:54	1
Silver	ND		0.0060	0.0017	mg/L		11/04/21 09:14	11/06/21 01:54	1
Sodium	21.7		1.0	0.32	mg/L		11/04/21 09:14	11/06/21 01:54	1
Thallium	ND		0.020	0.010	mg/L		11/04/21 09:14	11/06/21 01:54	1
Vanadium	0.0017	J	0.0050	0.0015	mg/L		11/04/21 09:14	11/06/21 01:54	1
Zinc	0.0096	J	0.010	0.0015	mg/L		11/04/21 09:14	11/06/21 01:54	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		11/08/21 14:36	11/08/21 19:30	1

Client Sample ID: LPZ-05S

Lab Sample ID: 480-191790-3

Date Collected: 11/02/21 11:55

Matrix: Water

Date Received: 11/02/21 15:10

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/05/21 13:21	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/05/21 13:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/05/21 13:21	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/05/21 13:21	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/05/21 13:21	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/05/21 13:21	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/05/21 13:21	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/05/21 13:21	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/05/21 13:21	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/05/21 13:21	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/05/21 13:21	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/05/21 13:21	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/05/21 13:21	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/05/21 13:21	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/05/21 13:21	1
2-Hexanone	ND		5.0	1.2	ug/L			11/05/21 13:21	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/05/21 13:21	1
Acetone	ND		10	3.0	ug/L			11/05/21 13:21	1
Benzene	ND		1.0	0.41	ug/L			11/05/21 13:21	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/05/21 13:21	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191790-1

Client Sample ID: LPZ-05S

Lab Sample ID: 480-191790-3

Date Collected: 11/02/21 11:55

Matrix: Water

Date Received: 11/02/21 15:10

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		1.0	0.26	ug/L			11/05/21 13:21	1
Bromomethane	ND		1.0	0.69	ug/L			11/05/21 13:21	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/05/21 13:21	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/05/21 13:21	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/05/21 13:21	1
Chloroethane	ND		1.0	0.32	ug/L			11/05/21 13:21	1
Chloroform	ND		1.0	0.34	ug/L			11/05/21 13:21	1
Chloromethane	ND		1.0	0.35	ug/L			11/05/21 13:21	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/05/21 13:21	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/05/21 13:21	1
Cyclohexane	ND		1.0	0.18	ug/L			11/05/21 13:21	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/05/21 13:21	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/05/21 13:21	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/05/21 13:21	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/05/21 13:21	1
Methyl acetate	ND		2.5	1.3	ug/L			11/05/21 13:21	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/05/21 13:21	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/05/21 13:21	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/05/21 13:21	1
Styrene	ND		1.0	0.73	ug/L			11/05/21 13:21	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/05/21 13:21	1
Toluene	ND		1.0	0.51	ug/L			11/05/21 13:21	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/05/21 13:21	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/05/21 13:21	1
Trichloroethene	ND		1.0	0.46	ug/L			11/05/21 13:21	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/05/21 13:21	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/05/21 13:21	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/05/21 13:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		77 - 120		11/05/21 13:21	1
4-Bromofluorobenzene (Surr)	106		73 - 120		11/05/21 13:21	1
Toluene-d8 (Surr)	103		80 - 120		11/05/21 13:21	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/04/21 14:59	11/05/21 15:59	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/04/21 14:59	11/05/21 15:59	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/04/21 14:59	11/05/21 15:59	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/04/21 14:59	11/05/21 15:59	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 15:59	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/04/21 14:59	11/05/21 15:59	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 15:59	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 15:59	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 15:59	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/04/21 14:59	11/05/21 15:59	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/04/21 14:59	11/05/21 15:59	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/04/21 14:59	11/05/21 15:59	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 15:59	1
2-Nitroaniline	ND		10	0.42	ug/L		11/04/21 14:59	11/05/21 15:59	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191790-1

Client Sample ID: LPZ-05S

Lab Sample ID: 480-191790-3

Date Collected: 11/02/21 11:55

Matrix: Water

Date Received: 11/02/21 15:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	ND		5.0	0.48	ug/L		11/04/21 14:59	11/05/21 15:59	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 15:59	1
3-Nitroaniline	ND		10	0.48	ug/L		11/04/21 14:59	11/05/21 15:59	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 15:59	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 15:59	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 15:59	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 15:59	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 15:59	1
4-Methylphenol	ND		10	0.36	ug/L		11/04/21 14:59	11/05/21 15:59	1
4-Nitroaniline	ND		10	0.25	ug/L		11/04/21 14:59	11/05/21 15:59	1
4-Nitrophenol	ND		10	1.5	ug/L		11/04/21 14:59	11/05/21 15:59	1
Acenaphthene	ND		5.0	0.41	ug/L		11/04/21 14:59	11/05/21 15:59	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/04/21 14:59	11/05/21 15:59	1
Acetophenone	ND		5.0	0.54	ug/L		11/04/21 14:59	11/05/21 15:59	1
Anthracene	ND		5.0	0.28	ug/L		11/04/21 14:59	11/05/21 15:59	1
Atrazine	ND		5.0	0.46	ug/L		11/04/21 14:59	11/05/21 15:59	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/04/21 14:59	11/05/21 15:59	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 15:59	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 15:59	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/04/21 14:59	11/05/21 15:59	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 15:59	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/04/21 14:59	11/05/21 15:59	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 15:59	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 15:59	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/04/21 14:59	11/05/21 15:59	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/04/21 14:59	11/05/21 15:59	1
Caprolactam	ND		5.0	2.2	ug/L		11/04/21 14:59	11/05/21 15:59	1
Carbazole	ND		5.0	0.30	ug/L		11/04/21 14:59	11/05/21 15:59	1
Chrysene	ND		5.0	0.33	ug/L		11/04/21 14:59	11/05/21 15:59	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/04/21 14:59	11/05/21 15:59	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 15:59	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/04/21 14:59	11/05/21 15:59	1
Dibenzofuran	ND		10	0.51	ug/L		11/04/21 14:59	11/05/21 15:59	1
Diethyl phthalate	0.50	J	5.0	0.22	ug/L		11/04/21 14:59	11/05/21 15:59	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 15:59	1
Fluoranthene	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 15:59	1
Fluorene	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 15:59	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 15:59	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/04/21 14:59	11/05/21 15:59	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 15:59	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 15:59	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 15:59	1
Isophorone	ND		5.0	0.43	ug/L		11/04/21 14:59	11/05/21 15:59	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/04/21 14:59	11/05/21 15:59	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 15:59	1
Naphthalene	ND		5.0	0.76	ug/L		11/04/21 14:59	11/05/21 15:59	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/04/21 14:59	11/05/21 15:59	1
Pentachlorophenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 15:59	1
Phenanthrene	ND		5.0	0.44	ug/L		11/04/21 14:59	11/05/21 15:59	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191790-1

Client Sample ID: LPZ-05S

Lab Sample ID: 480-191790-3

Date Collected: 11/02/21 11:55

Matrix: Water

Date Received: 11/02/21 15:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		5.0	0.39	ug/L		11/04/21 14:59	11/05/21 15:59	1
Pyrene	ND		5.0	0.34	ug/L		11/04/21 14:59	11/05/21 15:59	1
Benzoic acid	ND		150	100	ug/L		11/04/21 14:59	11/05/21 15:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	104		41 - 120	11/04/21 14:59	11/05/21 15:59	1
2-Fluorobiphenyl	98		48 - 120	11/04/21 14:59	11/05/21 15:59	1
2-Fluorophenol	65		35 - 120	11/04/21 14:59	11/05/21 15:59	1
Nitrobenzene-d5	86		46 - 120	11/04/21 14:59	11/05/21 15:59	1
p-Terphenyl-d14	81		60 - 148	11/04/21 14:59	11/05/21 15:59	1
Phenol-d5	51		22 - 120	11/04/21 14:59	11/05/21 15:59	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/04/21 09:15	11/04/21 20:32	1
4,4'-DDE	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 20:32	1
4,4'-DDT	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 20:32	1
Aldrin	ND		0.050	0.0081	ug/L		11/04/21 09:15	11/04/21 20:32	1
alpha-BHC	ND		0.050	0.0077	ug/L		11/04/21 09:15	11/04/21 20:32	1
cis-Chlordane	ND		0.050	0.015	ug/L		11/04/21 09:15	11/04/21 20:32	1
beta-BHC	ND		0.050	0.025	ug/L		11/04/21 09:15	11/04/21 20:32	1
delta-BHC	ND		0.050	0.010	ug/L		11/04/21 09:15	11/04/21 20:32	1
Dieldrin	ND		0.050	0.0098	ug/L		11/04/21 09:15	11/04/21 20:32	1
Endosulfan I	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 20:32	1
Endosulfan II	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 20:32	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		11/04/21 09:15	11/04/21 20:32	1
Endrin	ND		0.050	0.014	ug/L		11/04/21 09:15	11/04/21 20:32	1
Endrin aldehyde	ND		0.050	0.016	ug/L		11/04/21 09:15	11/04/21 20:32	1
Endrin ketone	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 20:32	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		11/04/21 09:15	11/04/21 20:32	1
trans-Chlordane	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 20:32	1
Heptachlor	ND		0.050	0.0085	ug/L		11/04/21 09:15	11/04/21 20:32	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		11/04/21 09:15	11/04/21 20:32	1
Methoxychlor	ND		0.050	0.014	ug/L		11/04/21 09:15	11/04/21 20:32	1
Toxaphene	ND		0.50	0.12	ug/L		11/04/21 09:15	11/04/21 20:32	1
Mirex	ND		0.050	0.0096	ug/L		11/04/21 09:15	11/04/21 20:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	55		20 - 120	11/04/21 09:15	11/04/21 20:32	1
DCB Decachlorobiphenyl	54		20 - 120	11/04/21 09:15	11/04/21 20:32	1
Tetrachloro-m-xylene	72		44 - 120	11/04/21 09:15	11/04/21 20:32	1
Tetrachloro-m-xylene	71		44 - 120	11/04/21 09:15	11/04/21 20:32	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/03/21 14:29	11/04/21 20:16	1
PCB-1221	ND		0.50	0.18	ug/L		11/03/21 14:29	11/04/21 20:16	1
PCB-1232	ND		0.50	0.18	ug/L		11/03/21 14:29	11/04/21 20:16	1
PCB-1242	ND		0.50	0.18	ug/L		11/03/21 14:29	11/04/21 20:16	1
PCB-1248	ND		0.50	0.18	ug/L		11/03/21 14:29	11/04/21 20:16	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191790-1

Client Sample ID: LPZ-05S

Lab Sample ID: 480-191790-3

Date Collected: 11/02/21 11:55

Matrix: Water

Date Received: 11/02/21 15:10

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1254	ND		0.50	0.25	ug/L		11/03/21 14:29	11/04/21 20:16	1
PCB-1260	ND		0.50	0.25	ug/L		11/03/21 14:29	11/04/21 20:16	1
PCB-1262	ND		0.50	0.25	ug/L		11/03/21 14:29	11/04/21 20:16	1
PCB-1268	ND		0.50	0.25	ug/L		11/03/21 14:29	11/04/21 20:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	77		39 - 121				11/03/21 14:29	11/04/21 20:16	1
Tetrachloro-m-xylene	80		39 - 121				11/03/21 14:29	11/04/21 20:16	1
DCB Decachlorobiphenyl	83		19 - 120				11/03/21 14:29	11/04/21 20:16	1
DCB Decachlorobiphenyl	49		19 - 120				11/03/21 14:29	11/04/21 20:16	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.073	J	0.20	0.060	mg/L		11/04/21 09:14	11/06/21 02:12	1
Antimony	ND		0.020	0.0068	mg/L		11/04/21 09:14	11/06/21 02:12	1
Arsenic	0.0089	J	0.015	0.0056	mg/L		11/04/21 09:14	11/06/21 02:12	1
Barium	0.20		0.0020	0.00070	mg/L		11/04/21 09:14	11/06/21 02:12	1
Beryllium	ND		0.0020	0.00030	mg/L		11/04/21 09:14	11/06/21 02:12	1
Cadmium	0.00062	J	0.0020	0.00050	mg/L		11/04/21 09:14	11/06/21 02:12	1
Calcium	152		0.50	0.10	mg/L		11/04/21 09:14	11/06/21 02:12	1
Chromium	ND		0.0040	0.0010	mg/L		11/04/21 09:14	11/06/21 02:12	1
Cobalt	0.00086	J	0.0040	0.00063	mg/L		11/04/21 09:14	11/06/21 02:12	1
Copper	0.0016	J	0.010	0.0016	mg/L		11/04/21 09:14	11/06/21 02:12	1
Iron	4.6		0.050	0.019	mg/L		11/04/21 09:14	11/06/21 02:12	1
Lead	0.0044	J	0.010	0.0030	mg/L		11/04/21 09:14	11/06/21 02:12	1
Magnesium	93.3		0.20	0.043	mg/L		11/04/21 09:14	11/06/21 02:12	1
Manganese	0.18		0.0030	0.00040	mg/L		11/04/21 09:14	11/06/21 02:12	1
Nickel	0.0016	J	0.010	0.0013	mg/L		11/04/21 09:14	11/06/21 02:12	1
Potassium	6.1		0.50	0.10	mg/L		11/04/21 09:14	11/06/21 02:12	1
Selenium	ND		0.025	0.0087	mg/L		11/04/21 09:14	11/06/21 02:12	1
Silver	ND		0.0060	0.0017	mg/L		11/04/21 09:14	11/06/21 02:12	1
Sodium	67.9		1.0	0.32	mg/L		11/04/21 09:14	11/06/21 02:12	1
Thallium	ND		0.020	0.010	mg/L		11/04/21 09:14	11/06/21 02:12	1
Vanadium	ND		0.0050	0.0015	mg/L		11/04/21 09:14	11/06/21 02:12	1
Zinc	0.0040	J	0.010	0.0015	mg/L		11/04/21 09:14	11/06/21 02:12	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		11/08/21 14:36	11/08/21 19:36	1

Client Sample ID: LPZ-08S

Lab Sample ID: 480-191790-4

Date Collected: 11/02/21 14:20

Matrix: Water

Date Received: 11/02/21 15:10

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			11/05/21 13:43	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			11/05/21 13:43	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			11/05/21 13:43	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			11/05/21 13:43	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			11/05/21 13:43	2

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191790-1

Client Sample ID: LPZ-08S

Lab Sample ID: 480-191790-4

Date Collected: 11/02/21 14:20

Matrix: Water

Date Received: 11/02/21 15:10

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		2.0	0.58	ug/L			11/05/21 13:43	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			11/05/21 13:43	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			11/05/21 13:43	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			11/05/21 13:43	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			11/05/21 13:43	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			11/05/21 13:43	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			11/05/21 13:43	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			11/05/21 13:43	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			11/05/21 13:43	2
2-Butanone (MEK)	ND		20	2.6	ug/L			11/05/21 13:43	2
2-Hexanone	ND		10	2.5	ug/L			11/05/21 13:43	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			11/05/21 13:43	2
Acetone	ND		20	6.0	ug/L			11/05/21 13:43	2
Benzene	ND		2.0	0.82	ug/L			11/05/21 13:43	2
Bromodichloromethane	ND		2.0	0.78	ug/L			11/05/21 13:43	2
Bromoform	ND		2.0	0.52	ug/L			11/05/21 13:43	2
Bromomethane	ND		2.0	1.4	ug/L			11/05/21 13:43	2
Carbon disulfide	ND		2.0	0.38	ug/L			11/05/21 13:43	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			11/05/21 13:43	2
Chlorobenzene	ND		2.0	1.5	ug/L			11/05/21 13:43	2
Chloroethane	ND		2.0	0.64	ug/L			11/05/21 13:43	2
Chloroform	ND		2.0	0.68	ug/L			11/05/21 13:43	2
Chloromethane	ND		2.0	0.70	ug/L			11/05/21 13:43	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			11/05/21 13:43	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			11/05/21 13:43	2
Cyclohexane	ND		2.0	0.36	ug/L			11/05/21 13:43	2
Dibromochloromethane	ND		2.0	0.64	ug/L			11/05/21 13:43	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			11/05/21 13:43	2
Ethylbenzene	ND		2.0	1.5	ug/L			11/05/21 13:43	2
Isopropylbenzene	ND		2.0	1.6	ug/L			11/05/21 13:43	2
Methyl acetate	ND		5.0	2.6	ug/L			11/05/21 13:43	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			11/05/21 13:43	2
Methylcyclohexane	ND		2.0	0.32	ug/L			11/05/21 13:43	2
Methylene Chloride	ND		2.0	0.88	ug/L			11/05/21 13:43	2
Styrene	ND		2.0	1.5	ug/L			11/05/21 13:43	2
Tetrachloroethene	ND		2.0	0.72	ug/L			11/05/21 13:43	2
Toluene	ND		2.0	1.0	ug/L			11/05/21 13:43	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			11/05/21 13:43	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			11/05/21 13:43	2
Trichloroethene	ND		2.0	0.92	ug/L			11/05/21 13:43	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			11/05/21 13:43	2
Vinyl chloride	ND		2.0	1.8	ug/L			11/05/21 13:43	2
Xylenes, Total	ND		4.0	1.3	ug/L			11/05/21 13:43	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		11/05/21 13:43	2
4-Bromofluorobenzene (Surr)	104		73 - 120		11/05/21 13:43	2
Toluene-d8 (Surr)	104		80 - 120		11/05/21 13:43	2

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191790-1

Client Sample ID: LPZ-08S

Lab Sample ID: 480-191790-4

Date Collected: 11/02/21 14:20

Matrix: Water

Date Received: 11/02/21 15:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/04/21 14:59	11/05/21 16:26	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/04/21 14:59	11/05/21 16:26	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/04/21 14:59	11/05/21 16:26	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/04/21 14:59	11/05/21 16:26	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 16:26	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/04/21 14:59	11/05/21 16:26	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 16:26	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 16:26	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 16:26	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/04/21 14:59	11/05/21 16:26	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/04/21 14:59	11/05/21 16:26	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/04/21 14:59	11/05/21 16:26	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 16:26	1
2-Nitroaniline	ND		10	0.42	ug/L		11/04/21 14:59	11/05/21 16:26	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/04/21 14:59	11/05/21 16:26	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 16:26	1
3-Nitroaniline	ND		10	0.48	ug/L		11/04/21 14:59	11/05/21 16:26	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 16:26	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 16:26	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 16:26	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 16:26	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 16:26	1
4-Methylphenol	ND		10	0.36	ug/L		11/04/21 14:59	11/05/21 16:26	1
4-Nitroaniline	ND		10	0.25	ug/L		11/04/21 14:59	11/05/21 16:26	1
4-Nitrophenol	ND		10	1.5	ug/L		11/04/21 14:59	11/05/21 16:26	1
Acenaphthene	ND		5.0	0.41	ug/L		11/04/21 14:59	11/05/21 16:26	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/04/21 14:59	11/05/21 16:26	1
Acetophenone	ND		5.0	0.54	ug/L		11/04/21 14:59	11/05/21 16:26	1
Anthracene	ND		5.0	0.28	ug/L		11/04/21 14:59	11/05/21 16:26	1
Atrazine	ND		5.0	0.46	ug/L		11/04/21 14:59	11/05/21 16:26	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/04/21 14:59	11/05/21 16:26	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 16:26	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 16:26	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/04/21 14:59	11/05/21 16:26	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 16:26	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/04/21 14:59	11/05/21 16:26	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 16:26	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 16:26	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/04/21 14:59	11/05/21 16:26	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/04/21 14:59	11/05/21 16:26	1
Caprolactam	ND		5.0	2.2	ug/L		11/04/21 14:59	11/05/21 16:26	1
Carbazole	ND		5.0	0.30	ug/L		11/04/21 14:59	11/05/21 16:26	1
Chrysene	ND		5.0	0.33	ug/L		11/04/21 14:59	11/05/21 16:26	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/04/21 14:59	11/05/21 16:26	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 16:26	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/04/21 14:59	11/05/21 16:26	1
Dibenzofuran	ND		10	0.51	ug/L		11/04/21 14:59	11/05/21 16:26	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/04/21 14:59	11/05/21 16:26	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 16:26	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191790-1

Client Sample ID: LPZ-08S

Lab Sample ID: 480-191790-4

Date Collected: 11/02/21 14:20

Matrix: Water

Date Received: 11/02/21 15:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 16:26	1
Fluorene	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 16:26	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 16:26	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/04/21 14:59	11/05/21 16:26	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 16:26	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 16:26	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 16:26	1
Isophorone	ND		5.0	0.43	ug/L		11/04/21 14:59	11/05/21 16:26	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/04/21 14:59	11/05/21 16:26	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 16:26	1
Naphthalene	ND		5.0	0.76	ug/L		11/04/21 14:59	11/05/21 16:26	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/04/21 14:59	11/05/21 16:26	1
Pentachlorophenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 16:26	1
Phenanthrene	ND		5.0	0.44	ug/L		11/04/21 14:59	11/05/21 16:26	1
Phenol	ND		5.0	0.39	ug/L		11/04/21 14:59	11/05/21 16:26	1
Pyrene	ND		5.0	0.34	ug/L		11/04/21 14:59	11/05/21 16:26	1
Benzoic acid	ND		150	100	ug/L		11/04/21 14:59	11/05/21 16:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	108		41 - 120	11/04/21 14:59	11/05/21 16:26	1
2-Fluorobiphenyl	91		48 - 120	11/04/21 14:59	11/05/21 16:26	1
2-Fluorophenol	67		35 - 120	11/04/21 14:59	11/05/21 16:26	1
Nitrobenzene-d5	82		46 - 120	11/04/21 14:59	11/05/21 16:26	1
p-Terphenyl-d14	80		60 - 148	11/04/21 14:59	11/05/21 16:26	1
Phenol-d5	51		22 - 120	11/04/21 14:59	11/05/21 16:26	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/04/21 09:15	11/04/21 20:51	1
4,4'-DDE	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 20:51	1
4,4'-DDT	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 20:51	1
Aldrin	ND		0.050	0.0081	ug/L		11/04/21 09:15	11/04/21 20:51	1
alpha-BHC	ND		0.050	0.0077	ug/L		11/04/21 09:15	11/04/21 20:51	1
cis-Chlordane	ND		0.050	0.015	ug/L		11/04/21 09:15	11/04/21 20:51	1
beta-BHC	0.038	J	0.050	0.025	ug/L		11/04/21 09:15	11/04/21 20:51	1
delta-BHC	ND		0.050	0.010	ug/L		11/04/21 09:15	11/04/21 20:51	1
Dieldrin	ND		0.050	0.0098	ug/L		11/04/21 09:15	11/04/21 20:51	1
Endosulfan I	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 20:51	1
Endosulfan II	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 20:51	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		11/04/21 09:15	11/04/21 20:51	1
Endrin	ND		0.050	0.014	ug/L		11/04/21 09:15	11/04/21 20:51	1
Endrin aldehyde	ND		0.050	0.016	ug/L		11/04/21 09:15	11/04/21 20:51	1
Endrin ketone	ND		0.050	0.012	ug/L		11/04/21 09:15	11/04/21 20:51	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		11/04/21 09:15	11/04/21 20:51	1
trans-Chlordane	ND		0.050	0.011	ug/L		11/04/21 09:15	11/04/21 20:51	1
Heptachlor	ND		0.050	0.0085	ug/L		11/04/21 09:15	11/04/21 20:51	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		11/04/21 09:15	11/04/21 20:51	1
Methoxychlor	ND		0.050	0.014	ug/L		11/04/21 09:15	11/04/21 20:51	1
Toxaphene	ND		0.50	0.12	ug/L		11/04/21 09:15	11/04/21 20:51	1
Mirex	ND		0.050	0.0096	ug/L		11/04/21 09:15	11/04/21 20:51	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191790-1

Client Sample ID: LPZ-08S

Lab Sample ID: 480-191790-4

Date Collected: 11/02/21 14:20

Matrix: Water

Date Received: 11/02/21 15:10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	43		20 - 120	11/04/21 09:15	11/04/21 20:51	1
DCB Decachlorobiphenyl	41		20 - 120	11/04/21 09:15	11/04/21 20:51	1
Tetrachloro-m-xylene	86		44 - 120	11/04/21 09:15	11/04/21 20:51	1
Tetrachloro-m-xylene	72		44 - 120	11/04/21 09:15	11/04/21 20:51	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/03/21 14:29	11/04/21 20:28	1
PCB-1221	ND		0.50	0.18	ug/L		11/03/21 14:29	11/04/21 20:28	1
PCB-1232	ND		0.50	0.18	ug/L		11/03/21 14:29	11/04/21 20:28	1
PCB-1242	ND		0.50	0.18	ug/L		11/03/21 14:29	11/04/21 20:28	1
PCB-1248	ND		0.50	0.18	ug/L		11/03/21 14:29	11/04/21 20:28	1
PCB-1254	ND		0.50	0.25	ug/L		11/03/21 14:29	11/04/21 20:28	1
PCB-1260	ND		0.50	0.25	ug/L		11/03/21 14:29	11/04/21 20:28	1
PCB-1262	ND		0.50	0.25	ug/L		11/03/21 14:29	11/04/21 20:28	1
PCB-1268	ND		0.50	0.25	ug/L		11/03/21 14:29	11/04/21 20:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	69		39 - 121	11/03/21 14:29	11/04/21 20:28	1
Tetrachloro-m-xylene	70		39 - 121	11/03/21 14:29	11/04/21 20:28	1
DCB Decachlorobiphenyl	59		19 - 120	11/03/21 14:29	11/04/21 20:28	1
DCB Decachlorobiphenyl	33		19 - 120	11/03/21 14:29	11/04/21 20:28	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.067	J	0.20	0.060	mg/L		11/04/21 09:14	11/06/21 02:27	1
Antimony	ND		0.020	0.0068	mg/L		11/04/21 09:14	11/06/21 02:27	1
Arsenic	ND		0.015	0.0056	mg/L		11/04/21 09:14	11/06/21 02:27	1
Barium	0.095		0.0020	0.00070	mg/L		11/04/21 09:14	11/06/21 02:27	1
Beryllium	ND		0.0020	0.00030	mg/L		11/04/21 09:14	11/06/21 02:27	1
Cadmium	0.00093	J	0.0020	0.00050	mg/L		11/04/21 09:14	11/06/21 02:27	1
Calcium	501		0.50	0.10	mg/L		11/04/21 09:14	11/06/21 02:27	1
Chromium	0.0096		0.0040	0.0010	mg/L		11/04/21 09:14	11/06/21 02:27	1
Cobalt	0.0050		0.0040	0.00063	mg/L		11/04/21 09:14	11/06/21 02:27	1
Copper	0.011		0.010	0.0016	mg/L		11/04/21 09:14	11/06/21 02:27	1
Iron	33.5		0.050	0.019	mg/L		11/04/21 09:14	11/06/21 02:27	1
Lead	0.015		0.010	0.0030	mg/L		11/04/21 09:14	11/06/21 02:27	1
Magnesium	110		0.20	0.043	mg/L		11/04/21 09:14	11/06/21 02:27	1
Manganese	2.4		0.0030	0.00040	mg/L		11/04/21 09:14	11/06/21 02:27	1
Nickel	0.012		0.010	0.0013	mg/L		11/04/21 09:14	11/06/21 02:27	1
Potassium	8.5		0.50	0.10	mg/L		11/04/21 09:14	11/06/21 02:27	1
Selenium	ND		0.025	0.0087	mg/L		11/04/21 09:14	11/06/21 02:27	1
Silver	ND	^+	0.0060	0.0017	mg/L		11/04/21 09:14	11/06/21 02:27	1
Sodium	98.8		1.0	0.32	mg/L		11/04/21 09:14	11/06/21 02:27	1
Thallium	ND		0.020	0.010	mg/L		11/04/21 09:14	11/06/21 02:27	1
Vanadium	0.0028	J	0.0050	0.0015	mg/L		11/04/21 09:14	11/06/21 02:27	1
Zinc	0.014		0.010	0.0015	mg/L		11/04/21 09:14	11/06/21 02:27	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		11/08/21 14:36	11/08/21 19:37	1

Eurofins TestAmerica, Buffalo

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins TestAmerica, Buffalo

Job No.: 480-191790-1

SDG No.: _____

Matrix: Water Level: Low

Lab File ID: Y02826419.D

Lab ID: 480-191790-2 MS

Client ID: LPZ-07S MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Biphenyl	32.0	ND	29.1	91	57-120	
bis (2-chloroisopropyl) ether	32.0	ND	28.5	89	28-121	
2,4,5-Trichlorophenol	32.0	ND	34.4	107	65-126	
2,4,6-Trichlorophenol	32.0	ND	30.6	96	64-120	
2,4-Dichlorophenol	32.0	ND	31.3	98	48-132	
2,4-Dimethylphenol	32.0	ND	29.2	91	39-130	
2,4-Dinitrophenol	64.0	ND	70.3	110	21-150	
2,4-Dinitrotoluene	32.0	ND	33.2	104	54-138	
2,6-Dinitrotoluene	32.0	ND	32.8	103	17-150	
2-Chloronaphthalene	32.0	ND	29.4	92	52-124	
2-Chlorophenol	32.0	ND	28.6	89	48-120	
2-Methylnaphthalene	32.0	ND	29.6	92	34-140	
2-Methylphenol	32.0	ND	27.7	87	46-120	
2-Nitroaniline	32.0	ND	31.4	98	44-136	
2-Nitrophenol	32.0	ND	30.4	95	38-141	
3,3'-Dichlorobenzidine	64.0	ND	38.7	60	10-150	
3-Nitroaniline	32.0	ND	25.2	79	32-150	
4,6-Dinitro-2-methylphenol	64.0	ND	73.0	114	38-150	
4-Bromophenyl phenyl ether	32.0	ND	30.9	96	63-126	
4-Chloro-3-methylphenol	32.0	ND	32.3	101	64-127	
4-Chloroaniline	32.0	ND	26.0	81	16-124	
4-Chlorophenyl phenyl ether	32.0	ND	30.5	95	61-120	
4-Methylphenol	32.0	ND	28.0	88	36-120	
4-Nitroaniline	32.0	ND	31.1	97	32-150	
4-Nitrophenol	64.0	ND	48.9	76	23-132	
Acenaphthene	32.0	ND	30.4	95	48-120	
Acenaphthylene	32.0	ND	31.1	97	63-120	
Acetophenone	32.0	ND	31.7	99	53-120	
Anthracene	32.0	ND	30.2	95	65-122	
Atrazine	64.0	ND	67.9	106	50-150	
Benzaldehyde	64.0	ND	62.2	97	10-150	
Benzo (a) anthracene	32.0	ND	24.5	77	43-124	
Benzo (a) pyrene	32.0	ND	20.7	65	23-125	
Benzo (b) fluoranthene	32.0	ND	21.0	66	27-127	
Benzo (g,h,i) perylene	32.0	ND	17.3	54	16-147	
Benzo (k) fluoranthene	32.0	ND	20.5	64	20-124	
Bis (2-chloroethoxy) methane	32.0	ND	31.4	98	44-128	
Bis (2-chloroethyl) ether	32.0	ND	29.9	93	45-120	
Bis (2-ethylhexyl) phthalate	32.0	ND	21.3	67	16-150	
Butyl benzyl phthalate	32.0	ND	30.5	95	51-140	
Caprolactam	64.0	ND	27.5	43	10-120	
Carbazole	32.0	ND	31.5	99	16-148	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191790-1

SDG No.: _____

Matrix: Water Level: Low Lab File ID: Y02826419.D

Lab ID: 480-191790-2 MS Client ID: LPZ-07S MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Chrysene	32.0	ND	24.3	76	44-122	
Di-n-butyl phthalate	32.0	ND	29.5	92	65-129	
Di-n-octyl phthalate	32.0	ND	21.2	66	16-150	
Dibenz(a,h)anthracene	32.0	ND	17.0	53	16-139	
Dibenzofuran	32.0	ND	31.1	97	60-120	
Diethyl phthalate	32.0	ND	32.2	101	53-133	
Dimethyl phthalate	32.0	ND	34.8	109	59-123	
Fluoranthene	32.0	ND	30.2	94	63-129	
Fluorene	32.0	ND	31.4	98	62-120	
Hexachlorobenzene	32.0	ND	29.1	91	57-121	
Hexachlorobutadiene	32.0	ND	26.9	84	37-120	
Hexachlorocyclopentadiene	32.0	ND	25.1	78	21-120	
Hexachloroethane	32.0	ND	25.8	81	16-130	
Indeno(1,2,3-cd)pyrene	32.0	ND	17.5	55	16-140	
Isophorone	32.0	ND	32.0	100	48-133	
N-Nitrosodi-n-propylamine	32.0	ND	30.1	94	49-120	
N-Nitrosodiphenylamine	32.0	ND	28.1	88	39-138	
Naphthalene	32.0	ND	28.0	87	45-120	
Nitrobenzene	32.0	ND	30.9	97	45-123	
Pentachlorophenol	64.0	ND	67.4	105	23-149	
Phenanthrene	32.0	ND	30.8	96	65-122	
Phenol	32.0	ND	17.3	54	16-120	
Pyrene	32.0	ND	29.7	93	58-128	
Benzoic acid	256	ND	166	65	10-146	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Buffalo

Job No.: 480-191790-1

SDG No.: _____

Matrix: Water Level: Low

Lab File ID: Y02826420.D

Lab ID: 480-191790-2 MSD

Client ID: LPZ-07S MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Biphenyl	32.0	29.3	92	1	20	57-120	
bis (2-chloroisopropyl) ether	32.0	27.8	87	2	24	28-121	
2,4,5-Trichlorophenol	32.0	33.6	105	2	18	65-126	
2,4,6-Trichlorophenol	32.0	28.9	90	6	19	64-120	
2,4-Dichlorophenol	32.0	30.7	96	2	19	48-132	
2,4-Dimethylphenol	32.0	28.5	89	3	42	39-130	
2,4-Dinitrophenol	64.0	73.5	115	4	22	21-150	
2,4-Dinitrotoluene	32.0	33.2	104	0	20	54-138	
2,6-Dinitrotoluene	32.0	32.5	102	1	15	17-150	
2-Chloronaphthalene	32.0	28.9	90	2	21	52-124	
2-Chlorophenol	32.0	28.2	88	1	25	48-120	
2-Methylnaphthalene	32.0	29.1	91	2	21	34-140	
2-Methylphenol	32.0	26.9	84	3	27	46-120	
2-Nitroaniline	32.0	31.4	98	0	15	44-136	
2-Nitrophenol	32.0	31.5	98	3	18	38-141	
3,3'-Dichlorobenzidine	64.0	20.2	32	63	25	10-150	F2
3-Nitroaniline	32.0	25.6	80	2	19	32-150	
4,6-Dinitro-2-methylphenol	64.0	74.6	116	2	15	38-150	
4-Bromophenyl phenyl ether	32.0	30.1	94	2	15	63-126	
4-Chloro-3-methylphenol	32.0	31.3	98	3	27	64-127	
4-Chloroaniline	32.0	24.7	77	5	22	16-124	
4-Chlorophenyl phenyl ether	32.0	30.4	95	0	16	61-120	
4-Methylphenol	32.0	28.1	88	0	24	36-120	
4-Nitroaniline	32.0	31.8	100	2	24	32-150	
4-Nitrophenol	64.0	47.9	75	2	48	23-132	
Acenaphthene	32.0	30.5	95	0	24	48-120	
Acenaphthylene	32.0	30.2	94	3	18	63-120	
Acetophenone	32.0	31.2	97	2	20	53-120	
Anthracene	32.0	30.9	97	2	15	65-122	
Atrazine	64.0	69.1	108	2	20	50-150	
Benzaldehyde	64.0	60.8	95	2	20	10-150	
Benzo (a) anthracene	32.0	22.1	69	10	15	43-124	
Benzo (a) pyrene	32.0	19.3	60	7	15	23-125	
Benzo (b) fluoranthene	32.0	19.7	62	6	15	27-127	
Benzo (g,h,i) perylene	32.0	19.0	59	9	15	16-147	
Benzo (k) fluoranthene	32.0	18.3	57	11	22	20-124	
Bis (2-chloroethoxy) methane	32.0	31.3	98	0	17	44-128	
Bis (2-chloroethyl) ether	32.0	30.4	95	2	21	45-120	
Bis (2-ethylhexyl) phthalate	32.0	18.1	56	17	15	16-150	F2
Butyl benzyl phthalate	32.0	28.3	88	8	16	51-140	
Caprolactam	64.0	26.5	41	4	20	10-120	
Carbazole	32.0	32.9	103	4	20	16-148	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Buffalo

Job No.: 480-191790-1

SDG No.: _____

Matrix: Water Level: Low

Lab File ID: Y02826420.D

Lab ID: 480-191790-2 MSD

Client ID: LPZ-07S MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Chrysene	32.0	22.2	69	9	15	44-122	
Di-n-butyl phthalate	32.0	29.8	93	1	15	65-129	
Di-n-octyl phthalate	32.0	18.1	56	16	16	16-150	
Dibenz (a,h) anthracene	32.0	17.7	55	5	15	16-139	
Dibenzofuran	32.0	30.0	94	4	15	60-120	
Diethyl phthalate	32.0	32.2	101	0	15	53-133	
Dimethyl phthalate	32.0	34.6	108	1	15	59-123	
Fluoranthene	32.0	29.4	92	3	15	63-129	
Fluorene	32.0	30.9	97	2	15	62-120	
Hexachlorobenzene	32.0	27.4	86	6	15	57-121	
Hexachlorobutadiene	32.0	26.4	82	2	44	37-120	
Hexachlorocyclopentadiene	32.0	23.6	74	6	49	21-120	
Hexachloroethane	32.0	25.6	80	1	46	16-130	
Indeno (1,2,3-cd) pyrene	32.0	17.4	54	1	15	16-140	
Isophorone	32.0	31.5	98	2	17	48-133	
N-Nitrosodi-n-propylamine	32.0	31.6	99	5	31	49-120	
N-Nitrosodiphenylamine	32.0	30.0	94	6	15	39-138	
Naphthalene	32.0	27.9	87	0	29	45-120	
Nitrobenzene	32.0	29.8	93	4	24	45-123	
Pentachlorophenol	64.0	68.3	107	1	37	23-149	
Phenanthrene	32.0	30.4	95	1	15	65-122	
Phenol	32.0	16.9	53	2	34	16-120	
Pyrene	32.0	27.9	87	6	19	58-128	
Benzoic acid	256	171	67	3	50	10-146	

Column to be used to flag recovery and RPD values

FORM II
PESTICIDES SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191790-1

SDG No.: _____

Matrix: Water Level: Low

GC Column (1): RTX-CLPI ID: 0.53 (mm) GC Column (2): RTX-CLPII ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	TCX1 #	TCX2 #	DCBP1 #	DCBP2 #
OW-31	480-191790-1	79	75	42	43
LPZ-07S	480-191790-2	70	63	43	36
LPZ-05S	480-191790-3	72	71	55	54
LPZ-08S	480-191790-4	86	72	43	41
	MB 480-603396/1-A	63	62	53	51
	LCS 480-603396/2-A	80	76	55	52
LPZ-07S MS	480-191790-2 MS	72	68	34	29
LPZ-07S MSD	480-191790-2 MSD	67	64	37	32

TCX = Tetrachloro-m-xylene
DCBP = DCB Decachlorobiphenyl

QC LIMITS
44-120
20-120

Column to be used to flag recovery values

FORM II 8081B

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191790-1
 SDG No.: _____
 Client Sample ID: LPZ-07S MS Lab Sample ID: 480-191790-2 MS
 Instrument ID (1): HP6890-25 Instrument ID (2): HP6890-25
 Date Analyzed (1): 11/04/2021 15:57 Date Analyzed (2): 11/04/2021 15:57
 GC Column (1): RTX-CLPI ID: 0.53 (mm) GC Column (2): RTX-CLPII ID: 0.53 (mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		3.00	2.97	3.03	0.273		15.8
	2		3.57	3.54	3.60	0.320		
gamma-BHC (Lindane)	1		3.26	3.23	3.29	0.292		15.2
	2		3.92	3.90	3.96	0.340		
beta-BHC	1		3.33	3.30	3.36	0.342		2.4
	2		4.00	3.97	4.03	0.350		
delta-BHC	1		3.49	3.46	3.52	0.314		16.0
	2		4.31	4.29	4.35	0.368		
Heptachlor	1		3.68	3.65	3.71	0.239		7.0
	2		4.40	4.38	4.44	0.256		
Aldrin	1		3.96	3.93	3.99	0.184		17.0
	2		4.76	4.73	4.79	0.218		
Heptachlor epoxide	1		4.56	4.53	4.59	0.319		12.4
	2		5.36	5.34	5.40	0.362		
trans-Chlordane	1		4.68	4.65	4.71	0.235		16.3
	2		5.56	5.54	5.60	0.276		
cis-Chlordane	1		4.82	4.79	4.85	0.235		20.7
	2		5.72	5.69	5.75	0.290		
4,4'-DDE	1		4.90	4.87	4.93	0.171		12.5
	2		5.87	5.85	5.91	0.194		
Endosulfan I	1		4.96	4.93	4.99	0.282		21.2
	2		5.78	5.76	5.82	0.348		
Dieldrin	1		5.20	5.17	5.23	0.309		7.3
	2		6.07	6.05	6.11	0.332		
Endrin	1		5.44	5.41	5.47	0.317		13.4
	2		6.39	6.37	6.43	0.362		
4,4'-DDD	1		5.51	5.48	5.54	0.276		16.3
	2		6.48	6.45	6.51	0.325		
Endosulfan II	1		5.67	5.64	5.70	0.336		18.2
	2		6.61	6.58	6.64	0.403		
4,4'-DDT	1		5.79	5.76	5.82	0.198		27.2
	2		6.80	6.78	6.84	0.261		
Endrin aldehyde	1		6.10	6.07	6.13	0.316		19.0
	2		6.95	6.93	6.99	0.382		
Methoxychlor	1		6.29	6.26	6.32	0.321		17.0
	2		7.49	7.46	7.52	0.381		
Endosulfan sulfate	1		6.54	6.52	6.58	0.366		14.9
	2		7.24	7.21	7.27	0.425		
Endrin ketone	1		6.83	6.80	6.86	0.388		5.0
	2		7.79	7.77	7.83	0.408		

FORM II
PCBS SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191790-1

SDG No.: _____

Matrix: Water Level: Low

GC Column (1): ZB-35 ID: 0.53 (mm) GC Column (2): ZB-5 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	TCX1 #	TCX2 #	DCBP1 #	DCBP2 #
OW-31	480-191790-1	85	81	51	86
LPZ-07S	480-191790-2	74	73	26	47
LPZ-05S	480-191790-3	80	77	49	83
LPZ-08S	480-191790-4	70	69	33	59
	MB 480-603295/1-A	79	76	55	86
	LCS 480-603295/2-A	84	81	43	77
LPZ-07S MS	480-191790-2 MS	77	76	24	44
LPZ-07S MSD	480-191790-2 MSD	70	69	22	40

TCX = Tetrachloro-m-xylene
DCBP = DCB Decachlorobiphenyl

QC LIMITS
39-121
19-120

Column to be used to flag recovery values

FORM II 8082A

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191790-1
 SDG No.: _____
 Lab Sample ID: ICV 480-581327/30 Calibration Date: 05/17/2021 23:07
 Instrument ID: HP6890-6 Calib Start Date: 05/17/2021 22:29
 GC Column: ZB-5 ID: 0.53 (mm) Calib End Date: 05/17/2021 22:54
 Lab File ID: 6_087-212.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Lin2		0.0171		0.512	0.500	2.3	20.0
PCB-1242 Peak 2	Lin2		0.0209		0.517	0.500	3.5	20.0
PCB-1242 Peak 3	Lin2		0.0448		0.482	0.500	-3.7	20.0
PCB-1242 Peak 4	Lin2		0.0275		0.492	0.500	-1.7	20.0
PCB-1242 Peak 5	Lin2		0.0205		0.513	0.500	2.6	20.0
PCB-1268 Peak 1	Lin2		0.1398		0.510	0.500	1.9	20.0
PCB-1268 Peak 2	Lin2		0.1257		0.505	0.500	1.0	20.0
PCB-1268 Peak 3	Lin2		0.1196		0.554	0.500	10.8	20.0
PCB-1268 Peak 4	Lin2		0.0350		0.368	0.500	-26.4*	20.0
PCB-1268 Peak 5	Lin2		0.3141		0.456	0.500	-8.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191790-1
 SDG No.: _____
 Lab Sample ID: ICV 480-581327/30 Calibration Date: 05/17/2021 23:07
 Instrument ID: HP6890-6 Calib Start Date: 05/17/2021 22:29
 GC Column: ZB-35 ID: 0.53 (mm) Calib End Date: 05/17/2021 22:54
 Lab File ID: 6_087-212.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Lin2		0.0163		0.508	0.500	1.5	20.0
PCB-1242 Peak 2	Lin2		0.0362		0.505	0.500	1.1	20.0
PCB-1242 Peak 3	Lin2		0.0425		0.488	0.500	-2.5	20.0
PCB-1242 Peak 4	Lin2		0.0280		0.502	0.500	0.3	20.0
PCB-1242 Peak 5	Lin2		0.0264		0.508	0.500	1.7	20.0
PCB-1268 Peak 1	Lin2		0.1350		0.523	0.500	4.6	20.0
PCB-1268 Peak 2	Lin2		0.1243		0.529	0.500	5.7	20.0
PCB-1268 Peak 3	Lin2		0.1154		0.567	0.500	13.4	20.0
PCB-1268 Peak 4	Lin2		0.0342		0.371	0.500	-25.9*	20.0
PCB-1268 Peak 5	Lin2		0.3085		0.462	0.500	-7.7	20.0

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191790-1
 SDG No.: _____
 Lab Sample ID: CCVIS 480-603511/5 Calibration Date: 11/04/2021 17:30
 Instrument ID: HP6890-6 Calib Start Date: 05/17/2021 18:14
 GC Column: ZB-5 ID: 0.53 (mm) Calib End Date: 05/17/2021 19:30
 Lab File ID: 6_099-147.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Lin2		0.0203		0.474	0.504	-5.8	20.0
PCB-1016 Peak 2	Lin2		0.0258		0.479	0.504	-4.9	20.0
PCB-1016 Peak 3	Lin2		0.0588		0.477	0.504	-5.3	20.0
PCB-1016 Peak 4	Lin2		0.0366		0.501	0.504	-0.5	20.0
PCB-1016 Peak 5	Lin2		0.0224		0.497	0.504	-1.3	20.0
PCB-1260 Peak 1	Lin2		0.0485		0.487	0.504	-3.3	20.0
PCB-1260 Peak 2	Lin2		0.0674		0.617	0.504	22.3*	20.0
PCB-1260 Peak 3	Lin2		0.0840		0.594	0.504	18.0	20.0
PCB-1260 Peak 4	Lin2		0.0510		0.578	0.504	14.8	20.0
PCB-1260 Peak 5	Lin2		0.1253		0.587	0.504	16.6	20.0
Tetrachloro-m-xylene	Lin2		1.154		0.0112	0.0125	-10.4	20.0
DCB Decachlorobiphenyl	Lin1		1.389		0.0188	0.0125	50.7*	20.0

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191790-1

SDG No.: _____

ICV Source: MEI_10_CCVL_00403 Concentration Units: mg/L

CCV Source: MEI_10_CCVL_00403

Analyte	ICVL 480-603728/8 11/05/2021 15:11				CCVL 480-603728/20 11/06/2021 00:54				CCVL 480-603728/24 11/06/2021 01:39			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	0.222		0.200	111	0.204		0.200	102	0.186	J	0.200	93
Antimony	0.0189	J	0.0200	95	0.0191	J	0.0200	96	0.0194	J	0.0200	97
Arsenic	0.0124	J	0.0150	83	0.0106	J	0.0150	71	0.0108	J	0.0150	72
Barium	0.00212		0.00200	106	0.00215		0.00200	108	0.00213		0.00200	107
Beryllium	0.00206		0.00200	103	0.00206		0.00200	103	0.00200		0.00200	100
Cadmium	0.00189	J	0.00200	95	0.00184	J	0.00200	92	0.00200		0.00200	100
Calcium	0.499	J	0.500	100	0.500		0.500	100	0.498	J	0.500	100
Chromium	0.00407		0.00400	102	0.00383	J	0.00400	96	0.00356	J	0.00400	89
Cobalt	0.00380	J	0.00400	95	0.00383	J	0.00400	96	0.00369	J	0.00400	92
Copper	0.0117		0.0100	117	0.0106		0.0100	106	0.0115		0.0100	115
Iron	0.0488	J	0.0500	98	0.0480	J	0.0500	96	0.0484	J	0.0500	97
Lead	0.00904	J	0.0100	90	0.00941	J	0.0100	94	0.00951	J	0.0100	95
Magnesium	0.197	J	0.200	99	0.190	J	0.200	95	0.197	J	0.200	98
Manganese	0.00311		0.00300	104	0.00286	J	0.00300	95	0.00292	J	0.00300	97
Nickel	0.00959	J	0.0100	96	0.00950	J	0.0100	95	0.00910	J	0.0100	91
Potassium	0.517		0.500	103	0.507		0.500	101	0.487	J	0.500	97
Selenium	0.0203	J	0.0250	81	0.0227	J	0.0250	91	0.0236	J	0.0250	94
Silver	0.00601		0.00600	100	0.00685		0.00600	114	0.00669		0.00600	112
Sodium	0.986	J	1.01	98	0.979	J	1.01	97	0.969	J	1.01	96
Thallium	0.0208		0.0200	104	0.0200		0.0200	100	0.0193	J	0.0200	96
Vanadium	0.00476	J	0.00500	95	0.00499	J	0.00500	100	0.00484	J	0.00500	97
Zinc	0.0105		0.0100	105	0.0110		0.0100	110	0.0102		0.0100	102

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191790-1

SDG No.: _____

ICV Source: MEI_10_CCVL_00403 Concentration Units: mg/L

CCV Source: MEI_10_CCVL_00403

Analyte	CCVL 480-603728/36 11/06/2021 02:23				CCVL 480-603728/48 11/06/2021 03:08							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	0.206		0.200	103	0.204		0.200	102				
Antimony	0.0186	J	0.0200	93	0.0159	J	0.0200	80				
Arsenic	0.0110	J	0.0150	73	0.0117	J	0.0150	78				
Barium	0.00212		0.00200	106	0.00211		0.00200	106				
Beryllium	0.00207		0.00200	104	0.00199	J	0.00200	100				
Cadmium	0.00184	J	0.00200	92	0.00188	J	0.00200	94				
Calcium	0.498	J	0.500	100	0.496	J	0.500	99				
Chromium	0.00392	J	0.00400	98	0.00363	J	0.00400	91				
Cobalt	0.00374	J	0.00400	94	0.00355	J	0.00400	89				
Copper	0.0124		0.0100	124	0.0107		0.0100	107				
Iron	0.0518		0.0500	104	0.0489	J	0.0500	98				
Lead	0.00907	J	0.0100	91	0.00884	J	0.0100	88				
Magnesium	0.197	J	0.200	98	0.190	J	0.200	95				
Manganese	0.00301		0.00300	100	0.00292	J	0.00300	97				
Nickel	0.00925	J	0.0100	93	0.00922	J	0.0100	92				
Potassium	0.458	J	0.500	92	0.492	J	0.500	98				
Selenium	0.0218	J	0.0250	87	0.0217	J	0.0250	87				
Silver	0.00659		0.00600	110	0.00631		0.00600	105				
Sodium	0.964	J	1.01	96	0.952	J	1.01	95				
Thallium	0.0209		0.0200	104	0.0203		0.0200	102				
Vanadium	0.00533		0.00500	107	0.00468	J	0.00500	94				
Zinc	0.0101		0.0100	101	0.0101		0.0100	101				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins TestAmerica, Buffalo

Job No.: 480-191790-1

SDG No.: _____

Concentration Units: mg/L

Analyte	RL	ICB 480-603728/7 11/05/2021 15:07		CCB 480-603728/19 11/06/2021 00:50		CCB 480-603728/23 11/06/2021 01:35		CCB 480-603728/35 11/06/2021 02:19	
		Found	C	Found	C	Found	C	Found	C
Aluminum	0.20	ND		ND		ND		ND	
Antimony	0.020	ND		ND		ND		ND	
Arsenic	0.015	ND		ND		ND		ND	
Barium	0.0020	ND		ND		ND		ND	
Beryllium	0.0020	ND		ND		ND		ND	
Cadmium	0.0020	ND		ND		ND		ND	
Calcium	0.50	ND		ND		ND		ND	
Chromium	0.0040	ND		ND		ND		ND	
Cobalt	0.0040	ND		ND		ND		ND	
Copper	0.010	ND		0.00167	J	0.00168	J	ND	
Iron	0.050	ND		ND		ND		ND	
Lead	0.010	ND		ND		ND		ND	
Magnesium	0.20	ND		ND		ND		ND	
Manganese	0.0030	ND		ND		ND		ND	
Nickel	0.010	ND		ND		ND		ND	
Potassium	0.50	ND		ND		ND		ND	
Selenium	0.025	ND		ND		ND		ND	
Silver	0.0060	ND		ND		ND		ND	
Sodium	1.0	ND		ND		ND		ND	
Thallium	0.020	ND		ND		ND		ND	
Vanadium	0.0050	ND		ND		ND		ND	
Zinc	0.010	ND		ND		ND		ND	

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins TestAmerica, Buffalo

Job No.: 480-191790-1

SDG No.: _____

Concentration Units: mg/L

Analyte	RL	CCB 480-603728/47 11/06/2021 03:04							
		Found	C	Found	C	Found	C	Found	C
Aluminum	0.20	ND							
Antimony	0.020	ND							
Arsenic	0.015	ND							
Barium	0.0020	ND							
Beryllium	0.0020	ND							
Cadmium	0.0020	ND							
Calcium	0.50	ND							
Chromium	0.0040	ND							
Cobalt	0.0040	ND							
Copper	0.010	0.00168	J						
Iron	0.050	ND							
Lead	0.010	ND							
Magnesium	0.20	ND							
Manganese	0.0030	ND							
Nickel	0.010	ND							
Potassium	0.50	ND							
Selenium	0.025	ND							
Silver	0.0060	ND							
Sodium	1.0	ND							
Thallium	0.020	ND							
Vanadium	0.0050	ND							
Zinc	0.010	ND							

Italicized analytes were not requested for this sequence.

**OW-34, OW-35, OW-36, LDP-01,
LDP-03 & LDP-04**

Data Usability Summary Report

Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

Nash Rd. LF #932054
Eurofins SDG#480-191852-1
February 25, 2022
Reissued: March 8, 2022
Sampling date: 11/3/2021

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

Nash Rd. LF #932054
SDG# 480-191852-1

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package(reissued: March 8, 2022) for LiRo Engineers, project located at Nash Rd. LF #932054, Eurofins SDG#480-191852-1 submitted to Vali-Data of WNY, LLC on December 8, 2021. This DUSR has been prepared in general compliance with USEPA National Functional Guidelines(NFG) and NYSDEC Analytical Services Protocols. The laboratory performed the analyses using USEPA method Volatile Organics (8260C), Semi-Volatile Organics (8270D), Pesticides (8081B), PCB (8082A), and Inorganics/Mercury (6010C, 7470A).

ID	Sample ID	Laboratory ID
1	LDP-01	480-191852-1
2	LDP-03	480-191852-2
3	LDP-04	480-191852-3
4	OW-35	480-191852-4
5	OW-36	480-191852-5
6	OW-34	480-191852-6

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Sample Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

Nash Rd. LF #932054

SDG# 480-191852-1

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Holding Times and Continuing Calibration.

Sample: OW-34 was diluted due to foaming.

Samples: OW-35 and OW-36 were diluted due to high target analyte concentrations.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

Samples: LDP-01 and LDP-04 had headspace in the vials. Target analytes in these samples should be qualified as estimated.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on some target analytes, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except some target analytes were outside QC limits in the continuing calibrations and should be qualified as estimated in the associated samples, blanks and spikes.

Ccal ID	Target Analyte	%D	Qualifier	Associated Sample
CCVIS 480-603730/3	Cyclohexane	-26.9	UJ/J	MB/LCS 480-603730, 5

GC/MS PERFORMANCE CHECK

All criteria were met.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Surrogate Spike Recoveries.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of 2,4,6-Tribromophenol was outside QC limits, high in OW-35, OW-36 and OW-34. Associated target analytes were not detected in these samples, so no further action is required.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on some target analytes, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

GC/MS PERFORMANCE CHECK

All criteria were met.

PESTICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Method Blank and Compound Quantitation.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the samples were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met except Endosulfan II and trans-Chlordane were detected above the MDL, below the reporting limit and are qualified as estimated in MB 480-603655/1-A. These target analytes should be qualified as estimated in the associated samples in which they were

detected.

Blank ID	Target Analyte	Concentration(ug/L)	Qualifier	Associated Sample
MB 480-603655	Endosulfan II	.0190	U at RL	1, 5
MB 480-603655	trans-Chlordane	.0125	U at RL	none

The RPD of Endosulfan II was outside QC limits between the columns in MB 480-603655/1-A and should be qualified as estimated.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All the criteria were met except the RPD of Endosulfan II was outside QC limits between the columns in OW-36 and should be qualified as estimated.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used on all target analytes and surrogates, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

PCB

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision

Nash Rd. LF #932054

SDG# 480-191852-1

- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Initial Calibration and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met except the %D of Aroclor 1268 p 4 was outside QC limits off both columns in ICV 480-581327/30. This target analyte should be qualified as estimated in the blank, spike and samples.

Alternate forms of regression were used on all of the target analytes and surrogates, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except some target analytes(TA) and surrogates were outside QC limits in the continuing calibration. These surrogates and target analytes should be qualified as estimated in the associated blank, spike and samples off the associated column.

Ccal ID	TA/Surrogate	Column	Qualifier	Associated Sample
CCVIS 480-603911/5	DCBP	ZB-5	J	MB/LCS 480-603866, 1-6
CCV 480-603911/8	Aroclor 1268	ZB-35	UJ/J	MB/LCS 480-603866, 1-6
CCV 480-603911/31	DCBP	ZB-5	J	MB/LCS 480-603866, 1-6

Some target analytes were outside laboratory QC limits but were within NFG QC limits, so no further action is required.

Some target analytes were outside QC limits on the confirmatory column, so no further action is required.

METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Blanks
- Laboratory Control Sample
- MS/MSD/Duplicate
- Field Duplicate
- Serial Dilution
- Compound Quantitation
- Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Blanks and Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

BLANKS

All criteria were met except several target analytes were outside QC limits above the MDL, but below the reporting limits. These target analytes should be qualified as undetected at the reporting limit in associated samples in which they were detected above the MDL, and below the reporting limit. These target analytes should be qualified as estimated high in the associated samples in which they were detected above the reporting limit.

Blank ID	Target analyte	Concentration(mg/L)	Qualifier	Associated Sample
CCB 480-604081/27	Se	.00897	JH	None
CCB 480-604240/18	K	.125	JH	None
CCB 480-604240/27	K	.197	U at RL	1, 2
CCB 480-604240/27	K	.197	JH	3-6
CCB 480-604240/38	K	.229	U at RL	1, 2
CCB 480-604240/38	K	.229	JH	3-6
MB 480-603497	K	.193	U at RL	1, 2
MB 480-603497	K	.193	JH	3-6

LABORATORY CONTROL SAMPLE

All criteria were met.

MS/MSD/DUPLICATE

No MS/MSD was acquired.

FIELD DUPLICATE

No field duplicate was acquired.

SERIAL DILUTION

No serial dilution was performed.

COMPOUND QUANTITATION

All criteria were met.

CALIBRATION

All criteria were met except the %D of some target analytes was outside QC limits. These target analytes should be qualified as estimated in the associated samples, blanks and spikes.

Calibration ID	Target Analyte	%D	Qualifier	Associated Sample
CCVL 480-604081/19	K	85	J	MB/LCS 480-603497
ICVL 480-604240/7	As	77	UJ/J	1-6
ICVL 480-604240/7	Pb	74	UJ/J	1-6
ICVL 480-604240/7	Se	85	UJ/J	1-6
ICVL 480-604240/7	Ag	79	UJ/J	1-6
ICVL 480-604240/7	Al	117	JH	1-6
CCVL 480-604240/28	As	78	UJ/J	1-6
CCVL 480-604240/28	Pb	83	UJ/J	1-6
CCVL 480-604240/28	Se	75	UJ/J	1-6
CCVL 480-604240/28	Ag	85	UJ/J	1-6
CCVL 480-604240/28	Al	117	JH	1-6
CCVL 480-604240/28	K	116	JH	1-6
CCVL 480-604240/39	As	83	UJ/J	1-6
CCVL 480-604240/39	Pb	85	UJ/J	1-6
CCVL 480-604240/39	Se	87	UJ/J	1-6
CCVL 480-604240/39	Ag	87	UJ/J	1-6
CCVL 480-604240/39	Al	112	JH	1-6
CCVL 480-604240/39	K	125	JH	1-6
CCVL 480-604240/39	Cu	113	JH	1-5

Job Narrative
480-191852-1

Revision (1)

The report has been revised to include the ICV data for toxaphene and mirex and a copy of the chain of custody including receipt temperature.

Receipt

The samples were received on 11/3/2021 3:56 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.5° C.

GC/MS VOA

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: OW-35 (480-191852-4) and OW-36 (480-191852-5). Elevated reporting limits (RLs) are provided.

Method 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: OW-34 (480-191852-6). Elevated reporting limits (RLs) are provided.

Method 8260C: The following samples were excessively taped. Therefore, they were poured off into un-taped vials and the method requirement for no headspace was not met. The following volatile samples were analyzed with headspace in the sample container: LDP-01 (480-191852-1) and LDP-04 (480-191852-3).

Method 8260C: The continuing calibration verification (CCVIS) associated with batch 480-603730 recovered outside acceptance criteria, low biased, for Cyclohexane and Methylcyclohexane. A reporting limit (RL) standard was analyzed, and the target analytes were detected. Since the associated samples were non-detect for the analytes, the data are reported. The associated sample is: OW-36 (480-191852-5).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA

Method 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: OW-35 (480-191852-4), OW-36 (480-191852-5) and OW-34 (480-191852-6). These results have been reported and qualified.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

Method 3510C: Due to the matrix, the initial volume(s) used for the following sample deviated from the standard procedure: OW-36 (480-191852-5). The reporting limits (RLs) have been adjusted proportionately.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: LDP-01

Lab Sample ID: 480-191852-1

Date Collected: 11/03/21 09:10

Matrix: Water

Date Received: 11/03/21 15:56

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/06/21 06:53	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/06/21 06:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/06/21 06:53	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/06/21 06:53	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/06/21 06:53	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/06/21 06:53	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/06/21 06:53	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/06/21 06:53	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/06/21 06:53	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/06/21 06:53	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/06/21 06:53	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/06/21 06:53	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/06/21 06:53	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/06/21 06:53	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/06/21 06:53	1
2-Hexanone	ND		5.0	1.2	ug/L			11/06/21 06:53	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/06/21 06:53	1
Acetone	ND		10	3.0	ug/L			11/06/21 06:53	1
Benzene	ND		1.0	0.41	ug/L			11/06/21 06:53	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/06/21 06:53	1
Bromoform	ND		1.0	0.26	ug/L			11/06/21 06:53	1
Bromomethane	ND		1.0	0.69	ug/L			11/06/21 06:53	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/06/21 06:53	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/06/21 06:53	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/06/21 06:53	1
Chloroethane	ND		1.0	0.32	ug/L			11/06/21 06:53	1
Chloroform	ND		1.0	0.34	ug/L			11/06/21 06:53	1
Chloromethane	ND		1.0	0.35	ug/L			11/06/21 06:53	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/06/21 06:53	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/06/21 06:53	1
Cyclohexane	ND		1.0	0.18	ug/L			11/06/21 06:53	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/06/21 06:53	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/06/21 06:53	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/06/21 06:53	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/06/21 06:53	1
Methyl acetate	ND		2.5	1.3	ug/L			11/06/21 06:53	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/06/21 06:53	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/06/21 06:53	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/06/21 06:53	1
Styrene	ND		1.0	0.73	ug/L			11/06/21 06:53	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/06/21 06:53	1
Toluene	ND		1.0	0.51	ug/L			11/06/21 06:53	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/06/21 06:53	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/06/21 06:53	1
Trichloroethene	ND		1.0	0.46	ug/L			11/06/21 06:53	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/06/21 06:53	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/06/21 06:53	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/06/21 06:53	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: LDP-01

Date Collected: 11/03/21 09:10

Date Received: 11/03/21 15:56

Lab Sample ID: 480-191852-1

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		11/06/21 06:53	1
4-Bromofluorobenzene (Surr)	100		73 - 120		11/06/21 06:53	1
Toluene-d8 (Surr)	95		80 - 120		11/06/21 06:53	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/04/21 14:59	11/05/21 17:47	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/04/21 14:59	11/05/21 17:47	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/04/21 14:59	11/05/21 17:47	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/04/21 14:59	11/05/21 17:47	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 17:47	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/04/21 14:59	11/05/21 17:47	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 17:47	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 17:47	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 17:47	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/04/21 14:59	11/05/21 17:47	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/04/21 14:59	11/05/21 17:47	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/04/21 14:59	11/05/21 17:47	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 17:47	1
2-Nitroaniline	ND		10	0.42	ug/L		11/04/21 14:59	11/05/21 17:47	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/04/21 14:59	11/05/21 17:47	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 17:47	1
3-Nitroaniline	ND		10	0.48	ug/L		11/04/21 14:59	11/05/21 17:47	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 17:47	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 17:47	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 17:47	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 17:47	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 17:47	1
4-Methylphenol	ND		10	0.36	ug/L		11/04/21 14:59	11/05/21 17:47	1
4-Nitroaniline	ND		10	0.25	ug/L		11/04/21 14:59	11/05/21 17:47	1
4-Nitrophenol	ND		10	1.5	ug/L		11/04/21 14:59	11/05/21 17:47	1
Acenaphthene	ND		5.0	0.41	ug/L		11/04/21 14:59	11/05/21 17:47	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/04/21 14:59	11/05/21 17:47	1
Acetophenone	ND		5.0	0.54	ug/L		11/04/21 14:59	11/05/21 17:47	1
Anthracene	ND		5.0	0.28	ug/L		11/04/21 14:59	11/05/21 17:47	1
Atrazine	ND		5.0	0.46	ug/L		11/04/21 14:59	11/05/21 17:47	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/04/21 14:59	11/05/21 17:47	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 17:47	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 17:47	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/04/21 14:59	11/05/21 17:47	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 17:47	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/04/21 14:59	11/05/21 17:47	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 17:47	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 17:47	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/04/21 14:59	11/05/21 17:47	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/04/21 14:59	11/05/21 17:47	1
Caprolactam	ND		5.0	2.2	ug/L		11/04/21 14:59	11/05/21 17:47	1
Carbazole	ND		5.0	0.30	ug/L		11/04/21 14:59	11/05/21 17:47	1
Chrysene	ND		5.0	0.33	ug/L		11/04/21 14:59	11/05/21 17:47	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/04/21 14:59	11/05/21 17:47	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: LDP-01

Lab Sample ID: 480-191852-1

Date Collected: 11/03/21 09:10

Matrix: Water

Date Received: 11/03/21 15:56

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 17:47	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/04/21 14:59	11/05/21 17:47	1
Dibenzofuran	ND		10	0.51	ug/L		11/04/21 14:59	11/05/21 17:47	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/04/21 14:59	11/05/21 17:47	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 17:47	1
Fluoranthene	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 17:47	1
Fluorene	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 17:47	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 17:47	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/04/21 14:59	11/05/21 17:47	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 17:47	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 17:47	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 17:47	1
Isophorone	ND		5.0	0.43	ug/L		11/04/21 14:59	11/05/21 17:47	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/04/21 14:59	11/05/21 17:47	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 17:47	1
Naphthalene	ND		5.0	0.76	ug/L		11/04/21 14:59	11/05/21 17:47	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/04/21 14:59	11/05/21 17:47	1
Pentachlorophenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 17:47	1
Phenanthrene	ND		5.0	0.44	ug/L		11/04/21 14:59	11/05/21 17:47	1
Phenol	ND		5.0	0.39	ug/L		11/04/21 14:59	11/05/21 17:47	1
Pyrene	ND		5.0	0.34	ug/L		11/04/21 14:59	11/05/21 17:47	1
Benzoic acid	ND		150	100	ug/L		11/04/21 14:59	11/05/21 17:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	97		41 - 120	11/04/21 14:59	11/05/21 17:47	1
2-Fluorobiphenyl	97		48 - 120	11/04/21 14:59	11/05/21 17:47	1
2-Fluorophenol	67		35 - 120	11/04/21 14:59	11/05/21 17:47	1
Nitrobenzene-d5	89		46 - 120	11/04/21 14:59	11/05/21 17:47	1
p-Terphenyl-d14	86		60 - 148	11/04/21 14:59	11/05/21 17:47	1
Phenol-d5	53		22 - 120	11/04/21 14:59	11/05/21 17:47	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/05/21 14:20	11/08/21 12:56	1
4,4'-DDE	ND		0.050	0.012	ug/L		11/05/21 14:20	11/08/21 12:56	1
4,4'-DDT	ND		0.050	0.011	ug/L		11/05/21 14:20	11/08/21 12:56	1
Aldrin	ND		0.050	0.0081	ug/L		11/05/21 14:20	11/08/21 12:56	1
alpha-BHC	ND		0.050	0.0077	ug/L		11/05/21 14:20	11/08/21 12:56	1
cis-Chlordane	ND		0.050	0.015	ug/L		11/05/21 14:20	11/08/21 12:56	1
beta-BHC	ND		0.050	0.025	ug/L		11/05/21 14:20	11/08/21 12:56	1
delta-BHC	ND		0.050	0.010	ug/L		11/05/21 14:20	11/08/21 12:56	1
Dieldrin	ND		0.050	0.0098	ug/L		11/05/21 14:20	11/08/21 12:56	1
Endosulfan I	ND		0.050	0.011	ug/L		11/05/21 14:20	11/08/21 12:56	1
Endosulfan II	0.019	J B	0.050	0.012	ug/L		11/05/21 14:20	11/08/21 12:56	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		11/05/21 14:20	11/08/21 12:56	1
Endrin	ND		0.050	0.014	ug/L		11/05/21 14:20	11/08/21 12:56	1
Endrin aldehyde	ND		0.050	0.016	ug/L		11/05/21 14:20	11/08/21 12:56	1
Endrin ketone	ND		0.050	0.012	ug/L		11/05/21 14:20	11/08/21 12:56	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		11/05/21 14:20	11/08/21 12:56	1
trans-Chlordane	ND		0.050	0.011	ug/L		11/05/21 14:20	11/08/21 12:56	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: LDP-01

Lab Sample ID: 480-191852-1

Date Collected: 11/03/21 09:10

Matrix: Water

Date Received: 11/03/21 15:56

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.050	0.0085	ug/L		11/05/21 14:20	11/08/21 12:56	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		11/05/21 14:20	11/08/21 12:56	1
Methoxychlor	ND		0.050	0.014	ug/L		11/05/21 14:20	11/08/21 12:56	1
Toxaphene	ND		0.50	0.12	ug/L		11/05/21 14:20	11/08/21 12:56	1
Mirex	ND		0.050	0.0096	ug/L		11/05/21 14:20	11/08/21 12:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	56		20 - 120	11/05/21 14:20	11/08/21 12:56	1
DCB Decachlorobiphenyl	64		20 - 120	11/05/21 14:20	11/08/21 12:56	1
Tetrachloro-m-xylene	73		44 - 120	11/05/21 14:20	11/08/21 12:56	1
Tetrachloro-m-xylene	74		44 - 120	11/05/21 14:20	11/08/21 12:56	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 21:19	1
PCB-1221	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 21:19	1
PCB-1232	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 21:19	1
PCB-1242	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 21:19	1
PCB-1248	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 21:19	1
PCB-1254	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 21:19	1
PCB-1260	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 21:19	1
PCB-1262	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 21:19	1
PCB-1268	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 21:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	75		39 - 121	11/08/21 10:26	11/08/21 21:19	1
Tetrachloro-m-xylene	81		39 - 121	11/08/21 10:26	11/08/21 21:19	1
DCB Decachlorobiphenyl	92		19 - 120	11/08/21 10:26	11/08/21 21:19	1
DCB Decachlorobiphenyl	53		19 - 120	11/08/21 10:26	11/08/21 21:19	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.21		0.20	0.060	mg/L		11/08/21 09:00	11/09/21 16:41	1
Antimony	ND		0.020	0.0068	mg/L		11/08/21 09:00	11/09/21 16:41	1
Arsenic	ND		0.015	0.0056	mg/L		11/08/21 09:00	11/09/21 16:41	1
Barium	0.039		0.0020	0.00070	mg/L		11/08/21 09:00	11/09/21 16:41	1
Beryllium	ND		0.0020	0.00030	mg/L		11/08/21 09:00	11/09/21 16:41	1
Cadmium	ND		0.0020	0.00050	mg/L		11/08/21 09:00	11/09/21 16:41	1
Calcium	177		0.50	0.10	mg/L		11/08/21 09:00	11/09/21 16:41	1
Chromium	ND		0.0040	0.0010	mg/L		11/08/21 09:00	11/09/21 16:41	1
Cobalt	ND		0.0040	0.00063	mg/L		11/08/21 09:00	11/09/21 16:41	1
Copper	0.0019	J	0.010	0.0016	mg/L		11/08/21 09:00	11/09/21 16:41	1
Iron	0.16		0.050	0.019	mg/L		11/08/21 09:00	11/09/21 16:41	1
Lead	ND		0.010	0.0030	mg/L		11/08/21 09:00	11/09/21 16:41	1
Magnesium	50.2		0.20	0.043	mg/L		11/08/21 09:00	11/09/21 16:41	1
Manganese	0.013		0.0030	0.00040	mg/L		11/08/21 09:00	11/09/21 16:41	1
Nickel	ND		0.010	0.0013	mg/L		11/08/21 09:00	11/09/21 16:41	1
Potassium	0.29	J B	0.50	0.10	mg/L		11/08/21 09:00	11/09/21 16:41	1
Selenium	ND		0.025	0.0087	mg/L		11/08/21 09:00	11/09/21 16:41	1
Silver	ND		0.0060	0.0017	mg/L		11/08/21 09:00	11/09/21 16:41	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: LDP-01

Date Collected: 11/03/21 09:10

Date Received: 11/03/21 15:56

Lab Sample ID: 480-191852-1

Matrix: Water

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	21.9		1.0	0.32	mg/L		11/08/21 09:00	11/09/21 16:41	1
Thallium	ND		0.020	0.010	mg/L		11/08/21 09:00	11/09/21 16:41	1
Vanadium	ND		0.0050	0.0015	mg/L		11/08/21 09:00	11/09/21 16:41	1
Zinc	ND		0.010	0.0015	mg/L		11/08/21 09:00	11/09/21 16:41	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		11/09/21 13:30	11/09/21 17:46	1

Client Sample ID: LDP-03

Date Collected: 11/03/21 09:50

Date Received: 11/03/21 15:56

Lab Sample ID: 480-191852-2

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/06/21 07:16	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/06/21 07:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/06/21 07:16	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/06/21 07:16	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/06/21 07:16	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/06/21 07:16	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/06/21 07:16	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/06/21 07:16	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/06/21 07:16	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/06/21 07:16	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/06/21 07:16	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/06/21 07:16	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/06/21 07:16	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/06/21 07:16	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/06/21 07:16	1
2-Hexanone	ND		5.0	1.2	ug/L			11/06/21 07:16	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/06/21 07:16	1
Acetone	ND		10	3.0	ug/L			11/06/21 07:16	1
Benzene	ND		1.0	0.41	ug/L			11/06/21 07:16	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/06/21 07:16	1
Bromoform	ND		1.0	0.26	ug/L			11/06/21 07:16	1
Bromomethane	ND		1.0	0.69	ug/L			11/06/21 07:16	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/06/21 07:16	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/06/21 07:16	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/06/21 07:16	1
Chloroethane	ND		1.0	0.32	ug/L			11/06/21 07:16	1
Chloroform	ND		1.0	0.34	ug/L			11/06/21 07:16	1
Chloromethane	ND		1.0	0.35	ug/L			11/06/21 07:16	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/06/21 07:16	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/06/21 07:16	1
Cyclohexane	ND		1.0	0.18	ug/L			11/06/21 07:16	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/06/21 07:16	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/06/21 07:16	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/06/21 07:16	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/06/21 07:16	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: LDP-03

Lab Sample ID: 480-191852-2

Date Collected: 11/03/21 09:50

Matrix: Water

Date Received: 11/03/21 15:56

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl acetate	ND		2.5	1.3	ug/L			11/06/21 07:16	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/06/21 07:16	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/06/21 07:16	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/06/21 07:16	1
Styrene	ND		1.0	0.73	ug/L			11/06/21 07:16	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/06/21 07:16	1
Toluene	ND		1.0	0.51	ug/L			11/06/21 07:16	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/06/21 07:16	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/06/21 07:16	1
Trichloroethene	ND		1.0	0.46	ug/L			11/06/21 07:16	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/06/21 07:16	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/06/21 07:16	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/06/21 07:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		11/06/21 07:16	1
4-Bromofluorobenzene (Surr)	101		73 - 120		11/06/21 07:16	1
Toluene-d8 (Surr)	96		80 - 120		11/06/21 07:16	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/04/21 14:59	11/05/21 18:14	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/04/21 14:59	11/05/21 18:14	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/04/21 14:59	11/05/21 18:14	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/04/21 14:59	11/05/21 18:14	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 18:14	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/04/21 14:59	11/05/21 18:14	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 18:14	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 18:14	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 18:14	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/04/21 14:59	11/05/21 18:14	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/04/21 14:59	11/05/21 18:14	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/04/21 14:59	11/05/21 18:14	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 18:14	1
2-Nitroaniline	ND		10	0.42	ug/L		11/04/21 14:59	11/05/21 18:14	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/04/21 14:59	11/05/21 18:14	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 18:14	1
3-Nitroaniline	ND		10	0.48	ug/L		11/04/21 14:59	11/05/21 18:14	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 18:14	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 18:14	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 18:14	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 18:14	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 18:14	1
4-Methylphenol	ND		10	0.36	ug/L		11/04/21 14:59	11/05/21 18:14	1
4-Nitroaniline	ND		10	0.25	ug/L		11/04/21 14:59	11/05/21 18:14	1
4-Nitrophenol	ND		10	1.5	ug/L		11/04/21 14:59	11/05/21 18:14	1
Acenaphthene	ND		5.0	0.41	ug/L		11/04/21 14:59	11/05/21 18:14	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/04/21 14:59	11/05/21 18:14	1
Acetophenone	ND		5.0	0.54	ug/L		11/04/21 14:59	11/05/21 18:14	1
Anthracene	ND		5.0	0.28	ug/L		11/04/21 14:59	11/05/21 18:14	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: LDP-03

Lab Sample ID: 480-191852-2

Date Collected: 11/03/21 09:50

Matrix: Water

Date Received: 11/03/21 15:56

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	ND		5.0	0.46	ug/L		11/04/21 14:59	11/05/21 18:14	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/04/21 14:59	11/05/21 18:14	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 18:14	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 18:14	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/04/21 14:59	11/05/21 18:14	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 18:14	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/04/21 14:59	11/05/21 18:14	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 18:14	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 18:14	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/04/21 14:59	11/05/21 18:14	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/04/21 14:59	11/05/21 18:14	1
Caprolactam	ND		5.0	2.2	ug/L		11/04/21 14:59	11/05/21 18:14	1
Carbazole	ND		5.0	0.30	ug/L		11/04/21 14:59	11/05/21 18:14	1
Chrysene	ND		5.0	0.33	ug/L		11/04/21 14:59	11/05/21 18:14	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/04/21 14:59	11/05/21 18:14	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 18:14	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/04/21 14:59	11/05/21 18:14	1
Dibenzofuran	ND		10	0.51	ug/L		11/04/21 14:59	11/05/21 18:14	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/04/21 14:59	11/05/21 18:14	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 18:14	1
Fluoranthene	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 18:14	1
Fluorene	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 18:14	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 18:14	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/04/21 14:59	11/05/21 18:14	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 18:14	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 18:14	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 18:14	1
Isophorone	ND		5.0	0.43	ug/L		11/04/21 14:59	11/05/21 18:14	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/04/21 14:59	11/05/21 18:14	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 18:14	1
Naphthalene	ND		5.0	0.76	ug/L		11/04/21 14:59	11/05/21 18:14	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/04/21 14:59	11/05/21 18:14	1
Pentachlorophenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 18:14	1
Phenanthrene	ND		5.0	0.44	ug/L		11/04/21 14:59	11/05/21 18:14	1
Phenol	ND		5.0	0.39	ug/L		11/04/21 14:59	11/05/21 18:14	1
Pyrene	ND		5.0	0.34	ug/L		11/04/21 14:59	11/05/21 18:14	1
Benzoic acid	ND		150	100	ug/L		11/04/21 14:59	11/05/21 18:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	90		41 - 120	11/04/21 14:59	11/05/21 18:14	1
2-Fluorobiphenyl	93		48 - 120	11/04/21 14:59	11/05/21 18:14	1
2-Fluorophenol	61		35 - 120	11/04/21 14:59	11/05/21 18:14	1
Nitrobenzene-d5	79		46 - 120	11/04/21 14:59	11/05/21 18:14	1
p-Terphenyl-d14	92		60 - 148	11/04/21 14:59	11/05/21 18:14	1
Phenol-d5	50		22 - 120	11/04/21 14:59	11/05/21 18:14	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/05/21 14:20	11/08/21 13:16	1
4,4'-DDE	ND		0.050	0.012	ug/L		11/05/21 14:20	11/08/21 13:16	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: LDP-03

Lab Sample ID: 480-191852-2

Date Collected: 11/03/21 09:50

Matrix: Water

Date Received: 11/03/21 15:56

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	ND		0.050	0.011	ug/L		11/05/21 14:20	11/08/21 13:16	1
Aldrin	ND		0.050	0.0081	ug/L		11/05/21 14:20	11/08/21 13:16	1
alpha-BHC	ND		0.050	0.0077	ug/L		11/05/21 14:20	11/08/21 13:16	1
cis-Chlordane	ND		0.050	0.015	ug/L		11/05/21 14:20	11/08/21 13:16	1
beta-BHC	ND		0.050	0.025	ug/L		11/05/21 14:20	11/08/21 13:16	1
delta-BHC	ND		0.050	0.010	ug/L		11/05/21 14:20	11/08/21 13:16	1
Dieldrin	ND		0.050	0.0098	ug/L		11/05/21 14:20	11/08/21 13:16	1
Endosulfan I	ND		0.050	0.011	ug/L		11/05/21 14:20	11/08/21 13:16	1
Endosulfan II	ND		0.050	0.012	ug/L		11/05/21 14:20	11/08/21 13:16	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		11/05/21 14:20	11/08/21 13:16	1
Endrin	ND		0.050	0.014	ug/L		11/05/21 14:20	11/08/21 13:16	1
Endrin aldehyde	ND		0.050	0.016	ug/L		11/05/21 14:20	11/08/21 13:16	1
Endrin ketone	ND		0.050	0.012	ug/L		11/05/21 14:20	11/08/21 13:16	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		11/05/21 14:20	11/08/21 13:16	1
trans-Chlordane	ND		0.050	0.011	ug/L		11/05/21 14:20	11/08/21 13:16	1
Heptachlor	ND		0.050	0.0085	ug/L		11/05/21 14:20	11/08/21 13:16	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		11/05/21 14:20	11/08/21 13:16	1
Methoxychlor	ND		0.050	0.014	ug/L		11/05/21 14:20	11/08/21 13:16	1
Toxaphene	ND		0.50	0.12	ug/L		11/05/21 14:20	11/08/21 13:16	1
Mirex	ND		0.050	0.0096	ug/L		11/05/21 14:20	11/08/21 13:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	62		20 - 120	11/05/21 14:20	11/08/21 13:16	1
DCB Decachlorobiphenyl	57		20 - 120	11/05/21 14:20	11/08/21 13:16	1
Tetrachloro-m-xylene	63		44 - 120	11/05/21 14:20	11/08/21 13:16	1
Tetrachloro-m-xylene	64		44 - 120	11/05/21 14:20	11/08/21 13:16	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 21:32	1
PCB-1221	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 21:32	1
PCB-1232	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 21:32	1
PCB-1242	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 21:32	1
PCB-1248	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 21:32	1
PCB-1254	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 21:32	1
PCB-1260	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 21:32	1
PCB-1262	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 21:32	1
PCB-1268	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 21:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	83		39 - 121	11/08/21 10:26	11/08/21 21:32	1
Tetrachloro-m-xylene	85		39 - 121	11/08/21 10:26	11/08/21 21:32	1
DCB Decachlorobiphenyl	80		19 - 120	11/08/21 10:26	11/08/21 21:32	1
DCB Decachlorobiphenyl	46		19 - 120	11/08/21 10:26	11/08/21 21:32	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.60		0.20	0.060	mg/L		11/08/21 09:00	11/09/21 16:44	1
Antimony	ND		0.020	0.0068	mg/L		11/08/21 09:00	11/09/21 16:44	1
Arsenic	ND		0.015	0.0056	mg/L		11/08/21 09:00	11/09/21 16:44	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: LDP-03

Date Collected: 11/03/21 09:50

Date Received: 11/03/21 15:56

Lab Sample ID: 480-191852-2

Matrix: Water

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.043		0.0020	0.00070	mg/L		11/08/21 09:00	11/09/21 16:44	1
Beryllium	ND		0.0020	0.00030	mg/L		11/08/21 09:00	11/09/21 16:44	1
Cadmium	ND		0.0020	0.00050	mg/L		11/08/21 09:00	11/09/21 16:44	1
Calcium	179		0.50	0.10	mg/L		11/08/21 09:00	11/09/21 16:44	1
Chromium	0.0011	J	0.0040	0.0010	mg/L		11/08/21 09:00	11/09/21 16:44	1
Cobalt	ND		0.0040	0.00063	mg/L		11/08/21 09:00	11/09/21 16:44	1
Copper	0.0018	J	0.010	0.0016	mg/L		11/08/21 09:00	11/09/21 16:44	1
Iron	0.65		0.050	0.019	mg/L		11/08/21 09:00	11/09/21 16:44	1
Lead	ND		0.010	0.0030	mg/L		11/08/21 09:00	11/09/21 16:44	1
Magnesium	49.9		0.20	0.043	mg/L		11/08/21 09:00	11/09/21 16:44	1
Manganese	0.035		0.0030	0.00040	mg/L		11/08/21 09:00	11/09/21 16:44	1
Nickel	ND		0.010	0.0013	mg/L		11/08/21 09:00	11/09/21 16:44	1
Potassium	0.42	J B	0.50	0.10	mg/L		11/08/21 09:00	11/09/21 16:44	1
Selenium	ND		0.025	0.0087	mg/L		11/08/21 09:00	11/09/21 16:44	1
Silver	ND		0.0060	0.0017	mg/L		11/08/21 09:00	11/09/21 16:44	1
Sodium	14.5		1.0	0.32	mg/L		11/08/21 09:00	11/09/21 16:44	1
Thallium	ND		0.020	0.010	mg/L		11/08/21 09:00	11/09/21 16:44	1
Vanadium	ND		0.0050	0.0015	mg/L		11/08/21 09:00	11/09/21 16:44	1
Zinc	0.0070	J	0.010	0.0015	mg/L		11/08/21 09:00	11/09/21 16:44	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		11/09/21 13:30	11/09/21 18:05	1

Client Sample ID: LDP-04

Date Collected: 11/03/21 10:35

Date Received: 11/03/21 15:56

Lab Sample ID: 480-191852-3

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/06/21 07:39	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/06/21 07:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/06/21 07:39	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/06/21 07:39	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/06/21 07:39	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/06/21 07:39	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/06/21 07:39	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/06/21 07:39	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/06/21 07:39	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/06/21 07:39	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/06/21 07:39	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/06/21 07:39	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/06/21 07:39	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/06/21 07:39	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/06/21 07:39	1
2-Hexanone	ND		5.0	1.2	ug/L			11/06/21 07:39	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/06/21 07:39	1
Acetone	ND		10	3.0	ug/L			11/06/21 07:39	1
Benzene	ND		1.0	0.41	ug/L			11/06/21 07:39	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/06/21 07:39	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: LDP-04

Lab Sample ID: 480-191852-3

Date Collected: 11/03/21 10:35

Matrix: Water

Date Received: 11/03/21 15:56

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		1.0	0.26	ug/L			11/06/21 07:39	1
Bromomethane	ND		1.0	0.69	ug/L			11/06/21 07:39	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/06/21 07:39	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/06/21 07:39	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/06/21 07:39	1
Chloroethane	ND		1.0	0.32	ug/L			11/06/21 07:39	1
Chloroform	ND		1.0	0.34	ug/L			11/06/21 07:39	1
Chloromethane	ND		1.0	0.35	ug/L			11/06/21 07:39	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/06/21 07:39	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/06/21 07:39	1
Cyclohexane	ND		1.0	0.18	ug/L			11/06/21 07:39	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/06/21 07:39	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/06/21 07:39	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/06/21 07:39	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/06/21 07:39	1
Methyl acetate	ND		2.5	1.3	ug/L			11/06/21 07:39	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/06/21 07:39	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/06/21 07:39	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/06/21 07:39	1
Styrene	ND		1.0	0.73	ug/L			11/06/21 07:39	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/06/21 07:39	1
Toluene	ND		1.0	0.51	ug/L			11/06/21 07:39	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/06/21 07:39	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/06/21 07:39	1
Trichloroethene	ND		1.0	0.46	ug/L			11/06/21 07:39	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/06/21 07:39	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/06/21 07:39	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/06/21 07:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		11/06/21 07:39	1
4-Bromofluorobenzene (Surr)	101		73 - 120		11/06/21 07:39	1
Toluene-d8 (Surr)	98		80 - 120		11/06/21 07:39	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/04/21 14:59	11/05/21 18:41	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/04/21 14:59	11/05/21 18:41	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/04/21 14:59	11/05/21 18:41	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/04/21 14:59	11/05/21 18:41	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 18:41	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/04/21 14:59	11/05/21 18:41	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 18:41	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 18:41	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 18:41	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/04/21 14:59	11/05/21 18:41	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/04/21 14:59	11/05/21 18:41	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/04/21 14:59	11/05/21 18:41	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 18:41	1
2-Nitroaniline	ND		10	0.42	ug/L		11/04/21 14:59	11/05/21 18:41	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: LDP-04

Lab Sample ID: 480-191852-3

Date Collected: 11/03/21 10:35

Matrix: Water

Date Received: 11/03/21 15:56

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	ND		5.0	0.48	ug/L		11/04/21 14:59	11/05/21 18:41	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 18:41	1
3-Nitroaniline	ND		10	0.48	ug/L		11/04/21 14:59	11/05/21 18:41	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 18:41	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 18:41	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 18:41	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 18:41	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 18:41	1
4-Methylphenol	ND		10	0.36	ug/L		11/04/21 14:59	11/05/21 18:41	1
4-Nitroaniline	ND		10	0.25	ug/L		11/04/21 14:59	11/05/21 18:41	1
4-Nitrophenol	ND		10	1.5	ug/L		11/04/21 14:59	11/05/21 18:41	1
Acenaphthene	ND		5.0	0.41	ug/L		11/04/21 14:59	11/05/21 18:41	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/04/21 14:59	11/05/21 18:41	1
Acetophenone	ND		5.0	0.54	ug/L		11/04/21 14:59	11/05/21 18:41	1
Anthracene	ND		5.0	0.28	ug/L		11/04/21 14:59	11/05/21 18:41	1
Atrazine	ND		5.0	0.46	ug/L		11/04/21 14:59	11/05/21 18:41	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/04/21 14:59	11/05/21 18:41	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 18:41	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 18:41	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/04/21 14:59	11/05/21 18:41	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 18:41	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/04/21 14:59	11/05/21 18:41	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 18:41	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 18:41	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/04/21 14:59	11/05/21 18:41	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/04/21 14:59	11/05/21 18:41	1
Caprolactam	ND		5.0	2.2	ug/L		11/04/21 14:59	11/05/21 18:41	1
Carbazole	ND		5.0	0.30	ug/L		11/04/21 14:59	11/05/21 18:41	1
Chrysene	ND		5.0	0.33	ug/L		11/04/21 14:59	11/05/21 18:41	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/04/21 14:59	11/05/21 18:41	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 18:41	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/04/21 14:59	11/05/21 18:41	1
Dibenzofuran	ND		10	0.51	ug/L		11/04/21 14:59	11/05/21 18:41	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/04/21 14:59	11/05/21 18:41	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 18:41	1
Fluoranthene	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 18:41	1
Fluorene	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 18:41	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 18:41	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/04/21 14:59	11/05/21 18:41	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 18:41	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 18:41	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 18:41	1
Isophorone	ND		5.0	0.43	ug/L		11/04/21 14:59	11/05/21 18:41	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/04/21 14:59	11/05/21 18:41	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 18:41	1
Naphthalene	ND		5.0	0.76	ug/L		11/04/21 14:59	11/05/21 18:41	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/04/21 14:59	11/05/21 18:41	1
Pentachlorophenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 18:41	1
Phenanthrene	ND		5.0	0.44	ug/L		11/04/21 14:59	11/05/21 18:41	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: LDP-04

Lab Sample ID: 480-191852-3

Date Collected: 11/03/21 10:35

Matrix: Water

Date Received: 11/03/21 15:56

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		5.0	0.39	ug/L		11/04/21 14:59	11/05/21 18:41	1
Pyrene	ND		5.0	0.34	ug/L		11/04/21 14:59	11/05/21 18:41	1
Benzoic acid	ND		150	100	ug/L		11/04/21 14:59	11/05/21 18:41	1

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	100		41 - 120				11/04/21 14:59	11/05/21 18:41	1
2-Fluorobiphenyl	102		48 - 120				11/04/21 14:59	11/05/21 18:41	1
2-Fluorophenol	70		35 - 120				11/04/21 14:59	11/05/21 18:41	1
Nitrobenzene-d5	90		46 - 120				11/04/21 14:59	11/05/21 18:41	1
p-Terphenyl-d14	87		60 - 148				11/04/21 14:59	11/05/21 18:41	1
Phenol-d5	54		22 - 120				11/04/21 14:59	11/05/21 18:41	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/05/21 14:20	11/08/21 13:35	1
4,4'-DDE	ND		0.050	0.012	ug/L		11/05/21 14:20	11/08/21 13:35	1
4,4'-DDT	ND		0.050	0.011	ug/L		11/05/21 14:20	11/08/21 13:35	1
Aldrin	ND		0.050	0.0081	ug/L		11/05/21 14:20	11/08/21 13:35	1
alpha-BHC	ND		0.050	0.0077	ug/L		11/05/21 14:20	11/08/21 13:35	1
cis-Chlordane	ND		0.050	0.015	ug/L		11/05/21 14:20	11/08/21 13:35	1
beta-BHC	ND		0.050	0.025	ug/L		11/05/21 14:20	11/08/21 13:35	1
delta-BHC	ND		0.050	0.010	ug/L		11/05/21 14:20	11/08/21 13:35	1
Dieldrin	ND		0.050	0.0098	ug/L		11/05/21 14:20	11/08/21 13:35	1
Endosulfan I	ND		0.050	0.011	ug/L		11/05/21 14:20	11/08/21 13:35	1
Endosulfan II	ND		0.050	0.012	ug/L		11/05/21 14:20	11/08/21 13:35	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		11/05/21 14:20	11/08/21 13:35	1
Endrin	ND		0.050	0.014	ug/L		11/05/21 14:20	11/08/21 13:35	1
Endrin aldehyde	ND		0.050	0.016	ug/L		11/05/21 14:20	11/08/21 13:35	1
Endrin ketone	ND		0.050	0.012	ug/L		11/05/21 14:20	11/08/21 13:35	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		11/05/21 14:20	11/08/21 13:35	1
trans-Chlordane	ND		0.050	0.011	ug/L		11/05/21 14:20	11/08/21 13:35	1
Heptachlor	ND		0.050	0.0085	ug/L		11/05/21 14:20	11/08/21 13:35	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		11/05/21 14:20	11/08/21 13:35	1
Methoxychlor	ND		0.050	0.014	ug/L		11/05/21 14:20	11/08/21 13:35	1
Toxaphene	ND		0.50	0.12	ug/L		11/05/21 14:20	11/08/21 13:35	1
Mirex	ND		0.050	0.0096	ug/L		11/05/21 14:20	11/08/21 13:35	1

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	63		20 - 120				11/05/21 14:20	11/08/21 13:35	1
DCB Decachlorobiphenyl	60		20 - 120				11/05/21 14:20	11/08/21 13:35	1
Tetrachloro-m-xylene	80		44 - 120				11/05/21 14:20	11/08/21 13:35	1
Tetrachloro-m-xylene	80		44 - 120				11/05/21 14:20	11/08/21 13:35	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 21:45	1
PCB-1221	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 21:45	1
PCB-1232	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 21:45	1
PCB-1242	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 21:45	1
PCB-1248	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 21:45	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: LDP-04

Lab Sample ID: 480-191852-3

Date Collected: 11/03/21 10:35

Matrix: Water

Date Received: 11/03/21 15:56

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1254	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 21:45	1
PCB-1260	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 21:45	1
PCB-1262	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 21:45	1
PCB-1268	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 21:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	69		39 - 121				11/08/21 10:26	11/08/21 21:45	1
Tetrachloro-m-xylene	69		39 - 121				11/08/21 10:26	11/08/21 21:45	1
DCB Decachlorobiphenyl	99		19 - 120				11/08/21 10:26	11/08/21 21:45	1
DCB Decachlorobiphenyl	61		19 - 120				11/08/21 10:26	11/08/21 21:45	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1.4		0.20	0.060	mg/L		11/08/21 09:00	11/09/21 16:48	1
Antimony	ND		0.020	0.0068	mg/L		11/08/21 09:00	11/09/21 16:48	1
Arsenic	ND		0.015	0.0056	mg/L		11/08/21 09:00	11/09/21 16:48	1
Barium	0.086		0.0020	0.00070	mg/L		11/08/21 09:00	11/09/21 16:48	1
Beryllium	ND		0.0020	0.00030	mg/L		11/08/21 09:00	11/09/21 16:48	1
Cadmium	0.00062	J	0.0020	0.00050	mg/L		11/08/21 09:00	11/09/21 16:48	1
Calcium	143		0.50	0.10	mg/L		11/08/21 09:00	11/09/21 16:48	1
Chromium	0.0022	J	0.0040	0.0010	mg/L		11/08/21 09:00	11/09/21 16:48	1
Cobalt	0.0010	J	0.0040	0.00063	mg/L		11/08/21 09:00	11/09/21 16:48	1
Copper	0.0051	J	0.010	0.0016	mg/L		11/08/21 09:00	11/09/21 16:48	1
Iron	2.3		0.050	0.019	mg/L		11/08/21 09:00	11/09/21 16:48	1
Lead	0.0030	J	0.010	0.0030	mg/L		11/08/21 09:00	11/09/21 16:48	1
Magnesium	78.2		0.20	0.043	mg/L		11/08/21 09:00	11/09/21 16:48	1
Manganese	0.17		0.0030	0.00040	mg/L		11/08/21 09:00	11/09/21 16:48	1
Nickel	0.0029	J	0.010	0.0013	mg/L		11/08/21 09:00	11/09/21 16:48	1
Potassium	10.3	B	0.50	0.10	mg/L		11/08/21 09:00	11/09/21 16:48	1
Selenium	ND		0.025	0.0087	mg/L		11/08/21 09:00	11/09/21 16:48	1
Silver	ND		0.0060	0.0017	mg/L		11/08/21 09:00	11/09/21 16:48	1
Sodium	88.2		1.0	0.32	mg/L		11/08/21 09:00	11/09/21 16:48	1
Thallium	ND		0.020	0.010	mg/L		11/08/21 09:00	11/09/21 16:48	1
Vanadium	0.0018	J	0.0050	0.0015	mg/L		11/08/21 09:00	11/09/21 16:48	1
Zinc	0.028		0.010	0.0015	mg/L		11/08/21 09:00	11/09/21 16:48	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000050	J	0.00020	0.000043	mg/L		11/09/21 13:30	11/09/21 18:06	1

Client Sample ID: OW-35

Lab Sample ID: 480-191852-4

Date Collected: 11/03/21 13:20

Matrix: Water

Date Received: 11/03/21 15:56

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			11/06/21 08:02	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			11/06/21 08:02	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			11/06/21 08:02	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			11/06/21 08:02	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			11/06/21 08:02	2

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: OW-35

Date Collected: 11/03/21 13:20

Date Received: 11/03/21 15:56

Lab Sample ID: 480-191852-4

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		2.0	0.58	ug/L			11/06/21 08:02	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			11/06/21 08:02	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			11/06/21 08:02	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			11/06/21 08:02	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			11/06/21 08:02	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			11/06/21 08:02	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			11/06/21 08:02	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			11/06/21 08:02	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			11/06/21 08:02	2
2-Butanone (MEK)	ND		20	2.6	ug/L			11/06/21 08:02	2
2-Hexanone	ND		10	2.5	ug/L			11/06/21 08:02	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			11/06/21 08:02	2
Acetone	ND		20	6.0	ug/L			11/06/21 08:02	2
Benzene	2.4		2.0	0.82	ug/L			11/06/21 08:02	2
Bromodichloromethane	ND		2.0	0.78	ug/L			11/06/21 08:02	2
Bromoform	ND		2.0	0.52	ug/L			11/06/21 08:02	2
Bromomethane	ND		2.0	1.4	ug/L			11/06/21 08:02	2
Carbon disulfide	ND		2.0	0.38	ug/L			11/06/21 08:02	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			11/06/21 08:02	2
Chlorobenzene	63		2.0	1.5	ug/L			11/06/21 08:02	2
Chloroethane	ND		2.0	0.64	ug/L			11/06/21 08:02	2
Chloroform	ND		2.0	0.68	ug/L			11/06/21 08:02	2
Chloromethane	ND		2.0	0.70	ug/L			11/06/21 08:02	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			11/06/21 08:02	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			11/06/21 08:02	2
Cyclohexane	ND		2.0	0.36	ug/L			11/06/21 08:02	2
Dibromochloromethane	ND		2.0	0.64	ug/L			11/06/21 08:02	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			11/06/21 08:02	2
Ethylbenzene	ND		2.0	1.5	ug/L			11/06/21 08:02	2
Isopropylbenzene	ND		2.0	1.6	ug/L			11/06/21 08:02	2
Methyl acetate	ND		5.0	2.6	ug/L			11/06/21 08:02	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			11/06/21 08:02	2
Methylcyclohexane	ND		2.0	0.32	ug/L			11/06/21 08:02	2
Methylene Chloride	ND		2.0	0.88	ug/L			11/06/21 08:02	2
Styrene	ND		2.0	1.5	ug/L			11/06/21 08:02	2
Tetrachloroethene	ND		2.0	0.72	ug/L			11/06/21 08:02	2
Toluene	ND		2.0	1.0	ug/L			11/06/21 08:02	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			11/06/21 08:02	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			11/06/21 08:02	2
Trichloroethene	ND		2.0	0.92	ug/L			11/06/21 08:02	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			11/06/21 08:02	2
Vinyl chloride	ND		2.0	1.8	ug/L			11/06/21 08:02	2
Xylenes, Total	ND		4.0	1.3	ug/L			11/06/21 08:02	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		11/06/21 08:02	2
4-Bromofluorobenzene (Surr)	100		73 - 120		11/06/21 08:02	2
Toluene-d8 (Surr)	93		80 - 120		11/06/21 08:02	2

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: OW-35

Lab Sample ID: 480-191852-4

Date Collected: 11/03/21 13:20

Matrix: Water

Date Received: 11/03/21 15:56

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/04/21 14:59	11/05/21 19:07	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/04/21 14:59	11/05/21 19:07	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/04/21 14:59	11/05/21 19:07	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/04/21 14:59	11/05/21 19:07	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 19:07	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/04/21 14:59	11/05/21 19:07	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 19:07	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 19:07	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 19:07	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/04/21 14:59	11/05/21 19:07	1
2-Chlorophenol	0.61	J	5.0	0.53	ug/L		11/04/21 14:59	11/05/21 19:07	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/04/21 14:59	11/05/21 19:07	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 19:07	1
2-Nitroaniline	ND		10	0.42	ug/L		11/04/21 14:59	11/05/21 19:07	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/04/21 14:59	11/05/21 19:07	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 19:07	1
3-Nitroaniline	ND		10	0.48	ug/L		11/04/21 14:59	11/05/21 19:07	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 19:07	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 19:07	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 19:07	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 19:07	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 19:07	1
4-Methylphenol	ND		10	0.36	ug/L		11/04/21 14:59	11/05/21 19:07	1
4-Nitroaniline	ND		10	0.25	ug/L		11/04/21 14:59	11/05/21 19:07	1
4-Nitrophenol	ND		10	1.5	ug/L		11/04/21 14:59	11/05/21 19:07	1
Acenaphthene	ND		5.0	0.41	ug/L		11/04/21 14:59	11/05/21 19:07	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/04/21 14:59	11/05/21 19:07	1
Acetophenone	ND		5.0	0.54	ug/L		11/04/21 14:59	11/05/21 19:07	1
Anthracene	ND		5.0	0.28	ug/L		11/04/21 14:59	11/05/21 19:07	1
Atrazine	ND		5.0	0.46	ug/L		11/04/21 14:59	11/05/21 19:07	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/04/21 14:59	11/05/21 19:07	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 19:07	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 19:07	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/04/21 14:59	11/05/21 19:07	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 19:07	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/04/21 14:59	11/05/21 19:07	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 19:07	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 19:07	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/04/21 14:59	11/05/21 19:07	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/04/21 14:59	11/05/21 19:07	1
Caprolactam	ND		5.0	2.2	ug/L		11/04/21 14:59	11/05/21 19:07	1
Carbazole	ND		5.0	0.30	ug/L		11/04/21 14:59	11/05/21 19:07	1
Chrysene	ND		5.0	0.33	ug/L		11/04/21 14:59	11/05/21 19:07	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/04/21 14:59	11/05/21 19:07	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 19:07	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/04/21 14:59	11/05/21 19:07	1
Dibenzofuran	ND		10	0.51	ug/L		11/04/21 14:59	11/05/21 19:07	1
Diethyl phthalate	0.30	J	5.0	0.22	ug/L		11/04/21 14:59	11/05/21 19:07	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 19:07	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: OW-35

Lab Sample ID: 480-191852-4

Date Collected: 11/03/21 13:20

Matrix: Water

Date Received: 11/03/21 15:56

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 19:07	1
Fluorene	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 19:07	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 19:07	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/04/21 14:59	11/05/21 19:07	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 19:07	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 19:07	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 19:07	1
Isophorone	ND		5.0	0.43	ug/L		11/04/21 14:59	11/05/21 19:07	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/04/21 14:59	11/05/21 19:07	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 19:07	1
Naphthalene	ND		5.0	0.76	ug/L		11/04/21 14:59	11/05/21 19:07	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/04/21 14:59	11/05/21 19:07	1
Pentachlorophenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 19:07	1
Phenanthrene	ND		5.0	0.44	ug/L		11/04/21 14:59	11/05/21 19:07	1
Phenol	ND		5.0	0.39	ug/L		11/04/21 14:59	11/05/21 19:07	1
Pyrene	ND		5.0	0.34	ug/L		11/04/21 14:59	11/05/21 19:07	1
Benzoic acid	ND		150	100	ug/L		11/04/21 14:59	11/05/21 19:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	130	S1+	41 - 120	11/04/21 14:59	11/05/21 19:07	1
2-Fluorobiphenyl	102		48 - 120	11/04/21 14:59	11/05/21 19:07	1
2-Fluorophenol	70		35 - 120	11/04/21 14:59	11/05/21 19:07	1
Nitrobenzene-d5	90		46 - 120	11/04/21 14:59	11/05/21 19:07	1
p-Terphenyl-d14	92		60 - 148	11/04/21 14:59	11/05/21 19:07	1
Phenol-d5	55		22 - 120	11/04/21 14:59	11/05/21 19:07	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/05/21 14:20	11/08/21 13:55	1
4,4'-DDE	ND		0.050	0.012	ug/L		11/05/21 14:20	11/08/21 13:55	1
4,4'-DDT	ND		0.050	0.011	ug/L		11/05/21 14:20	11/08/21 13:55	1
Aldrin	ND		0.050	0.0081	ug/L		11/05/21 14:20	11/08/21 13:55	1
alpha-BHC	ND		0.050	0.0077	ug/L		11/05/21 14:20	11/08/21 13:55	1
cis-Chlordane	ND		0.050	0.015	ug/L		11/05/21 14:20	11/08/21 13:55	1
beta-BHC	ND		0.050	0.025	ug/L		11/05/21 14:20	11/08/21 13:55	1
delta-BHC	ND		0.050	0.010	ug/L		11/05/21 14:20	11/08/21 13:55	1
Dieldrin	ND		0.050	0.0098	ug/L		11/05/21 14:20	11/08/21 13:55	1
Endosulfan I	ND		0.050	0.011	ug/L		11/05/21 14:20	11/08/21 13:55	1
Endosulfan II	ND		0.050	0.012	ug/L		11/05/21 14:20	11/08/21 13:55	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		11/05/21 14:20	11/08/21 13:55	1
Endrin	ND		0.050	0.014	ug/L		11/05/21 14:20	11/08/21 13:55	1
Endrin aldehyde	ND		0.050	0.016	ug/L		11/05/21 14:20	11/08/21 13:55	1
Endrin ketone	ND		0.050	0.012	ug/L		11/05/21 14:20	11/08/21 13:55	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		11/05/21 14:20	11/08/21 13:55	1
trans-Chlordane	ND		0.050	0.011	ug/L		11/05/21 14:20	11/08/21 13:55	1
Heptachlor	ND		0.050	0.0085	ug/L		11/05/21 14:20	11/08/21 13:55	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		11/05/21 14:20	11/08/21 13:55	1
Methoxychlor	ND		0.050	0.014	ug/L		11/05/21 14:20	11/08/21 13:55	1
Toxaphene	ND		0.50	0.12	ug/L		11/05/21 14:20	11/08/21 13:55	1
Mirex	ND		0.050	0.0096	ug/L		11/05/21 14:20	11/08/21 13:55	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: OW-35

Date Collected: 11/03/21 13:20

Date Received: 11/03/21 15:56

Lab Sample ID: 480-191852-4

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	79		20 - 120	11/05/21 14:20	11/08/21 13:55	1
DCB Decachlorobiphenyl	53		20 - 120	11/05/21 14:20	11/08/21 13:55	1
Tetrachloro-m-xylene	85		44 - 120	11/05/21 14:20	11/08/21 13:55	1
Tetrachloro-m-xylene	78		44 - 120	11/05/21 14:20	11/08/21 13:55	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 21:58	1
PCB-1221	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 21:58	1
PCB-1232	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 21:58	1
PCB-1242	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 21:58	1
PCB-1248	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 21:58	1
PCB-1254	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 21:58	1
PCB-1260	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 21:58	1
PCB-1262	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 21:58	1
PCB-1268	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 21:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	71		39 - 121	11/08/21 10:26	11/08/21 21:58	1
Tetrachloro-m-xylene	72		39 - 121	11/08/21 10:26	11/08/21 21:58	1
DCB Decachlorobiphenyl	105		19 - 120	11/08/21 10:26	11/08/21 21:58	1
DCB Decachlorobiphenyl	64		19 - 120	11/08/21 10:26	11/08/21 21:58	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.43		0.20	0.060	mg/L		11/08/21 09:00	11/09/21 16:52	1
Antimony	ND		0.020	0.0068	mg/L		11/08/21 09:00	11/09/21 16:52	1
Arsenic	0.040		0.015	0.0056	mg/L		11/08/21 09:00	11/09/21 16:52	1
Barium	1.1		0.0020	0.00070	mg/L		11/08/21 09:00	11/09/21 16:52	1
Beryllium	ND		0.0020	0.00030	mg/L		11/08/21 09:00	11/09/21 16:52	1
Cadmium	0.00055	J	0.0020	0.00050	mg/L		11/08/21 09:00	11/09/21 16:52	1
Calcium	129		0.50	0.10	mg/L		11/08/21 09:00	11/09/21 16:52	1
Chromium	0.0020	J	0.0040	0.0010	mg/L		11/08/21 09:00	11/09/21 16:52	1
Cobalt	0.0026	J	0.0040	0.00063	mg/L		11/08/21 09:00	11/09/21 16:52	1
Copper	0.0041	J	0.010	0.0016	mg/L		11/08/21 09:00	11/09/21 16:52	1
Iron	17.3		0.050	0.019	mg/L		11/08/21 09:00	11/09/21 16:52	1
Lead	0.0075	J	0.010	0.0030	mg/L		11/08/21 09:00	11/09/21 16:52	1
Magnesium	86.8		0.20	0.043	mg/L		11/08/21 09:00	11/09/21 16:52	1
Manganese	0.089		0.0030	0.00040	mg/L		11/08/21 09:00	11/09/21 16:52	1
Nickel	0.0070	J	0.010	0.0013	mg/L		11/08/21 09:00	11/09/21 16:52	1
Potassium	30.6	B	0.50	0.10	mg/L		11/08/21 09:00	11/09/21 16:52	1
Selenium	ND		0.025	0.0087	mg/L		11/08/21 09:00	11/09/21 16:52	1
Silver	ND		0.0060	0.0017	mg/L		11/08/21 09:00	11/09/21 16:52	1
Sodium	81.5		1.0	0.32	mg/L		11/08/21 09:00	11/09/21 16:52	1
Thallium	ND		0.020	0.010	mg/L		11/08/21 09:00	11/09/21 16:52	1
Vanadium	0.0035	J	0.0050	0.0015	mg/L		11/08/21 09:00	11/09/21 16:52	1
Zinc	0.011		0.010	0.0015	mg/L		11/08/21 09:00	11/09/21 16:52	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000083	J	0.00020	0.000043	mg/L		11/09/21 13:30	11/09/21 18:08	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: OW-36

Lab Sample ID: 480-191852-5

Date Collected: 11/03/21 14:00

Matrix: Water

Date Received: 11/03/21 15:56

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			11/06/21 12:51	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			11/06/21 12:51	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			11/06/21 12:51	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			11/06/21 12:51	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			11/06/21 12:51	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			11/06/21 12:51	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			11/06/21 12:51	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			11/06/21 12:51	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			11/06/21 12:51	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			11/06/21 12:51	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			11/06/21 12:51	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			11/06/21 12:51	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			11/06/21 12:51	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			11/06/21 12:51	4
2-Butanone (MEK)	ND		40	5.3	ug/L			11/06/21 12:51	4
2-Hexanone	ND		20	5.0	ug/L			11/06/21 12:51	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			11/06/21 12:51	4
Acetone	ND		40	12	ug/L			11/06/21 12:51	4
Benzene	2.7	J	4.0	1.6	ug/L			11/06/21 12:51	4
Bromodichloromethane	ND		4.0	1.6	ug/L			11/06/21 12:51	4
Bromoform	ND		4.0	1.0	ug/L			11/06/21 12:51	4
Bromomethane	ND		4.0	2.8	ug/L			11/06/21 12:51	4
Carbon disulfide	ND		4.0	0.76	ug/L			11/06/21 12:51	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			11/06/21 12:51	4
Chlorobenzene	9.4		4.0	3.0	ug/L			11/06/21 12:51	4
Chloroethane	ND		4.0	1.3	ug/L			11/06/21 12:51	4
Chloroform	ND		4.0	1.4	ug/L			11/06/21 12:51	4
Chloromethane	ND		4.0	1.4	ug/L			11/06/21 12:51	4
cis-1,2-Dichloroethene	ND		4.0	3.2	ug/L			11/06/21 12:51	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			11/06/21 12:51	4
Cyclohexane	ND		4.0	0.72	ug/L			11/06/21 12:51	4
Dibromochloromethane	ND		4.0	1.3	ug/L			11/06/21 12:51	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			11/06/21 12:51	4
Ethylbenzene	3.7	J	4.0	3.0	ug/L			11/06/21 12:51	4
Isopropylbenzene	5.7		4.0	3.2	ug/L			11/06/21 12:51	4
Methyl acetate	ND		10	5.2	ug/L			11/06/21 12:51	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			11/06/21 12:51	4
Methylcyclohexane	ND		4.0	0.64	ug/L			11/06/21 12:51	4
Methylene Chloride	ND		4.0	1.8	ug/L			11/06/21 12:51	4
Styrene	ND		4.0	2.9	ug/L			11/06/21 12:51	4
Tetrachloroethene	ND		4.0	1.4	ug/L			11/06/21 12:51	4
Toluene	ND		4.0	2.0	ug/L			11/06/21 12:51	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			11/06/21 12:51	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			11/06/21 12:51	4
Trichloroethene	ND		4.0	1.8	ug/L			11/06/21 12:51	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			11/06/21 12:51	4
Vinyl chloride	ND		4.0	3.6	ug/L			11/06/21 12:51	4
Xylenes, Total	130		8.0	2.6	ug/L			11/06/21 12:51	4

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: OW-36

Date Collected: 11/03/21 14:00

Date Received: 11/03/21 15:56

Lab Sample ID: 480-191852-5

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		77 - 120		11/06/21 12:51	4
4-Bromofluorobenzene (Surr)	102		73 - 120		11/06/21 12:51	4
Toluene-d8 (Surr)	98		80 - 120		11/06/21 12:51	4

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	8.2		5.0	0.65	ug/L		11/04/21 14:59	11/05/21 19:34	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/04/21 14:59	11/05/21 19:34	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/04/21 14:59	11/05/21 19:34	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/04/21 14:59	11/05/21 19:34	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 19:34	1
2,4-Dimethylphenol	1.9 J		5.0	0.50	ug/L		11/04/21 14:59	11/05/21 19:34	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 19:34	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 19:34	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 19:34	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/04/21 14:59	11/05/21 19:34	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/04/21 14:59	11/05/21 19:34	1
2-Methylnaphthalene	1.8 J		5.0	0.60	ug/L		11/04/21 14:59	11/05/21 19:34	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 19:34	1
2-Nitroaniline	ND		10	0.42	ug/L		11/04/21 14:59	11/05/21 19:34	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/04/21 14:59	11/05/21 19:34	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 19:34	1
3-Nitroaniline	ND		10	0.48	ug/L		11/04/21 14:59	11/05/21 19:34	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 19:34	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 19:34	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 19:34	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 19:34	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 19:34	1
4-Methylphenol	ND		10	0.36	ug/L		11/04/21 14:59	11/05/21 19:34	1
4-Nitroaniline	ND		10	0.25	ug/L		11/04/21 14:59	11/05/21 19:34	1
4-Nitrophenol	ND		10	1.5	ug/L		11/04/21 14:59	11/05/21 19:34	1
Acenaphthene	ND		5.0	0.41	ug/L		11/04/21 14:59	11/05/21 19:34	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/04/21 14:59	11/05/21 19:34	1
Acetophenone	ND		5.0	0.54	ug/L		11/04/21 14:59	11/05/21 19:34	1
Anthracene	ND		5.0	0.28	ug/L		11/04/21 14:59	11/05/21 19:34	1
Atrazine	ND		5.0	0.46	ug/L		11/04/21 14:59	11/05/21 19:34	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/04/21 14:59	11/05/21 19:34	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 19:34	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 19:34	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/04/21 14:59	11/05/21 19:34	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 19:34	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/04/21 14:59	11/05/21 19:34	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 19:34	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 19:34	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/04/21 14:59	11/05/21 19:34	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/04/21 14:59	11/05/21 19:34	1
Caprolactam	ND		5.0	2.2	ug/L		11/04/21 14:59	11/05/21 19:34	1
Carbazole	ND		5.0	0.30	ug/L		11/04/21 14:59	11/05/21 19:34	1
Chrysene	ND		5.0	0.33	ug/L		11/04/21 14:59	11/05/21 19:34	1
Di-n-butyl phthalate	0.45 J		5.0	0.31	ug/L		11/04/21 14:59	11/05/21 19:34	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: OW-36

Lab Sample ID: 480-191852-5

Date Collected: 11/03/21 14:00

Matrix: Water

Date Received: 11/03/21 15:56

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 19:34	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/04/21 14:59	11/05/21 19:34	1
Dibenzofuran	ND		10	0.51	ug/L		11/04/21 14:59	11/05/21 19:34	1
Diethyl phthalate	0.60	J	5.0	0.22	ug/L		11/04/21 14:59	11/05/21 19:34	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 19:34	1
Fluoranthene	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 19:34	1
Fluorene	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 19:34	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 19:34	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/04/21 14:59	11/05/21 19:34	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 19:34	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 19:34	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 19:34	1
Isophorone	ND		5.0	0.43	ug/L		11/04/21 14:59	11/05/21 19:34	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/04/21 14:59	11/05/21 19:34	1
N-Nitrosodiphenylamine	1.1	J	5.0	0.51	ug/L		11/04/21 14:59	11/05/21 19:34	1
Naphthalene	7.7		5.0	0.76	ug/L		11/04/21 14:59	11/05/21 19:34	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/04/21 14:59	11/05/21 19:34	1
Pentachlorophenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 19:34	1
Phenanthrene	ND		5.0	0.44	ug/L		11/04/21 14:59	11/05/21 19:34	1
Phenol	2.7	J	5.0	0.39	ug/L		11/04/21 14:59	11/05/21 19:34	1
Pyrene	ND		5.0	0.34	ug/L		11/04/21 14:59	11/05/21 19:34	1
Benzoic acid	ND		150	100	ug/L		11/04/21 14:59	11/05/21 19:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	122	S1+	41 - 120	11/04/21 14:59	11/05/21 19:34	1
2-Fluorobiphenyl	96		48 - 120	11/04/21 14:59	11/05/21 19:34	1
2-Fluorophenol	68		35 - 120	11/04/21 14:59	11/05/21 19:34	1
Nitrobenzene-d5	84		46 - 120	11/04/21 14:59	11/05/21 19:34	1
p-Terphenyl-d14	79		60 - 148	11/04/21 14:59	11/05/21 19:34	1
Phenol-d5	53		22 - 120	11/04/21 14:59	11/05/21 19:34	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.25	0.046	ug/L		11/05/21 14:20	11/08/21 14:15	1
4,4'-DDE	ND		0.25	0.058	ug/L		11/05/21 14:20	11/08/21 14:15	1
4,4'-DDT	ND		0.25	0.055	ug/L		11/05/21 14:20	11/08/21 14:15	1
Aldrin	ND		0.25	0.041	ug/L		11/05/21 14:20	11/08/21 14:15	1
alpha-BHC	ND		0.25	0.039	ug/L		11/05/21 14:20	11/08/21 14:15	1
cis-Chlordane	ND		0.25	0.074	ug/L		11/05/21 14:20	11/08/21 14:15	1
beta-BHC	ND		0.25	0.12	ug/L		11/05/21 14:20	11/08/21 14:15	1
delta-BHC	ND		0.25	0.050	ug/L		11/05/21 14:20	11/08/21 14:15	1
Dieldrin	ND		0.25	0.049	ug/L		11/05/21 14:20	11/08/21 14:15	1
Endosulfan I	ND		0.25	0.055	ug/L		11/05/21 14:20	11/08/21 14:15	1
Endosulfan II	0.071	J B	0.25	0.060	ug/L		11/05/21 14:20	11/08/21 14:15	1
Endosulfan sulfate	ND		0.25	0.079	ug/L		11/05/21 14:20	11/08/21 14:15	1
Endrin	ND		0.25	0.069	ug/L		11/05/21 14:20	11/08/21 14:15	1
Endrin aldehyde	ND		0.25	0.082	ug/L		11/05/21 14:20	11/08/21 14:15	1
Endrin ketone	ND		0.25	0.060	ug/L		11/05/21 14:20	11/08/21 14:15	1
gamma-BHC (Lindane)	ND		0.25	0.040	ug/L		11/05/21 14:20	11/08/21 14:15	1
trans-Chlordane	ND		0.25	0.055	ug/L		11/05/21 14:20	11/08/21 14:15	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: OW-36

Lab Sample ID: 480-191852-5

Date Collected: 11/03/21 14:00

Matrix: Water

Date Received: 11/03/21 15:56

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.25	0.043	ug/L		11/05/21 14:20	11/08/21 14:15	1
Heptachlor epoxide	ND		0.25	0.037	ug/L		11/05/21 14:20	11/08/21 14:15	1
Methoxychlor	ND		0.25	0.071	ug/L		11/05/21 14:20	11/08/21 14:15	1
Toxaphene	ND		2.5	0.60	ug/L		11/05/21 14:20	11/08/21 14:15	1
Mirex	ND		0.25	0.048	ug/L		11/05/21 14:20	11/08/21 14:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	45		20 - 120	11/05/21 14:20	11/08/21 14:15	1
DCB Decachlorobiphenyl	48		20 - 120	11/05/21 14:20	11/08/21 14:15	1
Tetrachloro-m-xylene	89		44 - 120	11/05/21 14:20	11/08/21 14:15	1
Tetrachloro-m-xylene	75		44 - 120	11/05/21 14:20	11/08/21 14:15	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.32	J	0.50	0.18	ug/L		11/08/21 10:26	11/08/21 22:10	1
PCB-1221	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 22:10	1
PCB-1232	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 22:10	1
PCB-1242	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 22:10	1
PCB-1248	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 22:10	1
PCB-1254	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 22:10	1
PCB-1260	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 22:10	1
PCB-1262	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 22:10	1
PCB-1268	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 22:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	70		39 - 121	11/08/21 10:26	11/08/21 22:10	1
Tetrachloro-m-xylene	76		39 - 121	11/08/21 10:26	11/08/21 22:10	1
DCB Decachlorobiphenyl	88		19 - 120	11/08/21 10:26	11/08/21 22:10	1
DCB Decachlorobiphenyl	55		19 - 120	11/08/21 10:26	11/08/21 22:10	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.39		0.20	0.060	mg/L		11/08/21 09:00	11/09/21 16:56	1
Antimony	0.027		0.020	0.0068	mg/L		11/08/21 09:00	11/09/21 16:56	1
Arsenic	ND		0.015	0.0056	mg/L		11/08/21 09:00	11/09/21 16:56	1
Barium	0.48		0.0020	0.00070	mg/L		11/08/21 09:00	11/09/21 16:56	1
Beryllium	ND		0.0020	0.00030	mg/L		11/08/21 09:00	11/09/21 16:56	1
Cadmium	ND		0.0020	0.00050	mg/L		11/08/21 09:00	11/09/21 16:56	1
Calcium	145		0.50	0.10	mg/L		11/08/21 09:00	11/09/21 16:56	1
Chromium	0.0036	J	0.0040	0.0010	mg/L		11/08/21 09:00	11/09/21 16:56	1
Cobalt	0.00091	J	0.0040	0.00063	mg/L		11/08/21 09:00	11/09/21 16:56	1
Copper	0.0026	J	0.010	0.0016	mg/L		11/08/21 09:00	11/09/21 16:56	1
Iron	39.9		0.050	0.019	mg/L		11/08/21 09:00	11/09/21 16:56	1
Lead	0.0079	J	0.010	0.0030	mg/L		11/08/21 09:00	11/09/21 16:56	1
Magnesium	26.8		0.20	0.043	mg/L		11/08/21 09:00	11/09/21 16:56	1
Manganese	0.34		0.0030	0.00040	mg/L		11/08/21 09:00	11/09/21 16:56	1
Nickel	0.0014	J	0.010	0.0013	mg/L		11/08/21 09:00	11/09/21 16:56	1
Potassium	14.9	B	0.50	0.10	mg/L		11/08/21 09:00	11/09/21 16:56	1
Selenium	ND		0.025	0.0087	mg/L		11/08/21 09:00	11/09/21 16:56	1
Silver	ND		0.0060	0.0017	mg/L		11/08/21 09:00	11/09/21 16:56	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: OW-36

Date Collected: 11/03/21 14:00

Date Received: 11/03/21 15:56

Lab Sample ID: 480-191852-5

Matrix: Water

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	6.9		1.0	0.32	mg/L		11/08/21 09:00	11/09/21 16:56	1
Thallium	ND		0.020	0.010	mg/L		11/08/21 09:00	11/09/21 16:56	1
Vanadium	ND		0.0050	0.0015	mg/L		11/08/21 09:00	11/09/21 16:56	1
Zinc	0.012		0.010	0.0015	mg/L		11/08/21 09:00	11/09/21 16:56	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000083	J	0.00020	0.000043	mg/L		11/09/21 13:30	11/09/21 18:09	1

Client Sample ID: OW-34

Date Collected: 11/03/21 15:05

Date Received: 11/03/21 15:56

Lab Sample ID: 480-191852-6

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			11/06/21 08:49	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			11/06/21 08:49	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			11/06/21 08:49	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			11/06/21 08:49	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			11/06/21 08:49	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			11/06/21 08:49	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			11/06/21 08:49	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			11/06/21 08:49	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			11/06/21 08:49	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			11/06/21 08:49	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			11/06/21 08:49	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			11/06/21 08:49	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			11/06/21 08:49	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			11/06/21 08:49	2
2-Butanone (MEK)	ND		20	2.6	ug/L			11/06/21 08:49	2
2-Hexanone	ND		10	2.5	ug/L			11/06/21 08:49	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			11/06/21 08:49	2
Acetone	ND		20	6.0	ug/L			11/06/21 08:49	2
Benzene	ND		2.0	0.82	ug/L			11/06/21 08:49	2
Bromodichloromethane	ND		2.0	0.78	ug/L			11/06/21 08:49	2
Bromoform	ND		2.0	0.52	ug/L			11/06/21 08:49	2
Bromomethane	ND		2.0	1.4	ug/L			11/06/21 08:49	2
Carbon disulfide	ND		2.0	0.38	ug/L			11/06/21 08:49	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			11/06/21 08:49	2
Chlorobenzene	ND		2.0	1.5	ug/L			11/06/21 08:49	2
Chloroethane	ND		2.0	0.64	ug/L			11/06/21 08:49	2
Chloroform	ND		2.0	0.68	ug/L			11/06/21 08:49	2
Chloromethane	ND		2.0	0.70	ug/L			11/06/21 08:49	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			11/06/21 08:49	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			11/06/21 08:49	2
Cyclohexane	ND		2.0	0.36	ug/L			11/06/21 08:49	2
Dibromochloromethane	ND		2.0	0.64	ug/L			11/06/21 08:49	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			11/06/21 08:49	2
Ethylbenzene	ND		2.0	1.5	ug/L			11/06/21 08:49	2
Isopropylbenzene	ND		2.0	1.6	ug/L			11/06/21 08:49	2

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: OW-34

Lab Sample ID: 480-191852-6

Date Collected: 11/03/21 15:05

Matrix: Water

Date Received: 11/03/21 15:56

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl acetate	ND		5.0	2.6	ug/L			11/06/21 08:49	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			11/06/21 08:49	2
Methylcyclohexane	ND		2.0	0.32	ug/L			11/06/21 08:49	2
Methylene Chloride	ND		2.0	0.88	ug/L			11/06/21 08:49	2
Styrene	ND		2.0	1.5	ug/L			11/06/21 08:49	2
Tetrachloroethene	ND		2.0	0.72	ug/L			11/06/21 08:49	2
Toluene	ND		2.0	1.0	ug/L			11/06/21 08:49	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			11/06/21 08:49	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			11/06/21 08:49	2
Trichloroethene	ND		2.0	0.92	ug/L			11/06/21 08:49	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			11/06/21 08:49	2
Vinyl chloride	ND		2.0	1.8	ug/L			11/06/21 08:49	2
Xylenes, Total	ND		4.0	1.3	ug/L			11/06/21 08:49	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		11/06/21 08:49	2
4-Bromofluorobenzene (Surr)	99		73 - 120		11/06/21 08:49	2
Toluene-d8 (Surr)	96		80 - 120		11/06/21 08:49	2

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/04/21 14:59	11/05/21 20:01	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/04/21 14:59	11/05/21 20:01	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/04/21 14:59	11/05/21 20:01	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/04/21 14:59	11/05/21 20:01	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 20:01	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/04/21 14:59	11/05/21 20:01	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 20:01	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 20:01	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 20:01	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/04/21 14:59	11/05/21 20:01	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/04/21 14:59	11/05/21 20:01	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/04/21 14:59	11/05/21 20:01	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 20:01	1
2-Nitroaniline	ND		10	0.42	ug/L		11/04/21 14:59	11/05/21 20:01	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/04/21 14:59	11/05/21 20:01	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 20:01	1
3-Nitroaniline	ND		10	0.48	ug/L		11/04/21 14:59	11/05/21 20:01	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 20:01	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 20:01	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/04/21 14:59	11/05/21 20:01	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 20:01	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 20:01	1
4-Methylphenol	ND		10	0.36	ug/L		11/04/21 14:59	11/05/21 20:01	1
4-Nitroaniline	ND		10	0.25	ug/L		11/04/21 14:59	11/05/21 20:01	1
4-Nitrophenol	ND		10	1.5	ug/L		11/04/21 14:59	11/05/21 20:01	1
Acenaphthene	ND		5.0	0.41	ug/L		11/04/21 14:59	11/05/21 20:01	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/04/21 14:59	11/05/21 20:01	1
Acetophenone	ND		5.0	0.54	ug/L		11/04/21 14:59	11/05/21 20:01	1
Anthracene	ND		5.0	0.28	ug/L		11/04/21 14:59	11/05/21 20:01	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: OW-34

Lab Sample ID: 480-191852-6

Date Collected: 11/03/21 15:05

Matrix: Water

Date Received: 11/03/21 15:56

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	ND		5.0	0.46	ug/L		11/04/21 14:59	11/05/21 20:01	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/04/21 14:59	11/05/21 20:01	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 20:01	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 20:01	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/04/21 14:59	11/05/21 20:01	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 20:01	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/04/21 14:59	11/05/21 20:01	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/04/21 14:59	11/05/21 20:01	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 20:01	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/04/21 14:59	11/05/21 20:01	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/04/21 14:59	11/05/21 20:01	1
Caprolactam	ND		5.0	2.2	ug/L		11/04/21 14:59	11/05/21 20:01	1
Carbazole	ND		5.0	0.30	ug/L		11/04/21 14:59	11/05/21 20:01	1
Chrysene	ND		5.0	0.33	ug/L		11/04/21 14:59	11/05/21 20:01	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/04/21 14:59	11/05/21 20:01	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 20:01	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/04/21 14:59	11/05/21 20:01	1
Dibenzofuran	ND		10	0.51	ug/L		11/04/21 14:59	11/05/21 20:01	1
Diethyl phthalate	0.32	J	5.0	0.22	ug/L		11/04/21 14:59	11/05/21 20:01	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 20:01	1
Fluoranthene	ND		5.0	0.40	ug/L		11/04/21 14:59	11/05/21 20:01	1
Fluorene	ND		5.0	0.36	ug/L		11/04/21 14:59	11/05/21 20:01	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 20:01	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/04/21 14:59	11/05/21 20:01	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 20:01	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/04/21 14:59	11/05/21 20:01	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/04/21 14:59	11/05/21 20:01	1
Isophorone	ND		5.0	0.43	ug/L		11/04/21 14:59	11/05/21 20:01	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/04/21 14:59	11/05/21 20:01	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/04/21 14:59	11/05/21 20:01	1
Naphthalene	ND		5.0	0.76	ug/L		11/04/21 14:59	11/05/21 20:01	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/04/21 14:59	11/05/21 20:01	1
Pentachlorophenol	ND		10	2.2	ug/L		11/04/21 14:59	11/05/21 20:01	1
Phenanthrene	ND		5.0	0.44	ug/L		11/04/21 14:59	11/05/21 20:01	1
Phenol	ND		5.0	0.39	ug/L		11/04/21 14:59	11/05/21 20:01	1
Pyrene	ND		5.0	0.34	ug/L		11/04/21 14:59	11/05/21 20:01	1
Benzoic acid	ND		150	100	ug/L		11/04/21 14:59	11/05/21 20:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	121	S1+	41 - 120	11/04/21 14:59	11/05/21 20:01	1
2-Fluorobiphenyl	95		48 - 120	11/04/21 14:59	11/05/21 20:01	1
2-Fluorophenol	67		35 - 120	11/04/21 14:59	11/05/21 20:01	1
Nitrobenzene-d5	83		46 - 120	11/04/21 14:59	11/05/21 20:01	1
p-Terphenyl-d14	93		60 - 148	11/04/21 14:59	11/05/21 20:01	1
Phenol-d5	51		22 - 120	11/04/21 14:59	11/05/21 20:01	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/05/21 14:20	11/08/21 14:34	1
4,4'-DDE	ND		0.050	0.012	ug/L		11/05/21 14:20	11/08/21 14:34	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: OW-34

Lab Sample ID: 480-191852-6

Date Collected: 11/03/21 15:05

Matrix: Water

Date Received: 11/03/21 15:56

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	ND		0.050	0.011	ug/L		11/05/21 14:20	11/08/21 14:34	1
Aldrin	ND		0.050	0.0081	ug/L		11/05/21 14:20	11/08/21 14:34	1
alpha-BHC	ND		0.050	0.0077	ug/L		11/05/21 14:20	11/08/21 14:34	1
cis-Chlordane	ND		0.050	0.015	ug/L		11/05/21 14:20	11/08/21 14:34	1
beta-BHC	ND		0.050	0.025	ug/L		11/05/21 14:20	11/08/21 14:34	1
delta-BHC	ND		0.050	0.010	ug/L		11/05/21 14:20	11/08/21 14:34	1
Dieldrin	ND		0.050	0.0098	ug/L		11/05/21 14:20	11/08/21 14:34	1
Endosulfan I	ND		0.050	0.011	ug/L		11/05/21 14:20	11/08/21 14:34	1
Endosulfan II	ND		0.050	0.012	ug/L		11/05/21 14:20	11/08/21 14:34	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		11/05/21 14:20	11/08/21 14:34	1
Endrin	ND		0.050	0.014	ug/L		11/05/21 14:20	11/08/21 14:34	1
Endrin aldehyde	ND		0.050	0.016	ug/L		11/05/21 14:20	11/08/21 14:34	1
Endrin ketone	ND		0.050	0.012	ug/L		11/05/21 14:20	11/08/21 14:34	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		11/05/21 14:20	11/08/21 14:34	1
trans-Chlordane	ND		0.050	0.011	ug/L		11/05/21 14:20	11/08/21 14:34	1
Heptachlor	ND		0.050	0.0085	ug/L		11/05/21 14:20	11/08/21 14:34	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		11/05/21 14:20	11/08/21 14:34	1
Methoxychlor	ND		0.050	0.014	ug/L		11/05/21 14:20	11/08/21 14:34	1
Toxaphene	ND		0.50	0.12	ug/L		11/05/21 14:20	11/08/21 14:34	1
Mirex	ND		0.050	0.0096	ug/L		11/05/21 14:20	11/08/21 14:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	66		20 - 120	11/05/21 14:20	11/08/21 14:34	1
DCB Decachlorobiphenyl	62		20 - 120	11/05/21 14:20	11/08/21 14:34	1
Tetrachloro-m-xylene	76		44 - 120	11/05/21 14:20	11/08/21 14:34	1
Tetrachloro-m-xylene	80		44 - 120	11/05/21 14:20	11/08/21 14:34	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 22:23	1
PCB-1221	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 22:23	1
PCB-1232	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 22:23	1
PCB-1242	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 22:23	1
PCB-1248	ND		0.50	0.18	ug/L		11/08/21 10:26	11/08/21 22:23	1
PCB-1254	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 22:23	1
PCB-1260	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 22:23	1
PCB-1262	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 22:23	1
PCB-1268	ND		0.50	0.25	ug/L		11/08/21 10:26	11/08/21 22:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	78		39 - 121	11/08/21 10:26	11/08/21 22:23	1
Tetrachloro-m-xylene	78		39 - 121	11/08/21 10:26	11/08/21 22:23	1
DCB Decachlorobiphenyl	142	S1+	19 - 120	11/08/21 10:26	11/08/21 22:23	1
DCB Decachlorobiphenyl	92		19 - 120	11/08/21 10:26	11/08/21 22:23	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/08/21 09:00	11/09/21 16:59	1
Antimony	ND		0.020	0.0068	mg/L		11/08/21 09:00	11/09/21 16:59	1
Arsenic	0.022		0.015	0.0056	mg/L		11/08/21 09:00	11/09/21 16:59	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191852-1

Client Sample ID: OW-34

Lab Sample ID: 480-191852-6

Date Collected: 11/03/21 15:05

Matrix: Water

Date Received: 11/03/21 15:56

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.34		0.0020	0.00070	mg/L		11/08/21 09:00	11/09/21 16:59	1
Beryllium	ND		0.0020	0.00030	mg/L		11/08/21 09:00	11/09/21 16:59	1
Cadmium	ND		0.0020	0.00050	mg/L		11/08/21 09:00	11/09/21 16:59	1
Calcium	273		0.50	0.10	mg/L		11/08/21 09:00	11/09/21 16:59	1
Chromium	0.0011	J	0.0040	0.0010	mg/L		11/08/21 09:00	11/09/21 16:59	1
Cobalt	0.00086	J	0.0040	0.00063	mg/L		11/08/21 09:00	11/09/21 16:59	1
Copper	ND		0.010	0.0016	mg/L		11/08/21 09:00	11/09/21 16:59	1
Iron	14.1		0.050	0.019	mg/L		11/08/21 09:00	11/09/21 16:59	1
Lead	0.0031	J	0.010	0.0030	mg/L		11/08/21 09:00	11/09/21 16:59	1
Magnesium	76.5		0.20	0.043	mg/L		11/08/21 09:00	11/09/21 16:59	1
Manganese	0.28		0.0030	0.00040	mg/L		11/08/21 09:00	11/09/21 16:59	1
Nickel	0.0019	J	0.010	0.0013	mg/L		11/08/21 09:00	11/09/21 16:59	1
Potassium	14.3	B	0.50	0.10	mg/L		11/08/21 09:00	11/09/21 16:59	1
Selenium	ND		0.025	0.0087	mg/L		11/08/21 09:00	11/09/21 16:59	1
Silver	ND		0.0060	0.0017	mg/L		11/08/21 09:00	11/09/21 16:59	1
Sodium	63.7		1.0	0.32	mg/L		11/08/21 09:00	11/09/21 16:59	1
Thallium	ND		0.020	0.010	mg/L		11/08/21 09:00	11/09/21 16:59	1
Vanadium	ND		0.0050	0.0015	mg/L		11/08/21 09:00	11/09/21 16:59	1
Zinc	0.0045	J	0.010	0.0015	mg/L		11/08/21 09:00	11/09/21 16:59	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000067	J	0.00020	0.000043	mg/L		11/09/21 13:30	11/09/21 18:10	1

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191852-1
 SDG No.: _____
 Lab Sample ID: CCVIS 480-603730/3 Calibration Date: 11/06/2021 10:43
 Instrument ID: HP5973N Calib Start Date: 10/20/2021 22:14
 GC Column: ZB-624 (20) ID: 0.18 (mm) Calib End Date: 10/21/2021 00:56
 Lab File ID: N8705.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	1.408	1.008	0.1000	17.9	25.0	-28.4	50.0
Chloromethane	Ave	2.312	1.903	0.1000	20.6	25.0	-17.7	20.0
Vinyl chloride	Ave	2.077	1.954	0.1000	23.5	25.0	-5.9	20.0
Butadiene	Ave	1.760	1.767		25.1	25.0	0.4	20.0
Bromomethane	Ave	0.9443	0.9458	0.1000	25.0	25.0	0.2	50.0
Chloroethane	Ave	1.073	1.150	0.1000	26.8	25.0	7.1	50.0
Dichlorofluoromethane	Ave	2.291	2.141		23.4	25.0	-6.6	20.0
Trichlorofluoromethane	Ave	1.796	1.537	0.1000	21.4	25.0	-14.4	20.0
Ethyl ether	Ave	1.870	1.827		24.4	25.0	-2.3	20.0
Acrolein	Ave	0.1042	0.1024		123	125	-1.8	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.025	0.8307	0.1000	20.3	25.0	-18.9	20.0
1,1-Dichloroethene	Ave	1.183	0.9483	0.1000	20.0	25.0	-19.8	20.0
Acetone	Ave	0.6754	0.7469	0.1000	138	125	10.6	50.0
Iodomethane	Ave	1.877	1.892		25.2	25.0	0.8	20.0
Carbon disulfide	Ave	3.629	2.974	0.1000	20.5	25.0	-18.1	20.0
Allyl chloride	Ave	3.049	2.448		20.1	25.0	-19.7	20.0
Methyl acetate	Ave	1.740	1.743	0.1000	50.1	50.0	0.2	50.0
Methylene Chloride	Lin1		1.460	0.1000	28.7	25.0	14.9	20.0
2-Methyl-2-propanol	Ave	0.2834	0.2855		252	250	0.7	50.0
Methyl tert-butyl ether	Ave	4.051	3.727	0.1000	23.0	25.0	-8.0	20.0
trans-1,2-Dichloroethene	Ave	1.365	1.352	0.1000	24.8	25.0	-1.0	20.0
Acrylonitrile	Ave	0.9843	1.055		268	250	7.2	20.0
Hexane	Ave	3.430	3.070		22.4	25.0	-10.5	20.0
1,1-Dichloroethane	Ave	3.301	3.332	0.2000	25.2	25.0	0.9	20.0
Vinyl acetate	Ave	4.885	4.513		46.2	50.0	-7.6	20.0
2,2-Dichloropropane	Ave	1.083	1.455		33.6	25.0	34.4*	20.0
cis-1,2-Dichloroethene	Ave	1.537	1.637	0.1000	26.6	25.0	6.5	20.0
2-Butanone (MEK)	Ave	1.106	1.167	0.1000	132	125	5.5	20.0
Chlorobromomethane	Ave	0.7821	0.9023		28.8	25.0	15.4	20.0
Tetrahydrofuran	Ave	0.7651	0.7270		47.5	50.0	-5.0	20.0
Chloroform	Ave	2.426	2.589	0.2000	26.7	25.0	6.7	20.0
1,1,1-Trichloroethane	Ave	1.988	1.838	0.1000	23.1	25.0	-7.5	20.0
Cyclohexane	Ave	3.523	2.574	0.1000	18.3	25.0	-26.9*	20.0
Carbon tetrachloride	Ave	1.778	1.723	0.1000	24.2	25.0	-3.1	20.0
1,1-Dichloropropene	Ave	1.937	1.904		24.6	25.0	-1.7	20.0
Benzene	Ave	5.755	5.773	0.5000	25.1	25.0	0.3	20.0
Isobutyl alcohol	Ave	0.1106	0.1091		617	625	-1.3	50.0
1,2-Dichloroethane	Ave	2.669	2.742	0.1000	25.7	25.0	2.7	20.0
n-Heptane	Ave	3.521	2.700		19.2	25.0	-23.3*	20.0
Trichloroethene	Ave	1.489	1.540	0.2000	25.9	25.0	3.5	20.0

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191852-1
 SDG No.: _____
 Matrix: Water Level: Low
 GC Column (1): RXI-5Sil MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPHd14 #
LDP-01	480-191852-1	67	53	89	97	97	86
LDP-03	480-191852-2	61	50	79	93	90	92
LDP-04	480-191852-3	70	54	90	102	100	87
OW-35	480-191852-4	70	55	90	102	130 S1+	92
OW-36	480-191852-5	68	53	84	96	122 S1+	79
OW-34	480-191852-6	67	51	83	95	121 S1+	93
	MB 480-603480/1-A	77	60	92	100	100	111
	LCS 480-603480/2-A	74	58	100	102	117	100

	<u>QC LIMITS</u>
2FP = 2-Fluorophenol	35-120
PHL = Phenol-d5	22-120
NBZ = Nitrobenzene-d5	46-120
FBP = 2-Fluorobiphenyl	48-120
TBP = 2,4,6-Tribromophenol	41-120
TPHd14 = p-Terphenyl-d14	60-148

Column to be used to flag recovery values

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191852-1
 SDG No.: _____
 Client Sample ID: OW-36 Lab Sample ID: 480-191852-5
 Instrument ID (1): HP6890-25 Instrument ID (2): HP6890-25
 Date Analyzed (1): 11/08/2021 14:15 Date Analyzed (2): 11/08/2021 14:15
 GC Column (1): RTX-CLPI ID: 0.53 (mm) GC Column (2): RTX-CLPII ID: 0.53 (mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Endosulfan II	1		5.64	5.63	5.69	0.071		38.1
	2		6.63	6.58	6.64	0.10		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191852-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 480-603655/1-A
 Instrument ID (1): HP6890-25 Instrument ID (2): HP6890-25
 Date Analyzed (1): 11/08/2021 09:20 Date Analyzed (2): 11/08/2021 09:20
 GC Column (1): RTX-CLPI ID: 0.53 (mm) GC Column (2): RTX-CLPII ID: 0.53 (mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
trans-Chlordane	1		4.65	4.65	4.71	0.0125		4.0
	2		5.55	5.53	5.59	0.0120		
Endosulfan II	1		5.64	5.63	5.69	0.0190		30.7
	2		6.63	6.58	6.64	0.0139		

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Buffalo</u>	Job No.: <u>480-191852-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>MB 480-603655/1-A</u>
Matrix: <u>Water</u>	Lab File ID: <u>25_52-135.D</u>
Analysis Method: <u>8081B</u>	Date Collected: _____
Extraction Method: <u>3510C</u>	Date Extracted: <u>11/05/2021 14:20</u>
Sample wt/vol: <u>250 (mL)</u>	Date Analyzed: <u>11/08/2021 09:20</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1 (uL)</u>	GC Column: <u>RTX-CLPI</u> ID: <u>0.53 (mm)</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>603799</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	ND		0.050	0.0092
72-55-9	4,4'-DDE	ND		0.050	0.012
50-29-3	4,4'-DDT	ND		0.050	0.011
309-00-2	Aldrin	ND		0.050	0.0081
319-84-6	alpha-BHC	ND		0.050	0.0077
5103-71-9	cis-Chlordane	ND		0.050	0.015
319-85-7	beta-BHC	ND		0.050	0.025
319-86-8	delta-BHC	ND		0.050	0.010
60-57-1	Dieldrin	ND		0.050	0.0098
959-98-8	Endosulfan I	ND		0.050	0.011
33213-65-9	Endosulfan II	0.0190	J	0.050	0.012
1031-07-8	Endosulfan sulfate	ND		0.050	0.016
72-20-8	Endrin	ND		0.050	0.014
7421-93-4	Endrin aldehyde	ND		0.050	0.016
53494-70-5	Endrin ketone	ND		0.050	0.012
58-89-9	gamma-BHC (Lindane)	ND		0.050	0.0080
5103-74-2	trans-Chlordane	0.0125	J	0.050	0.011
76-44-8	Heptachlor	ND		0.050	0.0085
1024-57-3	Heptachlor epoxide	ND		0.050	0.0074
72-43-5	Methoxychlor	ND		0.050	0.014
8001-35-2	Toxaphene	ND		0.50	0.12
2385-85-5	Mirex	ND		0.050	0.0096

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	50		20-120
877-09-8	Tetrachloro-m-xylene	76		44-120

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191852-1
 SDG No.: _____
 Lab Sample ID: ICV 480-581327/30 Calibration Date: 05/17/2021 23:07
 Instrument ID: HP6890-6 Calib Start Date: 05/17/2021 22:29
 GC Column: ZB-5 ID: 0.53 (mm) Calib End Date: 05/17/2021 22:54
 Lab File ID: 6_087-212.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Lin2		0.0171		0.512	0.500	2.3	20.0
PCB-1242 Peak 2	Lin2		0.0209		0.517	0.500	3.5	20.0
PCB-1242 Peak 3	Lin2		0.0448		0.482	0.500	-3.7	20.0
PCB-1242 Peak 4	Lin2		0.0275		0.492	0.500	-1.7	20.0
PCB-1242 Peak 5	Lin2		0.0205		0.513	0.500	2.6	20.0
PCB-1268 Peak 1	Lin2		0.1398		0.510	0.500	1.9	20.0
PCB-1268 Peak 2	Lin2		0.1257		0.505	0.500	1.0	20.0
PCB-1268 Peak 3	Lin2		0.1196		0.554	0.500	10.8	20.0
PCB-1268 Peak 4	Lin2		0.0350		0.368	0.500	-26.4*	20.0
PCB-1268 Peak 5	Lin2		0.3141		0.456	0.500	-8.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191852-1
 SDG No.: _____
 Lab Sample ID: ICV 480-581327/30 Calibration Date: 05/17/2021 23:07
 Instrument ID: HP6890-6 Calib Start Date: 05/17/2021 22:29
 GC Column: ZB-35 ID: 0.53 (mm) Calib End Date: 05/17/2021 22:54
 Lab File ID: 6_087-212.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Lin2		0.0163		0.508	0.500	1.5	20.0
PCB-1242 Peak 2	Lin2		0.0362		0.505	0.500	1.1	20.0
PCB-1242 Peak 3	Lin2		0.0425		0.488	0.500	-2.5	20.0
PCB-1242 Peak 4	Lin2		0.0280		0.502	0.500	0.3	20.0
PCB-1242 Peak 5	Lin2		0.0264		0.508	0.500	1.7	20.0
PCB-1268 Peak 1	Lin2		0.1350		0.523	0.500	4.6	20.0
PCB-1268 Peak 2	Lin2		0.1243		0.529	0.500	5.7	20.0
PCB-1268 Peak 3	Lin2		0.1154		0.567	0.500	13.4	20.0
PCB-1268 Peak 4	Lin2		0.0342		0.371	0.500	-25.9*	20.0
PCB-1268 Peak 5	Lin2		0.3085		0.462	0.500	-7.7	20.0

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191852-1
 SDG No.: _____
 Lab Sample ID: CCVIS 480-603911/5 Calibration Date: 11/08/2021 14:36
 Instrument ID: HP6890-6 Calib Start Date: 05/17/2021 18:14
 GC Column: ZB-5 ID: 0.53 (mm) Calib End Date: 05/17/2021 19:30
 Lab File ID: 6_099-179.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Lin2		0.0212		0.495	0.504	-1.7	20.0
PCB-1016 Peak 2	Lin2		0.0271		0.505	0.504	0.2	20.0
PCB-1016 Peak 3	Lin2		0.0597		0.484	0.504	-3.8	20.0
PCB-1016 Peak 4	Lin2		0.0390		0.534	0.504	6.1	20.0
PCB-1016 Peak 5	Lin2		0.0238		0.529	0.504	5.2	20.0
PCB-1260 Peak 1	Lin2		0.0547		0.551	0.504	9.3	20.0
PCB-1260 Peak 2	Lin2		0.0656		0.599	0.504	18.9	20.0
PCB-1260 Peak 3	Lin2		0.0753		0.532	0.504	5.6	20.0
PCB-1260 Peak 4	Lin2		0.0508		0.575	0.504	14.2	20.0
PCB-1260 Peak 5	Lin2		0.1268		0.594	0.504	17.9	20.0
Tetrachloro-m-xylene	Lin2		1.215		0.0118	0.0125	-5.7	20.0
DCB Decachlorobiphenyl	Lin1		1.438		0.0195	0.0125	56.3*	20.0

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191852-1
 SDG No.: _____
 Lab Sample ID: CCV 480-603911/8 Calibration Date: 11/08/2021 15:15
 Instrument ID: HP6890-6 Calib Start Date: 05/17/2021 22:29
 GC Column: ZB-35 ID: 0.53 (mm) Calib End Date: 05/17/2021 22:54
 Lab File ID: 6_099-182.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Lin2		0.0179		0.558	0.500	11.5	20.0
PCB-1242 Peak 2	Lin2		0.0385		0.538	0.500	7.6	20.0
PCB-1242 Peak 3	Lin2		0.0458		0.527	0.500	5.3	20.0
PCB-1242 Peak 4	Lin2		0.0313		0.561	0.500	12.3	20.0
PCB-1242 Peak 5	Lin2		0.0299		0.577	0.500	15.4	20.0
PCB-1268 Peak 1	Lin2		0.1818		0.707	0.500	41.4*	20.0
PCB-1268 Peak 2	Lin2		0.1640		0.700	0.500	40.0*	20.0
PCB-1268 Peak 3	Lin2		0.1442		0.710	0.500	42.1*	20.0
PCB-1268 Peak 4	Lin2		0.0621		0.682	0.500	36.3*	20.0
PCB-1268 Peak 5	Lin2		0.4174		0.626	0.500	25.3*	20.0

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191852-1
 SDG No.: _____
 Lab Sample ID: CCV 480-603911/31 Calibration Date: 11/08/2021 20:16
 Instrument ID: HP6890-6 Calib Start Date: 05/17/2021 18:14
 GC Column: ZB-5 ID: 0.53 (mm) Calib End Date: 05/17/2021 19:30
 Lab File ID: 6_099-205.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Lin2		0.0229		0.535	0.504	6.3	20.0
PCB-1016 Peak 2	Lin2		0.0297		0.554	0.504	10.0	20.0
PCB-1016 Peak 3	Lin2		0.0612		0.497	0.504	-1.3	20.0
PCB-1016 Peak 4	Lin2		0.0412		0.565	0.504	12.2	20.0
PCB-1016 Peak 5	Lin2		0.0238		0.528	0.504	4.9	20.0
PCB-1260 Peak 1	Lin2		0.0628		0.634	0.504	25.8*	20.0
PCB-1260 Peak 2	Lin2		0.0689		0.630	0.504	25.0*	20.0
PCB-1260 Peak 3	Lin2		0.0883		0.626	0.504	24.2*	20.0
PCB-1260 Peak 4	Lin2		0.0565		0.642	0.504	27.4*	20.0
PCB-1260 Peak 5	Lin2		0.1399		0.657	0.504	30.3*	20.0
Tetrachloro-m-xylene	Lin2		1.327		0.0129	0.0125	3.1	20.0
DCB Decachlorobiphenyl	Lin1		1.784		0.0245	0.0125	95.6*	20.0

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191852-1

SDG No.: _____

ICV Source: MEI_10_CCVL_00404 Concentration Units: mg/L

CCV Source: MEI_10_CCVL_00404

Analyte	ICVL 480-604081/7 11/08/2021 14:03				CCVL 480-604081/19 11/08/2021 20:44				CCVL 480-604081/28 11/08/2021 21:30			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	0.203		0.200	102	0.200		0.200	100	0.199	J	0.200	100
Antimony	0.0214		0.0200	107	0.0199	J	0.0200	99	0.0215		0.0200	108
Arsenic	0.0150		0.0150	100	0.0156		0.0150	104	0.0164		0.0150	109
Barium	0.00216		0.00200	108	0.00217		0.00200	109	0.00217		0.00200	109
Beryllium	0.00214		0.00200	107	0.00209		0.00200	105	0.00217		0.00200	109
Cadmium	0.00199	J	0.00200	100	0.00204		0.00200	102	0.00203		0.00200	102
Calcium	0.504		0.500	101	0.511		0.500	102	0.506		0.500	101
Chromium	0.00403		0.00400	101	0.00405		0.00400	101	0.00416		0.00400	104
Cobalt	0.00376	J	0.00400	94	0.00384	J	0.00400	96	0.00372	J	0.00400	93
Copper	0.00966	J	0.0100	97	0.00950	J	0.0100	95	0.0100		0.0100	100
Iron	0.0520		0.0500	104	0.0523		0.0500	105	0.0485	J	0.0500	97
Lead	0.00984	J	0.0100	98	0.00964	J	0.0100	96	0.00949	J	0.0100	95
Magnesium	0.193	J	0.200	96	0.198	J	0.200	99	0.194	J	0.200	97
Manganese	0.00310		0.00300	103	0.00313		0.00300	104	0.00313		0.00300	104
Nickel	0.00931	J	0.0100	93	0.00924	J	0.0100	92	0.00939	J	0.0100	94
Potassium	0.481	J	0.500	96	0.425	J	0.500	85	0.480	J	0.500	96
Selenium	0.0257		0.0250	103	0.0255		0.0250	102	0.0265		0.0250	106
Silver	0.00587	J	0.00600	98	0.00556	J	0.00600	93	0.00562	J	0.00600	94
Sodium	0.993	J	1.01	99	0.980	J	1.01	97	1.00		1.01	99
Thallium	0.0198	J	0.0200	99	0.0189	J	0.0200	95	0.0184	J	0.0200	92
Vanadium	0.00486	J	0.00500	97	0.00489	J	0.00500	98	0.00493	J	0.00500	99
Zinc	0.0103		0.0100	103	0.0100		0.0100	100	0.0106		0.0100	106

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins TestAmerica, Buffalo

Job No.: 480-191852-1

SDG No.: _____

ICV Source: MEI_10_CCVL_00404

Concentration Units: mg/L

CCV Source: MEI_10_CCVL_00404

Analyte	ICVL 480-604240/7 11/09/2021 12:52				CCVL 480-604240/19 11/09/2021 15:49				CCVL 480-604240/28 11/09/2021 16:33			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	0.235		0.200	117	0.245		0.200	123	0.235		0.200	117
Antimony	0.0191	J	0.0200	95	0.0199	J	0.0200	100	0.0185	J	0.0200	93
Arsenic	0.0115	J	0.0150	77	0.0123	J	0.0150	82	0.0119	J	0.0150	79
Barium	0.00210		0.00200	105	0.00211		0.00200	106	0.00210		0.00200	105
Beryllium	0.00200		0.00200	100	0.00191	J	0.00200	96	0.00189	J	0.00200	95
Cadmium	0.00201		0.00200	101	0.00200		0.00200	100	0.00206		0.00200	103
Calcium	0.500		0.500	100	0.502		0.500	100	0.500		0.500	100
Chromium	0.00406		0.00400	102	0.00443		0.00400	111	0.00402		0.00400	101
Cobalt	0.00381	J	0.00400	95	0.00386	J	0.00400	97	0.00383	J	0.00400	96
Copper	0.00982	J	0.0100	98	0.0113		0.0100	113	0.0110		0.0100	110
Iron	0.0545		0.0500	109	0.0545		0.0500	109	0.0548		0.0500	110
Lead	0.00736	J	0.0100	74	0.00938	J	0.0100	94	0.00833	J	0.0100	83
Magnesium	0.199	J	0.200	99	0.199	J	0.200	100	0.202		0.200	101
Manganese	0.00313		0.00300	104	0.00307		0.00300	102	0.00303		0.00300	101
Nickel	0.00917	J	0.0100	92	0.00937	J	0.0100	94	0.00949	J	0.0100	95
Potassium	0.552		0.500	110	0.562		0.500	112	0.582		0.500	116
Selenium	0.0211	J	0.0250	85	0.0217	J	0.0250	87	0.0189	J	0.0250	75
Silver	0.00476	J	0.00600	79	0.00488	J	0.00600	81	0.00508	J	0.00600	85
Sodium	0.981	J	1.01	97	0.997	J	1.01	99	0.997	J	1.01	99
Thallium	0.0181	J	0.0200	90	0.0181	J	0.0200	90	0.0213		0.0200	106
Vanadium	0.00488	J	0.00500	98	0.00535		0.00500	107	0.00503		0.00500	101
Zinc	0.0107		0.0100	107	0.0103		0.0100	103	0.0101		0.0100	101

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191852-1

SDG No.: _____

ICV Source: MEI_10_CCVL_00404 Concentration Units: mg/L

CCV Source: MEI_10_CCVL_00404

Analyte	CCVL 480-604240/39 11/09/2021 17:18											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	0.224		0.200	112								
Antimony	0.0206		0.0200	103								
Arsenic	0.0124	J	0.0150	83								
Barium	0.00209		0.00200	105								
Beryllium	0.00182	J	0.00200	91								
Cadmium	0.00189	J	0.00200	95								
Calcium	0.497	J	0.500	99								
Chromium	0.00433		0.00400	108								
Cobalt	0.00382	J	0.00400	96								
Copper	0.0113		0.0100	113								
Iron	0.0524		0.0500	105								
Lead	0.00851	J	0.0100	85								
Magnesium	0.204		0.200	102								
Manganese	0.00310		0.00300	103								
Nickel	0.00945	J	0.0100	95								
Potassium	0.624		0.500	125								
Selenium	0.0217	J	0.0250	87								
Silver	0.00519	J	0.00600	87								
Sodium	1.02		1.01	101								
Thallium	0.0184	J	0.0200	92								
Vanadium	0.00481	J	0.00500	96								
Zinc	0.0105		0.0100	105								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins TestAmerica, Buffalo

Job No.: 480-191852-1

SDG No.: _____

Concentration Units: mg/L

Analyte	RL	ICB 480-604081/6 11/08/2021 13:59		CCB 480-604081/18 11/08/2021 20:41		CCB 480-604081/27 11/08/2021 21:26			
		Found	C	Found	C	Found	C	Found	C
Aluminum	0.20	ND		ND		ND			
Antimony	0.020	ND		ND		ND			
Arsenic	0.015	ND		ND		ND			
Barium	0.0020	ND		ND		ND			
Beryllium	0.0020	ND		ND		ND			
Cadmium	0.0020	ND		ND		ND			
Calcium	0.50	ND		ND		ND			
Chromium	0.0040	ND		ND		ND			
Cobalt	0.0040	ND		ND		ND			
Copper	0.010	ND		ND		ND			
Iron	0.050	ND		ND		ND			
Lead	0.010	ND		ND		ND			
Magnesium	0.20	ND		ND		ND			
Manganese	0.0030	ND		ND		ND			
Nickel	0.010	ND		ND		ND			
Potassium	0.50	ND		ND		ND			
Selenium	0.025	ND		ND		0.00897	J		
Silver	0.0060	ND		ND		ND			
Sodium	1.0	ND		ND		ND			
Thallium	0.020	ND		ND		ND			
Vanadium	0.0050	ND		ND		ND			
Zinc	0.010	ND		ND		ND			

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins TestAmerica, Buffalo

Job No.: 480-191852-1

SDG No.: _____

Concentration Units: mg/L

Analyte	RL	ICB 480-604240/6 11/09/2021 12:48		CCB 480-604240/18 11/09/2021 15:45		CCB 480-604240/27 11/09/2021 16:29		CCB 480-604240/38 11/09/2021 17:14	
		Found	C	Found	C	Found	C	Found	C
Aluminum	0.20	ND		ND		ND		ND	
Antimony	0.020	ND		ND		ND		ND	
Arsenic	0.015	ND		ND		ND		ND	
Barium	0.0020	ND		ND		ND		ND	
Beryllium	0.0020	ND		ND		ND		ND	
Cadmium	0.0020	ND		ND		ND		ND	
Calcium	0.50	ND		ND		ND		ND	
Chromium	0.0040	ND		ND		ND		ND	
Cobalt	0.0040	ND		ND		ND		ND	
Copper	0.010	ND		ND		ND		ND	
Iron	0.050	ND		ND		ND		ND	
Lead	0.010	ND		ND		ND		ND	
Magnesium	0.20	ND		ND		ND		ND	
Manganese	0.0030	ND		ND		ND		ND	
Nickel	0.010	ND		ND		ND		ND	
Potassium	0.50	ND		0.125	J	0.197	J	0.229	J
Selenium	0.025	ND		ND		ND		ND	
Silver	0.0060	ND		ND		ND		ND	
Sodium	1.0	ND		ND		ND		ND	
Thallium	0.020	ND		ND		ND		ND	
Vanadium	0.0050	ND		ND		ND		ND	
Zinc	0.010	ND		ND		ND		ND	

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS - TOTAL RECOVERABLE

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191852-1
 SDG No.: _____
 Concentration Units: mg/L Lab Sample ID: MB 480-603497/1-A
 Instrument Code: ICAP1 Batch No.: 604081

CAS No.	Analyte	Concentration	C	Q	Method
7429-90-5	Aluminum	ND			6010C
7440-36-0	Antimony	ND			6010C
7440-38-2	Arsenic	ND			6010C
7440-39-3	Barium	ND			6010C
7440-41-7	Beryllium	ND			6010C
7440-43-9	Cadmium	ND			6010C
7440-70-2	Calcium	ND			6010C
7440-47-3	Chromium	ND			6010C
7440-48-4	Cobalt	ND			6010C
7440-50-8	Copper	ND			6010C
7439-89-6	Iron	ND			6010C
7439-92-1	Lead	ND			6010C
7439-95-4	Magnesium	ND			6010C
7439-96-5	Manganese	ND			6010C
7440-02-0	Nickel	ND			6010C
7440-09-7	Potassium	0.193	J		6010C
7782-49-2	Selenium	ND			6010C
7440-22-4	Silver	ND			6010C
7440-23-5	Sodium	ND			6010C
7440-28-0	Thallium	ND			6010C
7440-62-2	Vanadium	ND			6010C
7440-66-6	Zinc	ND			6010C

LPZ-03S & LPZ-12S

Data Usability Summary Report

Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

Nash Rd. LF #932054
Eurofins SDG#480-191984-1
February 28, 2022
Reissued: March 9, 2022
Sampling date: 11/5/2021

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

Nash Rd. LF #932054
SDG# 480-191984-1

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package(reissued: March 9, 2022) for LiRo Engineers, project located at Nash Rd. LF #932054, Eurofins SDG#480-191984-1 submitted to Vali-Data of WNY, LLC on December 8, 2021. This DUSR has been prepared in general compliance with USEPA National Functional Guidelines(NFG) and NYSDEC Analytical Services Protocols. The laboratory performed the analyses using USEPA method Volatile Organics (8260C), Semi-Volatile Organics (8270D), Pesticides (8081B), PCB (8082A), and Inorganics/Mercury (6010C, 7470A).

ID	Sample ID	Laboratory ID
1	LPZ-12S	480-191984-1
2	LPZ-03S	480-191984-2

The temperature of the sample was outside QC limits. They arrived at the laboratory within 2 hours of sampling, on ice, so no further action is required.

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Sample Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Surrogate Spike Recoveries,

Nash Rd. LF #932054

SDG# 480-191984-1

Laboratory Control Samples, Initial Calibration and Continuing Calibration.

Sample: LPZ-12S was diluted due to foaming.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All criteria were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of all of the surrogates in the samples were outside QC limits, high and should be qualified as estimated. No target analytes were detected, so no further action is required.

METHOD BLANK

All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met except the %D of 1,1-Dichloroethene was outside QC limits in ICV 480-600095/37. This target analyte should be qualified as estimated in the samples, blank and spike.

Nash Rd. LF #932054

SDG# 480-191984-1

Alternate forms of regression were performed on some target analytes, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except several target analytes were outside QC limits and should be qualified as estimated in the associated samples, blank and spikes.

CCal ID	Target Analyte	%D	Qualifier	Associated Sample
CCVIS 480-603898/4	Bromomethane	34.0	UJ/J	MB/LCS 480-603898, 1, 2
CCVIS 480-603898/4	Chloroethane	26.4	UJ/J	MB/LCS 480-603898, 1, 2
CCVIS 480-603898/4	Trichlorofluoromethane	67.8	UJ/J	MB/LCS 480-603898, 1, 2

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

GC/MS PERFORMANCE CHECK

All criteria were met.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Surrogate Spike Recoveries and Laboratory Control Samples.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of 2,4,6-Tribromophenol was outside QC limits, high in LCS 480-603915/2-A and LCSD 480-603915/3-A. Associated target analytes detected in these samples should be qualified as estimated high.

2,4,6-Trichlorophenol	2,4-Dinitrophenol	4,6-Dinitro-2-methylphenol
2,4,5-Trichlorophenol	4-Nitrophenol	Pentachlorophenol

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met except the RPD of Bis(2-chloroisopropyl)ether was outside QC limits between LCS 480-603915/2-A and LCSD 480-603915/3-A and should be qualified as estimated. This target analyte should be qualified as estimated in the samples.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on some target analytes, with acceptable results.

Nash Rd. LF #932054

SDG# 480-191984-1

CONTINUING CALIBRATION

All criteria were met.

GC/MS PERFORMANCE CHECK

All criteria were met.

PESTICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Laboratory Control Samples.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the samples were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met except the RPD of Endosulfan I, Endrin aldehyde, Methoxychlor and Endosulfan sulfate was outside QC limits between the columns in LCS 480-603925/2-A and should be qualified as estimated.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All the criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used on all target analytes and surrogates, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

PCB

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD

- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Initial Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met except the %D of Aroclor 1268 p 4 was outside QC limits off both columns in ICV 480-581108/25. This target analyte should be qualified as estimated in the blank, spike and samples.

Alternate forms of regression were used on all of the target analytes and surrogates, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

Some target analytes were outside laboratory QC limits but were within NFG QC limits, so no further action is required.

Some target analytes were outside QC limits on the confirmatory column, so no further action is required.

METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Blanks
- Laboratory Control Sample
- MS/MSD/Duplicate
- Field Duplicate
- Serial Dilution
- Compound Quantitation
- Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

BLANKS

All criteria were met.

LABORATORY CONTROL SAMPLE

All criteria were met.

MS/MSD/DUPLICATE

No MS/MSD was acquired.

FIELD DUPLICATE

No field duplicate was acquired.

SERIAL DILUTION

No serial dilution was performed.

COMPOUND QUANTITATION

All criteria were met.

CALIBRATION

All criteria were met except the %D of some target analytes was outside QC limits. These target analytes should be qualified as estimated in the associated samples, blanks and spikes.

Calibration ID	Target Analyte	%D	Qualifier	Associated Sample
ICVL 480-604425/7	Al	85	UJ/J	MB/LCS 480-603907, 1, 2
ICVL 480-604425/7	As	76	UJ/J	MB/LCS 480-603907, 1, 2
ICVL 480-604425/7	Zn	89	UJ/J	MB/LCS 480-603907, 1, 2
CCVL 480-604425/19	As	79	UJ/J	MB/LCS 480-603907
CCVL 480-604425/19	Cu	88	UJ/J	MB/LCS 480-603907
CCVL 480-604425/19	Se	85	UJ/J	MB/LCS 480-603907
CCVL 480-604425/19	Be	112	JH	LCS 480-603907
CCVL 480-604425/25	As	76	UJ/J	MB/LCS 480-603907
CCVL 480-604425/25	Cu	87	UJ/J	MB/LCS 480-603907
CCVL 480-604425/25	Se	88	UJ/J	MB/LCS 480-603907
CCVL 480-604425/25	Sb	86	UJ/J	MB/LCS 480-603907
CCVL 480-604425/25	V	111	JH	LCS 480-603907
CCVL 480-604425/49	As	88	UJ/J	1, 2
CCVL 480-604425/49	Cu	88	UJ/J	1, 2
CCVL 480-604425/49	Sb	89	UJ/J	1, 2

Nash Rd. LF #932054

SDG# 480-191984-1

Calibration ID	Target Analyte	%D	Qualifier	Associated Sample
CCVL 480-604425/49	Mg	89	UJ/J	1, 2
CCVL 480-604425/49	Ni	89	UJ/J	1, 2
CCVL 480-604425/49	K	86	UJ/J	1, 2
CCVL 480-604425/49	Ag	83	UJ/J	1, 2
CCVL 480-604425/49	Al	111	JH	1, 2
CCVL 480-604425/49	V	112	JH	1
CCVL 480-604425/58	As	76	UJ/J	1, 2
CCVL 480-604425/58	Sb	84	UJ/J	1, 2
CCVL 480-604425/58	Se	87	UJ/J	1, 2
CCVL 480-604425/58	K	83	UJ/J	1, 2
CCVL 480-604425/58	Zn	88	UJ/J	1, 2

Job Narrative
480-191984-1

Revision (3)

The report is revised to include the ICV for SVOAs run on 11/3/21 on instrument HP5973Y as requested by the validator 3/9/22.

Revision (2)

The report was revised to include the ICV for toxaphene and mirex as requested.

Revision (1)

The SVOA section was rerun and the missing CCVIS 480-604220/3 raw data are present.

Receipt

The samples were received on 11/5/2021 11:50 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 6.1° C.

GC/MS VOA

Method 8260C: Surrogate recoveries for the following samples were outside the upper control limit: LPZ-12S (480-191984-1) and LPZ-03S (480-191984-2). These samples did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: LPZ-12S (480-191984-1). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-603898 recovered above the upper control limit for 2-Butanone (MEK) and Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: LPZ-12S (480-191984-1) and LPZ-03S (480-191984-2).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-603898 recovered outside acceptance criteria, low biased, for Carbon disulfide. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte, the data are reported. The associated samples are: LPZ-12S (480-191984-1) and LPZ-03S (480-191984-2).

Method 8260C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 480-603898 recovered outside control limits for the following analytes: 1,2-Dichloroethane, Bromomethane, Chloroethane and Trichlorofluoromethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. The associated samples are: LPZ-12S (480-191984-1) and LPZ-03S (480-191984-2).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA

Method 8270D: The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 480-603915 and analytical batch 480-604662 recovered outside control limits for the following surrogate: 2,4,6-Tribromophenol. This surrogate is biased high and no detections were found for associated analytes in the following affected samples: LPZ-12S (480-191984-1) and LPZ-03S (480-191984-2). Therefore, the data have been reported.

Method 8270D: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 480-603915 and analytical batch 480-604662 recovered outside control limits for the following analytes: 2,2'-oxybis[1-chloropropane].

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191984-1

Client Sample ID: LPZ-12S

Lab Sample ID: 480-191984-1

Date Collected: 11/05/21 10:00

Matrix: Water

Date Received: 11/05/21 11:50

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			11/09/21 07:30	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			11/09/21 07:30	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			11/09/21 07:30	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			11/09/21 07:30	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			11/09/21 07:30	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			11/09/21 07:30	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			11/09/21 07:30	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			11/09/21 07:30	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			11/09/21 07:30	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			11/09/21 07:30	4
1,2-Dichloroethane	ND	*+	4.0	0.84	ug/L			11/09/21 07:30	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			11/09/21 07:30	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			11/09/21 07:30	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			11/09/21 07:30	4
2-Butanone (MEK)	ND		40	5.3	ug/L			11/09/21 07:30	4
2-Hexanone	ND		20	5.0	ug/L			11/09/21 07:30	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			11/09/21 07:30	4
Acetone	ND		40	12	ug/L			11/09/21 07:30	4
Benzene	ND		4.0	1.6	ug/L			11/09/21 07:30	4
Bromodichloromethane	ND		4.0	1.6	ug/L			11/09/21 07:30	4
Bromoform	ND		4.0	1.0	ug/L			11/09/21 07:30	4
Bromomethane	ND	*+	4.0	2.8	ug/L			11/09/21 07:30	4
Carbon disulfide	ND		4.0	0.76	ug/L			11/09/21 07:30	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			11/09/21 07:30	4
Chlorobenzene	ND		4.0	3.0	ug/L			11/09/21 07:30	4
Chloroethane	ND	*+	4.0	1.3	ug/L			11/09/21 07:30	4
Chloroform	ND		4.0	1.4	ug/L			11/09/21 07:30	4
Chloromethane	ND		4.0	1.4	ug/L			11/09/21 07:30	4
cis-1,2-Dichloroethene	ND		4.0	3.2	ug/L			11/09/21 07:30	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			11/09/21 07:30	4
Cyclohexane	ND		4.0	0.72	ug/L			11/09/21 07:30	4
Dibromochloromethane	ND		4.0	1.3	ug/L			11/09/21 07:30	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			11/09/21 07:30	4
Ethylbenzene	ND		4.0	3.0	ug/L			11/09/21 07:30	4
Isopropylbenzene	ND		4.0	3.2	ug/L			11/09/21 07:30	4
Methyl acetate	ND		10	5.2	ug/L			11/09/21 07:30	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			11/09/21 07:30	4
Methylcyclohexane	ND		4.0	0.64	ug/L			11/09/21 07:30	4
Methylene Chloride	ND		4.0	1.8	ug/L			11/09/21 07:30	4
Styrene	ND		4.0	2.9	ug/L			11/09/21 07:30	4
Tetrachloroethene	ND		4.0	1.4	ug/L			11/09/21 07:30	4
Toluene	ND		4.0	2.0	ug/L			11/09/21 07:30	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			11/09/21 07:30	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			11/09/21 07:30	4
Trichloroethene	ND		4.0	1.8	ug/L			11/09/21 07:30	4
Trichlorofluoromethane	ND	*+	4.0	3.5	ug/L			11/09/21 07:30	4
Vinyl chloride	ND		4.0	3.6	ug/L			11/09/21 07:30	4
Xylenes, Total	ND		8.0	2.6	ug/L			11/09/21 07:30	4

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191984-1

Client Sample ID: LPZ-12S

Lab Sample ID: 480-191984-1

Date Collected: 11/05/21 10:00

Matrix: Water

Date Received: 11/05/21 11:50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	172	S1+	77 - 120		11/09/21 07:30	4
4-Bromofluorobenzene (Surr)	167	S1+	73 - 120		11/09/21 07:30	4
Toluene-d8 (Surr)	146	S1+	80 - 120		11/09/21 07:30	4

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/08/21 14:41	11/13/21 08:14	1
bis (2-chloroisopropyl) ether	ND	*1	5.0	0.52	ug/L		11/08/21 14:41	11/13/21 08:14	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/08/21 14:41	11/13/21 08:14	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/08/21 14:41	11/13/21 08:14	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/08/21 14:41	11/13/21 08:14	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/08/21 14:41	11/13/21 08:14	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/08/21 14:41	11/13/21 08:14	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/08/21 14:41	11/13/21 08:14	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/08/21 14:41	11/13/21 08:14	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/08/21 14:41	11/13/21 08:14	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/08/21 14:41	11/13/21 08:14	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/08/21 14:41	11/13/21 08:14	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/08/21 14:41	11/13/21 08:14	1
2-Nitroaniline	ND		10	0.42	ug/L		11/08/21 14:41	11/13/21 08:14	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/08/21 14:41	11/13/21 08:14	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/08/21 14:41	11/13/21 08:14	1
3-Nitroaniline	ND		10	0.48	ug/L		11/08/21 14:41	11/13/21 08:14	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/08/21 14:41	11/13/21 08:14	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/08/21 14:41	11/13/21 08:14	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/08/21 14:41	11/13/21 08:14	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/08/21 14:41	11/13/21 08:14	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/08/21 14:41	11/13/21 08:14	1
4-Methylphenol	ND		10	0.36	ug/L		11/08/21 14:41	11/13/21 08:14	1
4-Nitroaniline	ND		10	0.25	ug/L		11/08/21 14:41	11/13/21 08:14	1
4-Nitrophenol	ND		10	1.5	ug/L		11/08/21 14:41	11/13/21 08:14	1
Acenaphthene	ND		5.0	0.41	ug/L		11/08/21 14:41	11/13/21 08:14	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/08/21 14:41	11/13/21 08:14	1
Acetophenone	ND		5.0	0.54	ug/L		11/08/21 14:41	11/13/21 08:14	1
Anthracene	ND		5.0	0.28	ug/L		11/08/21 14:41	11/13/21 08:14	1
Atrazine	ND		5.0	0.46	ug/L		11/08/21 14:41	11/13/21 08:14	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/08/21 14:41	11/13/21 08:14	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/08/21 14:41	11/13/21 08:14	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/08/21 14:41	11/13/21 08:14	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/08/21 14:41	11/13/21 08:14	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/08/21 14:41	11/13/21 08:14	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/08/21 14:41	11/13/21 08:14	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/08/21 14:41	11/13/21 08:14	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/08/21 14:41	11/13/21 08:14	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/08/21 14:41	11/13/21 08:14	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/08/21 14:41	11/13/21 08:14	1
Caprolactam	ND		5.0	2.2	ug/L		11/08/21 14:41	11/13/21 08:14	1
Carbazole	ND		5.0	0.30	ug/L		11/08/21 14:41	11/13/21 08:14	1
Chrysene	ND		5.0	0.33	ug/L		11/08/21 14:41	11/13/21 08:14	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/08/21 14:41	11/13/21 08:14	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191984-1

Client Sample ID: LPZ-12S

Lab Sample ID: 480-191984-1

Date Collected: 11/05/21 10:00

Matrix: Water

Date Received: 11/05/21 11:50

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/08/21 14:41	11/13/21 08:14	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/08/21 14:41	11/13/21 08:14	1
Dibenzofuran	ND		10	0.51	ug/L		11/08/21 14:41	11/13/21 08:14	1
Diethyl phthalate	ND		5.0	0.22	ug/L		11/08/21 14:41	11/13/21 08:14	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/08/21 14:41	11/13/21 08:14	1
Fluoranthene	ND		5.0	0.40	ug/L		11/08/21 14:41	11/13/21 08:14	1
Fluorene	ND		5.0	0.36	ug/L		11/08/21 14:41	11/13/21 08:14	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/08/21 14:41	11/13/21 08:14	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/08/21 14:41	11/13/21 08:14	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/08/21 14:41	11/13/21 08:14	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/08/21 14:41	11/13/21 08:14	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/08/21 14:41	11/13/21 08:14	1
Isophorone	ND		5.0	0.43	ug/L		11/08/21 14:41	11/13/21 08:14	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/08/21 14:41	11/13/21 08:14	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/08/21 14:41	11/13/21 08:14	1
Naphthalene	ND		5.0	0.76	ug/L		11/08/21 14:41	11/13/21 08:14	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/08/21 14:41	11/13/21 08:14	1
Pentachlorophenol	ND		10	2.2	ug/L		11/08/21 14:41	11/13/21 08:14	1
Phenanthrene	ND		5.0	0.44	ug/L		11/08/21 14:41	11/13/21 08:14	1
Phenol	ND		5.0	0.39	ug/L		11/08/21 14:41	11/13/21 08:14	1
Pyrene	ND		5.0	0.34	ug/L		11/08/21 14:41	11/13/21 08:14	1
Benzoic acid	ND		150	100	ug/L		11/08/21 14:41	11/13/21 08:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	100		41 - 120	11/08/21 14:41	11/13/21 08:14	1
2-Fluorobiphenyl	86		48 - 120	11/08/21 14:41	11/13/21 08:14	1
2-Fluorophenol	64		35 - 120	11/08/21 14:41	11/13/21 08:14	1
Nitrobenzene-d5	76		46 - 120	11/08/21 14:41	11/13/21 08:14	1
p-Terphenyl-d14	88		60 - 148	11/08/21 14:41	11/13/21 08:14	1
Phenol-d5	49		22 - 120	11/08/21 14:41	11/13/21 08:14	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/08/21 15:15	11/09/21 14:18	1
4,4'-DDE	ND		0.050	0.012	ug/L		11/08/21 15:15	11/09/21 14:18	1
4,4'-DDT	ND		0.050	0.011	ug/L		11/08/21 15:15	11/09/21 14:18	1
Aldrin	ND		0.050	0.0081	ug/L		11/08/21 15:15	11/09/21 14:18	1
alpha-BHC	ND		0.050	0.0077	ug/L		11/08/21 15:15	11/09/21 14:18	1
cis-Chlordane	ND		0.050	0.015	ug/L		11/08/21 15:15	11/09/21 14:18	1
beta-BHC	ND		0.050	0.025	ug/L		11/08/21 15:15	11/09/21 14:18	1
delta-BHC	ND		0.050	0.010	ug/L		11/08/21 15:15	11/09/21 14:18	1
Dieldrin	ND		0.050	0.0098	ug/L		11/08/21 15:15	11/09/21 14:18	1
Endosulfan I	ND		0.050	0.011	ug/L		11/08/21 15:15	11/09/21 14:18	1
Endosulfan II	0.013	J	0.050	0.012	ug/L		11/08/21 15:15	11/09/21 14:18	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		11/08/21 15:15	11/09/21 14:18	1
Endrin	ND		0.050	0.014	ug/L		11/08/21 15:15	11/09/21 14:18	1
Endrin aldehyde	ND		0.050	0.016	ug/L		11/08/21 15:15	11/09/21 14:18	1
Endrin ketone	ND		0.050	0.012	ug/L		11/08/21 15:15	11/09/21 14:18	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		11/08/21 15:15	11/09/21 14:18	1
trans-Chlordane	ND		0.050	0.011	ug/L		11/08/21 15:15	11/09/21 14:18	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191984-1

Client Sample ID: LPZ-12S

Lab Sample ID: 480-191984-1

Date Collected: 11/05/21 10:00

Matrix: Water

Date Received: 11/05/21 11:50

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.050	0.0085	ug/L		11/08/21 15:15	11/09/21 14:18	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		11/08/21 15:15	11/09/21 14:18	1
Methoxychlor	ND		0.050	0.014	ug/L		11/08/21 15:15	11/09/21 14:18	1
Toxaphene	ND		0.50	0.12	ug/L		11/08/21 15:15	11/09/21 14:18	1
Mirex	ND		0.050	0.0096	ug/L		11/08/21 15:15	11/09/21 14:18	1

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	90		20 - 120				11/08/21 15:15	11/09/21 14:18	1
DCB Decachlorobiphenyl	81		20 - 120				11/08/21 15:15	11/09/21 14:18	1
Tetrachloro-m-xylene	63		44 - 120				11/08/21 15:15	11/09/21 14:18	1
Tetrachloro-m-xylene	73		44 - 120				11/08/21 15:15	11/09/21 14:18	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/10/21 14:19	11/11/21 23:34	1
PCB-1221	ND		0.50	0.18	ug/L		11/10/21 14:19	11/11/21 23:34	1
PCB-1232	ND		0.50	0.18	ug/L		11/10/21 14:19	11/11/21 23:34	1
PCB-1242	ND		0.50	0.18	ug/L		11/10/21 14:19	11/11/21 23:34	1
PCB-1248	ND		0.50	0.18	ug/L		11/10/21 14:19	11/11/21 23:34	1
PCB-1254	ND		0.50	0.25	ug/L		11/10/21 14:19	11/11/21 23:34	1
PCB-1260	ND		0.50	0.25	ug/L		11/10/21 14:19	11/11/21 23:34	1
PCB-1262	ND		0.50	0.25	ug/L		11/10/21 14:19	11/11/21 23:34	1
PCB-1268	ND		0.50	0.25	ug/L		11/10/21 14:19	11/11/21 23:34	1

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	79		39 - 121				11/10/21 14:19	11/11/21 23:34	1
Tetrachloro-m-xylene	88		39 - 121				11/10/21 14:19	11/11/21 23:34	1
DCB Decachlorobiphenyl	51		19 - 120				11/10/21 14:19	11/11/21 23:34	1
DCB Decachlorobiphenyl	54		19 - 120				11/10/21 14:19	11/11/21 23:34	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.14	J	0.20	0.060	mg/L		11/09/21 09:26	11/10/21 21:41	1
Antimony	ND		0.020	0.0068	mg/L		11/09/21 09:26	11/10/21 21:41	1
Arsenic	0.017		0.015	0.0056	mg/L		11/09/21 09:26	11/10/21 21:41	1
Barium	0.18		0.0020	0.00070	mg/L		11/09/21 09:26	11/10/21 21:41	1
Beryllium	ND		0.0020	0.00030	mg/L		11/09/21 09:26	11/10/21 21:41	1
Cadmium	0.00071	J	0.0020	0.00050	mg/L		11/09/21 09:26	11/10/21 21:41	1
Calcium	120		0.50	0.10	mg/L		11/09/21 09:26	11/10/21 21:41	1
Chromium	ND		0.0040	0.0010	mg/L		11/09/21 09:26	11/10/21 21:41	1
Cobalt	ND		0.0040	0.00063	mg/L		11/09/21 09:26	11/10/21 21:41	1
Copper	ND		0.010	0.0016	mg/L		11/09/21 09:26	11/10/21 21:41	1
Iron	3.9		0.050	0.019	mg/L		11/09/21 09:26	11/10/21 21:41	1
Lead	0.0053	J	0.010	0.0030	mg/L		11/09/21 09:26	11/10/21 21:41	1
Magnesium	33.7		0.20	0.043	mg/L		11/09/21 09:26	11/10/21 21:41	1
Manganese	0.22		0.0030	0.00040	mg/L		11/09/21 09:26	11/10/21 21:41	1
Nickel	ND		0.010	0.0013	mg/L		11/09/21 09:26	11/10/21 21:41	1
Potassium	6.8		0.50	0.10	mg/L		11/09/21 09:26	11/10/21 21:41	1
Selenium	ND		0.025	0.0087	mg/L		11/09/21 09:26	11/10/21 21:41	1
Silver	ND		0.0060	0.0017	mg/L		11/09/21 09:26	11/10/21 21:41	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191984-1

Client Sample ID: LPZ-12S

Lab Sample ID: 480-191984-1

Date Collected: 11/05/21 10:00

Matrix: Water

Date Received: 11/05/21 11:50

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	13.2		1.0	0.32	mg/L		11/09/21 09:26	11/10/21 21:41	1
Thallium	ND		0.020	0.010	mg/L		11/09/21 09:26	11/10/21 21:41	1
Vanadium	0.0021	J	0.0050	0.0015	mg/L		11/09/21 09:26	11/10/21 21:41	1
Zinc	0.0073	J	0.010	0.0015	mg/L		11/09/21 09:26	11/10/21 21:41	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		11/09/21 13:30	11/09/21 18:25	1

Client Sample ID: LPZ-03S

Lab Sample ID: 480-191984-2

Date Collected: 11/05/21 11:10

Matrix: Water

Date Received: 11/05/21 11:50

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/09/21 07:54	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/09/21 07:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/09/21 07:54	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/09/21 07:54	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/09/21 07:54	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/09/21 07:54	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/09/21 07:54	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/09/21 07:54	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/09/21 07:54	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/09/21 07:54	1
1,2-Dichloroethane	ND	*+	1.0	0.21	ug/L			11/09/21 07:54	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/09/21 07:54	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/09/21 07:54	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/09/21 07:54	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/09/21 07:54	1
2-Hexanone	ND		5.0	1.2	ug/L			11/09/21 07:54	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/09/21 07:54	1
Acetone	ND		10	3.0	ug/L			11/09/21 07:54	1
Benzene	ND		1.0	0.41	ug/L			11/09/21 07:54	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/09/21 07:54	1
Bromoform	ND		1.0	0.26	ug/L			11/09/21 07:54	1
Bromomethane	ND	*+	1.0	0.69	ug/L			11/09/21 07:54	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/09/21 07:54	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/09/21 07:54	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/09/21 07:54	1
Chloroethane	ND	*+	1.0	0.32	ug/L			11/09/21 07:54	1
Chloroform	ND		1.0	0.34	ug/L			11/09/21 07:54	1
Chloromethane	ND		1.0	0.35	ug/L			11/09/21 07:54	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/09/21 07:54	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/09/21 07:54	1
Cyclohexane	ND		1.0	0.18	ug/L			11/09/21 07:54	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/09/21 07:54	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/09/21 07:54	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/09/21 07:54	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/09/21 07:54	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191984-1

Client Sample ID: LPZ-03S

Lab Sample ID: 480-191984-2

Date Collected: 11/05/21 11:10

Matrix: Water

Date Received: 11/05/21 11:50

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl acetate	ND		2.5	1.3	ug/L			11/09/21 07:54	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/09/21 07:54	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/09/21 07:54	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/09/21 07:54	1
Styrene	ND		1.0	0.73	ug/L			11/09/21 07:54	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/09/21 07:54	1
Toluene	ND		1.0	0.51	ug/L			11/09/21 07:54	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/09/21 07:54	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/09/21 07:54	1
Trichloroethene	ND		1.0	0.46	ug/L			11/09/21 07:54	1
Trichlorofluoromethane	ND	*+	1.0	0.88	ug/L			11/09/21 07:54	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/09/21 07:54	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/09/21 07:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	178	S1+	77 - 120		11/09/21 07:54	1
4-Bromofluorobenzene (Surr)	179	S1+	73 - 120		11/09/21 07:54	1
Toluene-d8 (Surr)	151	S1+	80 - 120		11/09/21 07:54	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/08/21 14:41	11/13/21 08:42	1
bis (2-chloroisopropyl) ether	ND	*1	5.0	0.52	ug/L		11/08/21 14:41	11/13/21 08:42	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/08/21 14:41	11/13/21 08:42	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/08/21 14:41	11/13/21 08:42	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/08/21 14:41	11/13/21 08:42	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/08/21 14:41	11/13/21 08:42	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/08/21 14:41	11/13/21 08:42	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/08/21 14:41	11/13/21 08:42	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/08/21 14:41	11/13/21 08:42	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/08/21 14:41	11/13/21 08:42	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/08/21 14:41	11/13/21 08:42	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/08/21 14:41	11/13/21 08:42	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/08/21 14:41	11/13/21 08:42	1
2-Nitroaniline	ND		10	0.42	ug/L		11/08/21 14:41	11/13/21 08:42	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/08/21 14:41	11/13/21 08:42	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/08/21 14:41	11/13/21 08:42	1
3-Nitroaniline	ND		10	0.48	ug/L		11/08/21 14:41	11/13/21 08:42	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/08/21 14:41	11/13/21 08:42	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/08/21 14:41	11/13/21 08:42	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/08/21 14:41	11/13/21 08:42	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/08/21 14:41	11/13/21 08:42	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/08/21 14:41	11/13/21 08:42	1
4-Methylphenol	ND		10	0.36	ug/L		11/08/21 14:41	11/13/21 08:42	1
4-Nitroaniline	ND		10	0.25	ug/L		11/08/21 14:41	11/13/21 08:42	1
4-Nitrophenol	ND		10	1.5	ug/L		11/08/21 14:41	11/13/21 08:42	1
Acenaphthene	ND		5.0	0.41	ug/L		11/08/21 14:41	11/13/21 08:42	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/08/21 14:41	11/13/21 08:42	1
Acetophenone	ND		5.0	0.54	ug/L		11/08/21 14:41	11/13/21 08:42	1
Anthracene	ND		5.0	0.28	ug/L		11/08/21 14:41	11/13/21 08:42	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191984-1

Client Sample ID: LPZ-03S

Lab Sample ID: 480-191984-2

Date Collected: 11/05/21 11:10

Matrix: Water

Date Received: 11/05/21 11:50

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	ND		5.0	0.46	ug/L		11/08/21 14:41	11/13/21 08:42	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/08/21 14:41	11/13/21 08:42	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/08/21 14:41	11/13/21 08:42	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/08/21 14:41	11/13/21 08:42	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/08/21 14:41	11/13/21 08:42	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/08/21 14:41	11/13/21 08:42	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/08/21 14:41	11/13/21 08:42	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/08/21 14:41	11/13/21 08:42	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/08/21 14:41	11/13/21 08:42	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/08/21 14:41	11/13/21 08:42	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/08/21 14:41	11/13/21 08:42	1
Caprolactam	ND		5.0	2.2	ug/L		11/08/21 14:41	11/13/21 08:42	1
Carbazole	ND		5.0	0.30	ug/L		11/08/21 14:41	11/13/21 08:42	1
Chrysene	ND		5.0	0.33	ug/L		11/08/21 14:41	11/13/21 08:42	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/08/21 14:41	11/13/21 08:42	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/08/21 14:41	11/13/21 08:42	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/08/21 14:41	11/13/21 08:42	1
Dibenzofuran	ND		10	0.51	ug/L		11/08/21 14:41	11/13/21 08:42	1
Diethyl phthalate	0.38	J	5.0	0.22	ug/L		11/08/21 14:41	11/13/21 08:42	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/08/21 14:41	11/13/21 08:42	1
Fluoranthene	ND		5.0	0.40	ug/L		11/08/21 14:41	11/13/21 08:42	1
Fluorene	ND		5.0	0.36	ug/L		11/08/21 14:41	11/13/21 08:42	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/08/21 14:41	11/13/21 08:42	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/08/21 14:41	11/13/21 08:42	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/08/21 14:41	11/13/21 08:42	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/08/21 14:41	11/13/21 08:42	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/08/21 14:41	11/13/21 08:42	1
Isophorone	ND		5.0	0.43	ug/L		11/08/21 14:41	11/13/21 08:42	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/08/21 14:41	11/13/21 08:42	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/08/21 14:41	11/13/21 08:42	1
Naphthalene	ND		5.0	0.76	ug/L		11/08/21 14:41	11/13/21 08:42	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/08/21 14:41	11/13/21 08:42	1
Pentachlorophenol	ND		10	2.2	ug/L		11/08/21 14:41	11/13/21 08:42	1
Phenanthrene	ND		5.0	0.44	ug/L		11/08/21 14:41	11/13/21 08:42	1
Phenol	ND		5.0	0.39	ug/L		11/08/21 14:41	11/13/21 08:42	1
Pyrene	ND		5.0	0.34	ug/L		11/08/21 14:41	11/13/21 08:42	1
Benzoic acid	ND		150	100	ug/L		11/08/21 14:41	11/13/21 08:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	95		41 - 120	11/08/21 14:41	11/13/21 08:42	1
2-Fluorobiphenyl	98		48 - 120	11/08/21 14:41	11/13/21 08:42	1
2-Fluorophenol	65		35 - 120	11/08/21 14:41	11/13/21 08:42	1
Nitrobenzene-d5	80		46 - 120	11/08/21 14:41	11/13/21 08:42	1
p-Terphenyl-d14	83		60 - 148	11/08/21 14:41	11/13/21 08:42	1
Phenol-d5	50		22 - 120	11/08/21 14:41	11/13/21 08:42	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/08/21 15:15	11/09/21 14:37	1
4,4'-DDE	ND		0.050	0.012	ug/L		11/08/21 15:15	11/09/21 14:37	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191984-1

Client Sample ID: LPZ-03S

Lab Sample ID: 480-191984-2

Date Collected: 11/05/21 11:10

Matrix: Water

Date Received: 11/05/21 11:50

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	ND		0.050	0.011	ug/L		11/08/21 15:15	11/09/21 14:37	1
Aldrin	ND		0.050	0.0081	ug/L		11/08/21 15:15	11/09/21 14:37	1
alpha-BHC	ND		0.050	0.0077	ug/L		11/08/21 15:15	11/09/21 14:37	1
cis-Chlordane	ND		0.050	0.015	ug/L		11/08/21 15:15	11/09/21 14:37	1
beta-BHC	ND		0.050	0.025	ug/L		11/08/21 15:15	11/09/21 14:37	1
delta-BHC	ND		0.050	0.010	ug/L		11/08/21 15:15	11/09/21 14:37	1
Dieldrin	ND		0.050	0.0098	ug/L		11/08/21 15:15	11/09/21 14:37	1
Endosulfan I	ND		0.050	0.011	ug/L		11/08/21 15:15	11/09/21 14:37	1
Endosulfan II	ND		0.050	0.012	ug/L		11/08/21 15:15	11/09/21 14:37	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		11/08/21 15:15	11/09/21 14:37	1
Endrin	ND		0.050	0.014	ug/L		11/08/21 15:15	11/09/21 14:37	1
Endrin aldehyde	ND		0.050	0.016	ug/L		11/08/21 15:15	11/09/21 14:37	1
Endrin ketone	ND		0.050	0.012	ug/L		11/08/21 15:15	11/09/21 14:37	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		11/08/21 15:15	11/09/21 14:37	1
trans-Chlordane	ND		0.050	0.011	ug/L		11/08/21 15:15	11/09/21 14:37	1
Heptachlor	ND		0.050	0.0085	ug/L		11/08/21 15:15	11/09/21 14:37	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		11/08/21 15:15	11/09/21 14:37	1
Methoxychlor	ND		0.050	0.014	ug/L		11/08/21 15:15	11/09/21 14:37	1
Toxaphene	ND		0.50	0.12	ug/L		11/08/21 15:15	11/09/21 14:37	1
Mirex	ND		0.050	0.0096	ug/L		11/08/21 15:15	11/09/21 14:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	110		20 - 120	11/08/21 15:15	11/09/21 14:37	1
DCB Decachlorobiphenyl	102		20 - 120	11/08/21 15:15	11/09/21 14:37	1
Tetrachloro-m-xylene	82		44 - 120	11/08/21 15:15	11/09/21 14:37	1
Tetrachloro-m-xylene	89		44 - 120	11/08/21 15:15	11/09/21 14:37	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/10/21 14:19	11/11/21 23:47	1
PCB-1221	ND		0.50	0.18	ug/L		11/10/21 14:19	11/11/21 23:47	1
PCB-1232	ND		0.50	0.18	ug/L		11/10/21 14:19	11/11/21 23:47	1
PCB-1242	ND		0.50	0.18	ug/L		11/10/21 14:19	11/11/21 23:47	1
PCB-1248	ND		0.50	0.18	ug/L		11/10/21 14:19	11/11/21 23:47	1
PCB-1254	ND		0.50	0.25	ug/L		11/10/21 14:19	11/11/21 23:47	1
PCB-1260	ND		0.50	0.25	ug/L		11/10/21 14:19	11/11/21 23:47	1
PCB-1262	ND		0.50	0.25	ug/L		11/10/21 14:19	11/11/21 23:47	1
PCB-1268	ND		0.50	0.25	ug/L		11/10/21 14:19	11/11/21 23:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	65		39 - 121	11/10/21 14:19	11/11/21 23:47	1
Tetrachloro-m-xylene	74		39 - 121	11/10/21 14:19	11/11/21 23:47	1
DCB Decachlorobiphenyl	48		19 - 120	11/10/21 14:19	11/11/21 23:47	1
DCB Decachlorobiphenyl	50		19 - 120	11/10/21 14:19	11/11/21 23:47	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.16	J	0.20	0.060	mg/L		11/09/21 09:26	11/10/21 21:44	1
Antimony	ND		0.020	0.0068	mg/L		11/09/21 09:26	11/10/21 21:44	1
Arsenic	0.0072	J	0.015	0.0056	mg/L		11/09/21 09:26	11/10/21 21:44	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191984-1

Client Sample ID: LPZ-03S

Lab Sample ID: 480-191984-2

Date Collected: 11/05/21 11:10

Matrix: Water

Date Received: 11/05/21 11:50

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.11		0.0020	0.00070	mg/L		11/09/21 09:26	11/10/21 21:44	1
Beryllium	ND		0.0020	0.00030	mg/L		11/09/21 09:26	11/10/21 21:44	1
Cadmium	ND		0.0020	0.00050	mg/L		11/09/21 09:26	11/10/21 21:44	1
Calcium	200		0.50	0.10	mg/L		11/09/21 09:26	11/10/21 21:44	1
Chromium	ND		0.0040	0.0010	mg/L		11/09/21 09:26	11/10/21 21:44	1
Cobalt	0.00073	J	0.0040	0.00063	mg/L		11/09/21 09:26	11/10/21 21:44	1
Copper	ND		0.010	0.0016	mg/L		11/09/21 09:26	11/10/21 21:44	1
Iron	2.8		0.050	0.019	mg/L		11/09/21 09:26	11/10/21 21:44	1
Lead	ND		0.010	0.0030	mg/L		11/09/21 09:26	11/10/21 21:44	1
Magnesium	22.9		0.20	0.043	mg/L		11/09/21 09:26	11/10/21 21:44	1
Manganese	0.22		0.0030	0.00040	mg/L		11/09/21 09:26	11/10/21 21:44	1
Nickel	ND		0.010	0.0013	mg/L		11/09/21 09:26	11/10/21 21:44	1
Potassium	2.7		0.50	0.10	mg/L		11/09/21 09:26	11/10/21 21:44	1
Selenium	ND		0.025	0.0087	mg/L		11/09/21 09:26	11/10/21 21:44	1
Silver	ND		0.0060	0.0017	mg/L		11/09/21 09:26	11/10/21 21:44	1
Sodium	16.0		1.0	0.32	mg/L		11/09/21 09:26	11/10/21 21:44	1
Thallium	ND		0.020	0.010	mg/L		11/09/21 09:26	11/10/21 21:44	1
Vanadium	ND		0.0050	0.0015	mg/L		11/09/21 09:26	11/10/21 21:44	1
Zinc	ND		0.010	0.0015	mg/L		11/09/21 09:26	11/10/21 21:44	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000050	J	0.00020	0.000043	mg/L		11/09/21 13:30	11/09/21 18:26	1

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191984-1

SDG No.: _____

Matrix: Water Level: Low

GC Column (1): ZB-624 (20) ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
LPZ-12S	480-191984-1	172 S1+	146 S1+	167 S1+
LPZ-03S	480-191984-2	178 S1+	151 S1+	179 S1+
	MB 480-603898/8	120	101	120
	LCS 480-603898/6	104	98	115

DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

QC LIMITS
77-120
80-120
73-120

Column to be used to flag recovery values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191984-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: C0178.D
 Lab ID: LCS 480-603898/6 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	25.0	28.8	115	73-126	
1,1,2,2-Tetrachloroethane	25.0	22.0	88	76-120	
1,1,2-Trichloro-1,2,2-trifluor oethane	25.0	23.2	93	61-148	
1,1,2-Trichloroethane	25.0	24.8	99	76-122	
1,1-Dichloroethane	25.0	24.7	99	77-120	
1,1-Dichloroethene	25.0	22.0	88	66-127	
1,2,4-Trichlorobenzene	25.0	21.7	87	79-122	
1,2-Dibromo-3-Chloropropane	25.0	20.7	83	56-134	
1,2-Dibromoethane	25.0	25.3	101	77-120	
1,2-Dichlorobenzene	25.0	24.1	96	80-124	
1,2-Dichloroethane	25.0	30.7	123	75-120	*+
1,2-Dichloropropane	25.0	25.3	101	76-120	
1,3-Dichlorobenzene	25.0	23.9	96	77-120	
1,4-Dichlorobenzene	25.0	23.8	95	80-120	
2-Butanone (MEK)	125	159	127	57-140	
2-Hexanone	125	138	110	65-127	
4-Methyl-2-pentanone (MIBK)	125	126	101	71-125	
Acetone	125	166	133	56-142	
Benzene	25.0	24.2	97	71-124	
Bromodichloromethane	25.0	28.9	116	80-122	
Bromoform	25.0	27.1	109	61-132	
Bromomethane	25.0	38.7	155	55-144	*+
Carbon disulfide	25.0	19.6	78	59-134	
Carbon tetrachloride	25.0	26.2	105	72-134	
Chlorobenzene	25.0	25.1	100	80-120	
Chloroethane	25.0	39.9	160	69-136	*+
Chloroform	25.0	27.9	112	73-127	
Chloromethane	25.0	27.3	109	68-124	
cis-1,2-Dichloroethene	25.0	25.4	102	74-124	
cis-1,3-Dichloropropene	25.0	26.1	104	74-124	
Cyclohexane	25.0	22.2	89	59-135	
Dibromochloromethane	25.0	26.5	106	75-125	
Dichlorodifluoromethane	25.0	31.6	126	59-135	
Ethylbenzene	25.0	23.3	93	77-123	
Isopropylbenzene	25.0	21.8	87	77-122	
Methyl acetate	50.0	61.5	123	74-133	
Methyl tert-butyl ether	25.0	26.9	108	77-120	
Methylcyclohexane	25.0	23.1	93	68-134	
Methylene Chloride	25.0	24.8	99	75-124	
Styrene	25.0	24.5	98	80-120	
Tetrachloroethene	25.0	25.3	101	74-122	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191984-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: C0178.D
 Lab ID: LCS 480-603898/6 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Toluene	25.0	23.4	94	80-122	
trans-1,2-Dichloroethene	25.0	24.4	97	73-127	
trans-1,3-Dichloropropene	25.0	24.5	98	80-120	
Trichloroethene	25.0	28.1	112	74-123	
Trichlorofluoromethane	25.0	50.7	203	62-150	*+
Vinyl chloride	25.0	33.0	132	65-133	

Column to be used to flag recovery and RPD values

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191984-1

SDG No.: _____

Lab Sample ID: ICV 480-600095/37 Calibration Date: 10/13/2021 00:47

Instrument ID: HP5973C Calib Start Date: 10/12/2021 16:41

GC Column: ZB-624 (20) ID: 0.18 (mm) Calib End Date: 10/12/2021 19:22

Lab File ID: C8795.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	1.403	1.739	0.1000	31.0	25.0	24.0	50.0
Chloromethane	Ave	2.266	2.536	0.1000	28.0	25.0	11.9	30.0
Vinyl chloride	Ave	1.785	2.041	0.1000	28.6	25.0	14.3	30.0
Butadiene	Ave	2.063	2.359		28.6	25.0	14.4	30.0
Bromomethane	Ave	1.112	1.297	0.1000	29.1	25.0	16.6	50.0
Chloroethane	Ave	1.121	1.235	0.1000	27.5	25.0	10.2	50.0
Dichlorofluoromethane	Ave	2.589	2.876		27.8	25.0	11.1	30.0
Trichlorofluoromethane	Ave	2.044	2.435	0.1000	29.8	25.0	19.1	30.0
Ethyl ether	Ave	1.403	1.557		27.7	25.0	11.0	30.0
Acrolein	Ave	0.0858	0.0828		121	125	-3.5	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.371	1.627	0.1000	29.7	25.0	18.7	30.0
1,1-Dichloroethene	Ave	1.334	1.655	0.1000	31.0	25.0	24.0	30.0
Acetone	Ave	0.8668	0.9003	0.1000	130	125	3.9	50.0
Iodomethane	Ave	2.460	2.922		29.7	25.0	18.8	30.0
Carbon disulfide	Ave	4.494	5.342	0.1000	29.7	25.0	18.9	30.0
Allyl chloride	Ave	2.755	3.108		28.2	25.0	12.8	30.0
Methyl acetate	Ave	1.823	2.180	0.1000	59.8	50.0	19.6	50.0
Methylene Chloride	Lin1		1.897	0.1000	30.6	25.0	22.3	30.0
2-Methyl-2-propanol	Ave	0.2820	0.3181		282	250	12.8	50.0
Methyl tert-butyl ether	Ave	4.473	4.904	0.1000	27.4	25.0	9.6	30.0
trans-1,2-Dichloroethene	Ave	1.586	1.872	0.1000	29.5	25.0	18.0	30.0
Acrylonitrile	Ave	1.081	1.257		291	250	16.3	30.0
Hexane	Ave	2.269	2.449		27.0	25.0	7.9	30.0
1,1-Dichloroethane	Ave	2.758	3.217	0.2000	29.2	25.0	16.6	30.0
Vinyl acetate	Ave	3.221	3.356		52.1	50.0	4.2	30.0
2,2-Dichloropropane	Ave	1.552	1.695		27.3	25.0	9.2	30.0
cis-1,2-Dichloroethene	Ave	1.680	1.966	0.1000	29.3	25.0	17.0	30.0
2-Butanone (MEK)	Ave	1.188	1.175	0.1000	124	125	-1.1	30.0
Chlorobromomethane	Ave	0.9065	1.053		29.1	25.0	16.2	30.0
Tetrahydrofuran	Ave	0.8320	0.7880		47.4	50.0	-5.3	30.0
Chloroform	Ave	2.574	2.974	0.2000	28.9	25.0	15.5	30.0
1,1,1-Trichloroethane	Ave	2.225	2.655	0.1000	29.8	25.0	19.3	30.0
Cyclohexane	Ave	2.997	3.563	0.1000	29.7	25.0	18.9	30.0
Carbon tetrachloride	Ave	1.886	2.299	0.1000	30.5	25.0	21.9	30.0
1,1-Dichloropropene	Ave	1.869	2.084		27.9	25.0	11.5	30.0
Benzene	Ave	5.590	6.005	0.5000	26.9	25.0	7.4	30.0
Isobutyl alcohol	Ave	0.1049	0.0964		574	625	-8.2	50.0
1,2-Dichloroethane	Ave	1.994	2.170	0.1000	27.2	25.0	8.8	30.0
n-Heptane	Ave	2.803	2.657		23.7	25.0	-5.2	30.0
Trichloroethene	Ave	1.366	1.457	0.2000	26.7	25.0	6.7	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191984-1
 SDG No.: _____
 Lab Sample ID: CCVIS 480-603898/4 Calibration Date: 11/08/2021 22:44
 Instrument ID: HP5973C Calib Start Date: 10/12/2021 16:41
 GC Column: ZB-624 (20) ID: 0.18 (mm) Calib End Date: 10/12/2021 19:22
 Lab File ID: C0176.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	1.403	1.693	0.1000	30.2	25.0	20.7	50.0
Chloromethane	Ave	2.266	2.431	0.1000	26.8	25.0	7.3	20.0
Butadiene	Ave	2.063	3.092		37.5	25.0	49.9*	20.0
Vinyl chloride	Ave	1.785	2.085	0.1000	29.2	25.0	16.8	20.0
Bromomethane	Ave	1.112	1.490	0.1000	33.5	25.0	34.0	50.0
Chloroethane	Ave	1.121	1.416	0.1000	31.6	25.0	26.4	50.0
Dichlorofluoromethane	Ave	2.589	3.857		37.2	25.0	49.0*	20.0
Trichlorofluoromethane	Ave	2.044	3.430	0.1000	42.0	25.0	67.8*	20.0
Ethyl ether	Ave	1.403	1.499		26.7	25.0	6.9	20.0
Acrolein	Ave	0.0858	0.0730		106	125	-14.8	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	1.371	1.263	0.1000	23.0	25.0	-7.9	20.0
1,1-Dichloroethene	Ave	1.334	1.152	0.1000	21.6	25.0	-13.7	20.0
Acetone	Ave	0.8668	1.180	0.1000	170	125	36.2	50.0
Iodomethane	Ave	2.460	2.326		23.6	25.0	-5.4	20.0
Carbon disulfide	Ave	4.494	3.405	0.1000	18.9	25.0	-24.2*	20.0
Allyl chloride	Ave	2.755	2.490		22.6	25.0	-9.6	20.0
Methyl acetate	Ave	1.823	2.201	0.1000	60.4	50.0	20.7	50.0
Methylene Chloride	Lin1		1.559	0.1000	24.8	25.0	-0.9	20.0
2-Methyl-2-propanol	Ave	0.2820	0.4381		388	250	55.3*	50.0
Methyl tert-butyl ether	Ave	4.473	4.540	0.1000	25.4	25.0	1.5	20.0
trans-1,2-Dichloroethene	Ave	1.586	1.446	0.1000	22.8	25.0	-8.8	20.0
Acrylonitrile	Ave	1.081	1.188		275	250	9.9	20.0
Hexane	Ave	2.269	1.780		19.6	25.0	-21.6*	20.0
1,1-Dichloroethane	Ave	2.758	2.608	0.2000	23.6	25.0	-5.4	20.0
Vinyl acetate	Ave	3.221	3.347		52.0	50.0	3.9	20.0
2,2-Dichloropropane	Ave	1.552	1.412		22.7	25.0	-9.0	20.0
cis-1,2-Dichloroethene	Ave	1.680	1.590	0.1000	23.7	25.0	-5.3	20.0
2-Butanone (MEK)	Ave	1.188	1.479	0.1000	156	125	24.5*	20.0
Chlorobromomethane	Ave	0.9065	1.023		28.2	25.0	12.9	20.0
Tetrahydrofuran	Ave	0.8320	0.9860		59.3	50.0	18.5	20.0
Chloroform	Ave	2.574	2.798	0.2000	27.2	25.0	8.7	20.0
1,1,1-Trichloroethane	Ave	2.225	2.266	0.1000	25.5	25.0	1.8	20.0
Cyclohexane	Ave	2.997	2.530	0.1000	21.1	25.0	-15.6	20.0
Carbon tetrachloride	Ave	1.886	1.973	0.1000	26.2	25.0	4.6	20.0
1,1-Dichloropropene	Ave	1.869	1.660		22.2	25.0	-11.2	20.0
Benzene	Ave	5.590	5.075	0.5000	22.7	25.0	-9.2	20.0
Isobutyl alcohol	Ave	0.1049	0.1829		1090	625	74.3*	50.0
1,2-Dichloroethane	Ave	1.994	2.296	0.1000	28.8	25.0	15.2	20.0
n-Heptane	Ave	2.803	2.050		18.3	25.0	-26.9*	20.0
Trichloroethene	Ave	1.366	1.419	0.2000	26.0	25.0	3.9	20.0

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191984-1
 SDG No.: _____
 Matrix: Water Level: Low
 GC Column (1): RXI-5Sil MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPHd14 #
LPZ-12S	480-191984-1	64	49	76	86	100	88
LPZ-03S	480-191984-2	65	50	80	98	95	83
	MB 480-603915/1-A	71	52	82	93	84	103
	LCS 480-603915/2-A	68	53	86	96	129 S1+	102
	LCSD 480-603915/3-A	63	48	80	96	138 S1+	102

	<u>QC LIMITS</u>
2FP = 2-Fluorophenol	35-120
PHL = Phenol-d5	22-120
NBZ = Nitrobenzene-d5	46-120
FBP = 2-Fluorobiphenyl	48-120
TBP = 2,4,6-Tribromophenol	41-120
TPHd14 = p-Terphenyl-d14	60-148

Column to be used to flag recovery values

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Buffalo

Job No.: 480-191984-1

SDG No.: _____

Matrix: Water Level: Low

Lab File ID: Y02826548.D

Lab ID: LCSD 480-603915/3-A

Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Biphenyl	32.0	29.2	91	0	20	59-120	
bis (2-chloroisopropyl) ether	32.0	15.9	50	32	24	21-136	*1
2,4,5-Trichlorophenol	32.0	35.8	112	5	18	65-126	
2,4,6-Trichlorophenol	32.0	30.0	94	0	19	64-120	
2,4-Dichlorophenol	32.0	32.7	102	4	19	63-120	
2,4-Dimethylphenol	32.0	29.7	93	4	42	47-120	
2,4-Dinitrophenol	64.0	64.1	100	1	22	31-137	
2,4-Dinitrotoluene	32.0	33.7	105	3	20	69-120	
2,6-Dinitrotoluene	32.0	33.4	105	0	15	68-120	
2-Chloronaphthalene	32.0	30.0	94	2	21	58-120	
2-Chlorophenol	32.0	27.1	85	0	25	48-120	
2-Methylnaphthalene	32.0	30.8	96	4	21	59-120	
2-Methylphenol	32.0	25.0	78	8	27	39-120	
2-Nitroaniline	32.0	24.5	77	9	15	54-127	
2-Nitrophenol	32.0	31.8	99	4	18	52-125	
3,3'-Dichlorobenzidine	64.0	59.7	93	3	25	49-135	
3-Nitroaniline	32.0	28.5	89	2	19	51-120	
4,6-Dinitro-2-methylphenol	64.0	74.9	117	2	15	46-136	
4-Bromophenyl phenyl ether	32.0	36.3	113	3	15	65-120	
4-Chloro-3-methylphenol	32.0	31.5	98	1	27	61-123	
4-Chloroaniline	32.0	28.1	88	1	22	30-120	
4-Chlorophenyl phenyl ether	32.0	33.3	104	5	16	62-120	
4-Methylphenol	32.0	24.9	78	5	24	29-131	
4-Nitroaniline	32.0	31.7	99	4	24	65-120	
4-Nitrophenol	64.0	45.1	71	7	48	45-120	
Acenaphthene	32.0	29.7	93	3	24	60-120	
Acenaphthylene	32.0	30.6	95	2	18	63-120	
Acetophenone	32.0	28.8	90	7	20	45-120	
Anthracene	32.0	33.1	104	3	15	67-120	
Atrazine	64.0	76.4	119	6	20	71-130	
Benzaldehyde	64.0	47.2	74	14	20	10-140	
Benzo (a) anthracene	32.0	31.4	98	1	15	70-121	
Benzo (a) pyrene	32.0	31.4	98	2	15	60-123	
Benzo (b) fluoranthene	32.0	31.7	99	3	15	66-126	
Benzo (g, h, i) perylene	32.0	34.4	107	5	15	66-150	
Benzo (k) fluoranthene	32.0	31.4	98	3	22	65-124	
Bis (2-chloroethoxy) methane	32.0	28.4	89	6	17	50-128	
Bis (2-chloroethyl) ether	32.0	24.6	77	12	21	44-120	
Bis (2-ethylhexyl) phthalate	32.0	28.9	90	0	15	63-139	
Butyl benzyl phthalate	32.0	29.0	91	4	16	70-129	
Caprolactam	64.0	25.4	40	4	20	22-120	
Carbazole	32.0	32.3	101	2	20	66-123	

Column to be used to flag recovery and RPD values

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191984-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 480-603925/2-A
 Instrument ID (1): HP6890-25 Instrument ID (2): HP6890-25
 Date Analyzed (1): 11/09/2021 09:42 Date Analyzed (2): 11/09/2021 09:42
 GC Column (1): RTX-CLPI ID: 0.53 (mm) GC Column (2): RTX-CLPII ID: 0.53 (mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.99	2.96	3.02	0.332		8.0
	2		3.56	3.54	3.60	0.360		
gamma-BHC (Lindane)	1		3.25	3.22	3.28	0.363		5.5
	2		3.92	3.90	3.96	0.384		
beta-BHC	1		3.32	3.29	3.35	0.391		0.3
	2		3.99	3.97	4.03	0.389		
delta-BHC	1		3.48	3.45	3.51	0.290		6.5
	2		4.31	4.29	4.35	0.309		
Heptachlor	1		3.66	3.64	3.70	0.338		8.7
	2		4.40	4.37	4.43	0.369		
Aldrin	1		3.95	3.92	3.98	0.328		11.4
	2		4.75	4.73	4.79	0.368		
Heptachlor epoxide	1		4.54	4.52	4.58	0.399		1.5
	2		5.36	5.33	5.39	0.405		
trans-Chlordane	1		4.67	4.64	4.70	0.375		12.1
	2		5.56	5.53	5.59	0.332		
cis-Chlordane	1		4.80	4.78	4.84	0.327		19.4
	2		5.71	5.69	5.75	0.397		
4,4'-DDE	1		4.88	4.85	4.91	0.358		11.3
	2		5.87	5.84	5.90	0.401		
Endosulfan I	1		4.94	4.92	4.98	0.314		25.8
	2		5.78	5.76	5.82	0.407		
Dieldrin	1		5.19	5.16	5.22	0.397		0.3
	2		6.07	6.04	6.10	0.398		
Endrin	1		5.42	5.40	5.46	0.426		3.9
	2		6.39	6.36	6.42	0.409		
4,4'-DDD	1		5.49	5.47	5.53	0.413		0.8
	2		6.47	6.45	6.51	0.416		
Endosulfan II	1		5.65	5.63	5.69	0.406		0.3
	2		6.60	6.58	6.64	0.407		
4,4'-DDT	1		5.78	5.75	5.81	0.329		5.4
	2		6.80	6.77	6.83	0.347		
Endrin aldehyde	1		6.08	6.06	6.12	0.187		38.0
	2		6.95	6.92	6.98	0.275		
Methoxychlor	1		6.27	6.25	6.31	0.283		40.6
	2		7.48	7.46	7.52	0.428		
Endosulfan sulfate	1		6.52	6.50	6.56	0.263		30.6
	2		7.23	7.21	7.27	0.358		
Endrin ketone	1		6.81	6.78	6.84	0.427		10.3
	2		7.79	7.76	7.82	0.385		

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191984-1
 SDG No.: _____
 Lab Sample ID: ICV 480-581108/25 Calibration Date: 05/15/2021 00:19
 Instrument ID: HP6890-7 Calib Start Date: 05/14/2021 23:31
 GC Column: ZB-5 ID: 0.53 (mm) Calib End Date: 05/15/2021 00:03
 Lab File ID: 7_97-037.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Lin1		0.0161		0.516	0.500	3.2	20.0
PCB-1242 Peak 2	Lin1		0.0194		0.495	0.500	-0.9	20.0
PCB-1242 Peak 3	Lin2		0.0504		0.511	0.500	2.2	20.0
PCB-1242 Peak 4	Lin1		0.0279		0.502	0.500	0.4	20.0
PCB-1242 Peak 5	Lin1		0.0214		0.510	0.500	2.1	20.0
PCB-1268 Peak 1	Lin2		0.1575		0.530	0.500	5.9	20.0
PCB-1268 Peak 2	Lin2		0.1399		0.516	0.500	3.1	20.0
PCB-1268 Peak 3	Lin2		0.1355		0.564	0.500	12.9	20.0
PCB-1268 Peak 4	Lin1		0.0373		0.354	0.500	-29.3*	20.0
PCB-1268 Peak 5	Ave	0.4023	0.3707		0.461	0.500	-7.8	20.0

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191984-1
 SDG No.: _____
 Lab Sample ID: ICV 480-581108/25 Calibration Date: 05/15/2021 00:19
 Instrument ID: HP6890-7 Calib Start Date: 05/14/2021 23:31
 GC Column: ZB-35 ID: 0.53 (mm) Calib End Date: 05/15/2021 00:03
 Lab File ID: 7_97-037.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Lin1		0.0155		0.532	0.500	6.3	20.0
PCB-1242 Peak 2	Lin1		0.0324		0.501	0.500	0.3	20.0
PCB-1242 Peak 3	Lin2		0.0457		0.501	0.500	0.1	20.0
PCB-1242 Peak 4	Lin2		0.0279		0.490	0.500	-1.9	20.0
PCB-1242 Peak 5	Lin2		0.0275		0.492	0.500	-1.7	20.0
PCB-1268 Peak 1	Lin2		0.1635		0.525	0.500	5.1	20.0
PCB-1268 Peak 2	Lin2		0.1509		0.514	0.500	2.7	20.0
PCB-1268 Peak 3	Lin2		0.1447		0.568	0.500	13.7	20.0
PCB-1268 Peak 4	Lin2		0.0378		0.353	0.500	-29.3*	20.0
PCB-1268 Peak 5	Lin2		0.3941		0.474	0.500	-5.3	20.0

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins TestAmerica, Buffalo

Job No.: 480-191984-1

SDG No.: _____

ICV Source: MEI_10_CCVL_00404

Concentration Units: mg/L

CCV Source: MEI_10_CCVL_00404

Analyte	ICVL 480-604425/7 11/10/2021 14:09				CCVL 480-604425/19 11/10/2021 19:16				CCVL 480-604425/25 11/10/2021 20:01			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	0.170	J	0.200	85	0.197	J	0.200	99	0.207		0.200	103
Antimony	0.0185	J	0.0200	93	0.0192	J	0.0200	96	0.0173	J	0.0200	86
Arsenic	0.0114	J	0.0150	76	0.0118	J	0.0150	79	0.0115	J	0.0150	76
Barium	0.00207		0.00200	104	0.00203		0.00200	102	0.00203		0.00200	102
Beryllium	0.00216		0.00200	108	0.00224		0.00200	112	0.00213		0.00200	107
Cadmium	0.00192	J	0.00200	96	0.00204		0.00200	102	0.00206		0.00200	103
Calcium	0.495	J	0.500	99	0.506		0.500	101	0.503		0.500	101
Chromium	0.00398	J	0.00400	100	0.00403		0.00400	101	0.00400		0.00400	100
Cobalt	0.00370	J	0.00400	93	0.00380	J	0.00400	95	0.00370	J	0.00400	93
Copper	0.0103		0.0100	103	0.00878	J	0.0100	88	0.00871	J	0.0100	87
Iron	0.0457	J	0.0500	91	0.0461	J	0.0500	92	0.0467	J	0.0500	93
Lead	0.0101		0.0100	101	0.00956	J	0.0100	96	0.0102		0.0100	102
Magnesium	0.189	J	0.200	95	0.185	J	0.200	92	0.188	J	0.200	94
Manganese	0.00305		0.00300	102	0.00307		0.00300	102	0.00299	J	0.00300	100
Nickel	0.00924	J	0.0100	92	0.00930	J	0.0100	93	0.00917	J	0.0100	92
Potassium	0.454	J	0.500	91	0.452	J	0.500	90	0.461	J	0.500	92
Selenium	0.0230	J	0.0250	92	0.0213	J	0.0250	85	0.0219	J	0.0250	88
Silver	0.00587	J	0.00600	98	0.00585	J	0.00600	98	0.00576	J	0.00600	96
Sodium	0.971	J	1.01	96	0.984	J	1.01	98	0.973	J	1.01	97
Thallium	0.0195	J	0.0200	97	0.0206		0.0200	103	0.0220		0.0200	110
Vanadium	0.00504		0.00500	101	0.00531		0.00500	106	0.00556		0.00500	111
Zinc	0.00892	J	0.0100	89	0.00906	J	0.0100	91	0.00924	J	0.0100	92

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191984-1

SDG No.: _____

ICV Source: MEI_10_CCVL_00404 Concentration Units: mg/L

CCV Source: MEI_10_CCVL_00404

Analyte	CCVL 480-604425/37 11/10/2021 20:45				CCVL 480-604425/49 11/10/2021 21:30				CCVL 480-604425/58 11/10/2021 22:14			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	0.249		0.200	124	0.221		0.200	111	0.184	J	0.200	92
Antimony	0.0174	J	0.0200	87	0.0179	J	0.0200	89	0.0167	J	0.0200	84
Arsenic					0.0132	J	0.0150	88	0.0115	J	0.0150	76
Barium	0.00201		0.00200	101	0.00198	J	0.00200	99	0.00201		0.00200	101
Beryllium	0.00206		0.00200	103	0.00220		0.00200	110	0.00207		0.00200	104
Cadmium	0.00209		0.00200	105	0.00208		0.00200	104	0.00203		0.00200	102
Calcium	0.499	J	0.500	100	0.511		0.500	102	0.502		0.500	100
Chromium	0.00387	J	0.00400	97	0.00438		0.00400	110	0.00393	J	0.00400	98
Cobalt	0.00373	J	0.00400	93	0.00373	J	0.00400	93	0.00359	J	0.00400	90
Copper	0.00889	J	0.0100	89	0.00879	J	0.0100	88	0.00911	J	0.0100	91
Iron	0.0485	J	0.0500	97	0.0462	J	0.0500	92	0.0460	J	0.0500	92
Lead	0.00997	J	0.0100	100	0.0100		0.0100	100	0.0103		0.0100	103
Magnesium	0.182	J	0.200	91	0.177	J	0.200	89	0.188	J	0.200	94
Manganese	0.00301		0.00300	100	0.00312		0.00300	104	0.00302		0.00300	101
Nickel	0.00940	J	0.0100	94	0.00894	J	0.0100	89	0.00920	J	0.0100	92
Potassium	0.468	J	0.500	94	0.429	J	0.500	86	0.417	J	0.500	83
Selenium	0.0237	J	0.0250	95	0.0263		0.0250	105	0.0217	J	0.0250	87
Silver	0.00570	J	0.00600	95	0.00499	J	0.00600	83	0.00571	J	0.00600	95
Sodium	1.01		1.01	100	1.01		1.01	100	0.982	J	1.01	98
Thallium	0.0192	J	0.0200	96	0.0203		0.0200	101	0.0196	J	0.0200	98
Vanadium	0.00518		0.00500	104	0.00561		0.00500	112	0.00503		0.00500	101
Zinc	0.00873	J	0.0100	87	0.00947	J	0.0100	95	0.00881	J	0.0100	88

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

LPZ-14S & LPZ-15S

Data Usability Summary Report

Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

Nash Rd. LF #932054
Eurofins SDG#480-191099-1
February 22, 2022
Reissued: March 3, 2022
Sampling date: 10/19/2021

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

Nash Rd. LF #932054
SDG# 480-191099-1

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package(reissued; March 3, 2022) for LiRo Engineers, project located at Nash Rd. LF #932054, Eurofins SDG#480-191099-1 submitted to Vali-Data of WNY, LLC on December 8, 2021. This DUSR has been prepared in general compliance with USEPA National Functional Guidelines(NFG), NYSDEC; 'Guidelines for Sampling and Analysis of PFAS'(6/2021) and NYSDEC Analytical Services Protocols. The laboratory performed the analyses using USEPA method Volatile Organics (8260C), Semi-Volatile Organics (8270D), Pesticides (8081B), PCB (8082A), Perfluorinated Hydrocarbons (537 modified) and Inorganics/Mercury (6010C, 7471B).

ID	Sample ID	Laboratory ID
1	LPZ-15S (5-7)	480-191099-1
2	LPZ-14S (2-5)	480-191099-2
3	DRILLING WATER	480-191099-3

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Sample Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Compound Quantitation.

Nash Rd. LF #932054

SDG# 480-191099-1

Soil samples were not collected in accordance with 5035A-L specifications. Target analytes detected in the samples below 200 ug/kg should be qualified as estimated low.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met except several target analytes were detected in DRILLING WATER. Those target analytes were not detected in the samples, so no further action is required.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on some target analytes, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

GC/MS PERFORMANCE CHECK

All criteria were met.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Laboratory Control Samples.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met except the %Rec of Benzo(k)fluoranthene and Caprolactam was outside QC limits, high in LCS 480-601261/2-A and should be qualified as estimated. These target analytes were not detected in the samples, so no further action is required.

The concentration of Benzaldehyde was outside calibration range in LCS 480-601261/2-A and is qualified with an 'E'.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on some target analytes, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

GC/MS PERFORMANCE CHECK

All criteria were met.

PESTICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Laboratory Control Samples.

Sample: LPZ-15S (5-7) was diluted due to sample matrix.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the samples were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

The %Rec of some surrogates were outside laboratory QC limits but within NFG QC limits, so no further action is required.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met except the RPD of cis-Chlordane, Dieldrin, Endosulfan sulfate, Endrin ketone and trans-Chlordane was outside QC limits between LCS 480-601354/2-A and LCSD 480-601354/3-A and should be qualified as estimated. These target analytes should be qualified as estimated in the samples.

The RPD of 4,4'-DDT and Methoxychlor was outside QC limits between the columns in LCS 480-601354/2-A and should be qualified as estimated.

Some target analytes were outside laboratory control sample or laboratory control sample duplicate but not both, so no further action is required.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used on all target analytes and surrogates, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

Some target analytes were outside QC limits on the confirmatory column, so no further action is required.

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

PCB

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
-

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below Surrogate Spike Recoveries, MS/MSD, Initial Calibration and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of DCBP was outside QC limits, high off column ZB-5 in LCS 480-601469/2-A and LPZ-15S (5-7)MSD and should be qualified as estimated. This was the confirmatory column, so no further action is required.

METHOD BLANK

All the criteria were met.

Nash Rd. LF #932054

SDG# 480-191099-1

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

All the criteria were met except the RPD of Aroclor 1016 and Aroclor 1260 was outside QC limits between LPZ-15S (5-7)MS and LPZ-15S (5-7)MSD and should be qualified as estimated in LPZ-15S (5-7) and LPZ-15S (5-7)MS/MSD.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met except the %D of Aroclor 1268 p 4 was outside QC limits off both columns in ICV 480-581327/30. This target analyte should be qualified as estimated in the blank, spike and samples.

Alternate forms of regression were used on all of the target analytes and surrogates, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of Aroclor 1268 p. 1, 3, 4 off column ZB-35 was outside QC limits in CCV 480-601892/8. The %D of DCBP off column ZB-5 was outside QC limits in CCV 480-601892/31. This target analyte and surrogate should be qualified as estimated in the blank, spike and samples off the associated column.

Some target analytes were outside laboratory QC limits but were within NFG QC limits, so no further action is required.

Some target analytes were outside QC limits on the confirmatory column, so no further action is required.

PFAS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS)
- Surrogate Recoveries
- Blanks
- Field Duplicate Sample Precision

Nash Rd. LF #932054

SDG# 480-191099-1

- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Surrogate Recoveries, Blanks and Compound Quantitation.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE RECOVERIES

All criteria were met except the %Rec of all of the surrogates except 13C4PFBA, 13C5PFPeA, M2-6:2FTS and M2-8:2FTS were outside QC limits in DRILLING WATER and should be qualified as estimated. The associated non-conforming target analytes should be qualified as estimated in this sample.

BLANKS

All the criteria were met except NMeFOSAA and NEtFOSAA were detected above the MDL, below the reporting limit and are qualified as estimated in ICB 320-536933/10. NMeFOSAA was detected above the MDL, below the reporting limit and is qualified as estimated in ICB 320-536954/9. These target analytes were not detected in the samples, so no further action is required.

NEtFOSAA was detected above the MDL, below the reporting limit and is qualified as estimated in ICB 320-536954/9. This target analyte should be qualified as estimated high in LPZ-15S (5-7).

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

All criteria were met.

COMPOUND QUANTITATION

All the criteria were met except several target analytes and were detected in DRILLING WATER. These target analytes should be qualified in the associated samples.

ID	Target Analyte	Concentration(ng/L)	Qualifier	Associated Sample
3	PFPeA	1.6	U at RL	None
3	PFHxA	1.8	U at RL	none
3	PFHxS	.90	U at RL	2
3	PFOA	1.6	JH	2

INITIAL CALIBRATION

All criteria were met.

CONTINUING CALIBRATION

All criteria were met.

METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Blanks
- Laboratory Control Sample
- MS/MSD/Duplicate
- Field Duplicate
- Serial Dilution
- Compound Quantitation
- Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the

Nash Rd. LF #932054

SDG# 480-191099-1

procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Blanks and Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

BLANKS

All criteria were met except several target analytes were outside QC limits above the MDL, but below the reporting limits. These target analytes should be qualified as undetected at the reporting limit in associated samples in which they were detected above the MDL, and below the reporting limit. These target analytes should be qualified as estimated high in the associated samples in which they were detected above the reporting limit.

Blank ID	Target analyte	Concentration	Qualifier	Associated Sample
MB 480-601859	Mn	.0650mg/kg	JH	1, 2
CCB 480-602425/19	Fe	.0199mg/L	JH	1, 2
CCB 480-602425/19	Zn	.00187mg/L	JH	1, 2

LABORATORY CONTROL SAMPLE

All criteria were met.

MS/MSD/DUPLICATE

No MS/MSD/Duplicate was acquired for this analysis.

FIELD DUPLICATE

No field duplicate was acquired.

SERIAL DILUTION

No serial dilution was performed.

COMPOUND QUANTITATION

All criteria were met.

CALIBRATION

All criteria were met except the %D of some target analytes was outside QC limits. These target analytes should be qualified as estimated in the associated samples, blanks and spikes.

Calibration ID	Target Analyte	%D	Qualifier	Associated Sample
ICVL 480-602425/7	As	85	UJ/J	MB/LCS 480-601859, 1, 2
ICVL 480-602425/7	Se	79	UJ/J	MB/LCS 480-601859, 1, 2
ICVL 480-602425/7	Ba	111	JH	LCS 480-601859, 1, 2
CCVL 480-602425/20	Al	84	UJ/J	MB/LCS 480-601859
CCVL 480-602425/20	Se	83	UJ/J	MB/LCS 480-601859
CCVL 480-602425/20	Fe	113	JH	LCS 480-601859
CCVL 480-602425/20	Mn	111	JH	MB/LCS 480-601859
CCVL 480-602425/31	Se	80	UJ/J	MB/LCS 480-601859, 1, 2
CCVL 480-602425/31	Ag	79	UJ/J	MB/LCS 480-601859, 1, 2
CCVL 480-602425/31	Al	116	JH	LCS 480-601859, 1, 2
CCVL 480-602425/31	Be	113	JH	LCS 480-601859, 1, 2
CCVL 480-602425/31	Cd	119	JH	LCS 480-601859, 1, 2
CCVL 480-602425/31	Fe	118	JH	LCS 480-601859, 1, 2
CCVL 480-602425/31	Tl	112	JH	LCS 480-601859
CCVL 480-602425/43	Ni	89	UJ/J	1, 2
CCVL 480-602425/43	Se	78	UJ/J	1, 2
CCVL 480-602425/43	Ag	85	UJ/J	1, 2
CCVL 480-602425/43	Al	113	JH	1, 2
CCVL 480-602425/43	Be	112	JH	1, 2
CCVL 480-602425/43	Cd	111	JH	1, 2
CCVL 480-602425/43	Sb	114	JH	2
CCVL 480-602425/43	Fe	116	JH	1, 2
CCVL 480-602425/43	Zn	112	JH	1, 2

**Job Narrative
480-191099-1**

Revision (1)

This report has been revised to remove data for sample LPZ-14S (2-5') (480-191099-2) for TCLP mercury and SPLP PFCs. These tests were not requested on the chain of custody but were logged and inadvertently not cancelled.

Receipt

The samples were received on 10/19/2021 3:25 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 4.2° C.

GC/MS VOA

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-601311 recovered above the upper control limit for Carbon tetrachloride. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported. The associated samples are impacted: LPZ-15S (5-7') (480-191099-1) and LPZ-14S (2-5') (480-191099-2).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA

Method 8270D: The following compound has been spiked at a level above the upper range of the initial calibration: Benzaldehyde. The laboratory control sample (LCS) and/or laboratory control sample duplicate (LCSD) associated with preparation batch 480-601261 and analytical batch 480-601644 recovered within acceptable limits for this analyte and has been qualified with an "E" flag. (LCS 480-601261/2-A)

Method 8270D: The laboratory control sample (LCS) for preparation batch 480-601261 and analytical batch 480-601459 recovered outside control limits for the following analytes: Benzo[k]fluoranthene and Caprolactam. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

Method 8081B: The laboratory control sample duplicate (LCSD) for preparation batch 480-601354 and analytical batch 480-601429 recovered outside control limits for the following analytes. 4,4'-DDT, Endosulfan II and Methoxychlor. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8081B: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 480-601354 and analytical batch 480-601429 recovered outside control limits for several analytes.

Method 8082A: The continuing calibration verification (CCV) associated with batch 480-601892 recovered above the upper control limit for Aroclor 1268. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: LPZ-15S (5-7') (480-191099-1) and LPZ-14S (2-5') (480-191099-2).

Method 8081B: The following sample was diluted due to the nature of the sample matrix: LPZ-15S (5-7') (480-191099-1). As such, surrogate recoveries are below the calibration range, estimated and not representative. Elevated reporting limits (RLs) are provided.

Method 8081B: The laboratory control sample duplicate (LCSD) for preparation batch 480-601354 and analytical batch 480-601811 recovered outside control limits for the following analytes: 4,4'-DDT, Endosulfan II and Methoxychlor. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8081B: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 480-601354 and analytical batch 480-601811 recovered outside control limits for several analytes..

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

LCMS

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

Method 3535: The following sample contained a thin layer of sediment at the bottom of the bottle prior to extraction: DRILLING WATER (480-191099-3).

Method 3535: During the solid phase extraction process, the following sample contain non-settable particulates which clogged the solid phase extraction column: DRILLING WATER (480-191099-3).

Method SHAKE: The following samples came in 250 mL Poly Bottles: LPZ-15S (5-7') (480-191099-1), LPZ-14S (2-5') (480-191099-2),

(480-191099-A-2 MS) and (480-191099-A-2 MSD).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191099-1

Client Sample ID: LPZ-15S (5-7)

Lab Sample ID: 480-191099-1

Date Collected: 10/19/21 09:00

Matrix: Solid

Date Received: 10/19/21 15:25

Percent Solids: 81.2

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	6.0	0.43	ug/Kg	☼	10/20/21 16:50	10/20/21 23:37	1
1,1,2,2-Tetrachloroethane	ND	vs	6.0	0.97	ug/Kg	☼	10/20/21 16:50	10/20/21 23:37	1
1,1,2-Trichloroethane	ND	vs	6.0	0.78	ug/Kg	☼	10/20/21 16:50	10/20/21 23:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	6.0	1.4	ug/Kg	☼	10/20/21 16:50	10/20/21 23:37	1
1,1-Dichloroethane	ND	vs	6.0	0.73	ug/Kg	☼	10/20/21 16:50	10/20/21 23:37	1
1,1-Dichloroethene	ND	vs	6.0	0.73	ug/Kg	☼	10/20/21 16:50	10/20/21 23:37	1
1,2,4-Trichlorobenzene	ND	vs	6.0	0.36	ug/Kg	☼	10/20/21 16:50	10/20/21 23:37	1
1,2-Dibromo-3-Chloropropane	ND	vs	6.0	3.0	ug/Kg	☼	10/20/21 16:50	10/20/21 23:37	1
1,2-Dibromoethane	ND	vs	6.0	0.77	ug/Kg	☼	10/20/21 16:50	10/20/21 23:37	1
1,2-Dichlorobenzene	ND	vs	6.0	0.47	ug/Kg	☼	10/20/21 16:50	10/20/21 23:37	1
1,2-Dichloroethane	ND	vs	6.0	0.30	ug/Kg	☼	10/20/21 16:50	10/20/21 23:37	1
1,2-Dichloropropane	ND	vs	6.0	3.0	ug/Kg	☼	10/20/21 16:50	10/20/21 23:37	1
1,3-Dichlorobenzene	ND	vs	6.0	0.31	ug/Kg	☼	10/20/21 16:50	10/20/21 23:37	1
1,4-Dichlorobenzene	0.85	J vs	6.0	0.84	ug/Kg	☼	10/20/21 16:50	10/20/21 23:37	1
2-Hexanone	ND	vs	30	3.0	ug/Kg	☼	10/20/21 16:50	10/20/21 23:37	1
2-Butanone (MEK)	ND	vs	30	2.2	ug/Kg	☼	10/20/21 16:50	10/20/21 23:37	1
4-Methyl-2-pentanone (MIBK)	ND	vs	30	2.0	ug/Kg	☼	10/20/21 16:50	10/20/21 23:37	1
Acetone	13	J vs	30	5.0	ug/Kg	☼	10/20/21 16:50	10/20/21 23:37	1
Benzene	ND	vs	6.0	0.29	ug/Kg	☼	10/20/21 16:50	10/20/21 23:37	1
Bromodichloromethane	ND	vs	6.0	0.80	ug/Kg	☼	10/20/21 16:50	10/20/21 23:37	1
Bromoform	ND	vs	6.0	3.0	ug/Kg	☼	10/20/21 16:50	10/20/21 23:37	1
Bromomethane	ND	vs	6.0	0.54	ug/Kg	☼	10/20/21 16:50	10/20/21 23:37	1
Carbon disulfide	ND	vs	6.0	3.0	ug/Kg	☼	10/20/21 16:50	10/20/21 23:37	1
Carbon tetrachloride	ND	vs	6.0	0.58	ug/Kg	☼	10/20/21 16:50	10/20/21 23:37	1
Chlorobenzene	1.9	J vs	6.0	0.79	ug/Kg	☼	10/20/21 16:50	10/20/21 23:37	1
Dibromochloromethane	ND	vs	6.0	0.76	ug/Kg	☼	10/20/21 16:50	10/20/21 23:37	1
Chloroethane	ND	vs	6.0	1.3	ug/Kg	☼	10/20/21 16:50	10/20/21 23:37	1
Chloroform	ND	vs	6.0	0.37	ug/Kg	☼	10/20/21 16:50	10/20/21 23:37	1
Chloromethane	ND	vs	6.0	0.36	ug/Kg	☼	10/20/21 16:50	10/20/21 23:37	1
cis-1,2-Dichloroethene	ND	vs	6.0	0.76	ug/Kg	☼	10/20/21 16:50	10/20/21 23:37	1
cis-1,3-Dichloropropene	ND	vs	6.0	0.86	ug/Kg	☼	10/20/21 16:50	10/20/21 23:37	1
Cyclohexane	ND	vs	6.0	0.84	ug/Kg	☼	10/20/21 16:50	10/20/21 23:37	1
Dichlorodifluoromethane	ND	vs	6.0	0.49	ug/Kg	☼	10/20/21 16:50	10/20/21 23:37	1
Ethylbenzene	ND	vs	6.0	0.41	ug/Kg	☼	10/20/21 16:50	10/20/21 23:37	1
Isopropylbenzene	ND	vs	6.0	0.90	ug/Kg	☼	10/20/21 16:50	10/20/21 23:37	1
Methyl acetate	ND	vs	30	3.6	ug/Kg	☼	10/20/21 16:50	10/20/21 23:37	1
Methyl tert-butyl ether	ND	vs	6.0	0.59	ug/Kg	☼	10/20/21 16:50	10/20/21 23:37	1
Methylcyclohexane	ND	vs	6.0	0.91	ug/Kg	☼	10/20/21 16:50	10/20/21 23:37	1
Methylene Chloride	ND	vs	6.0	2.7	ug/Kg	☼	10/20/21 16:50	10/20/21 23:37	1
Styrene	ND	vs	6.0	0.30	ug/Kg	☼	10/20/21 16:50	10/20/21 23:37	1
Tetrachloroethene	ND	vs	6.0	0.80	ug/Kg	☼	10/20/21 16:50	10/20/21 23:37	1
Toluene	ND	vs	6.0	0.45	ug/Kg	☼	10/20/21 16:50	10/20/21 23:37	1
trans-1,2-Dichloroethene	ND	vs	6.0	0.62	ug/Kg	☼	10/20/21 16:50	10/20/21 23:37	1
trans-1,3-Dichloropropene	ND	vs	6.0	2.6	ug/Kg	☼	10/20/21 16:50	10/20/21 23:37	1
Trichloroethene	ND	vs	6.0	1.3	ug/Kg	☼	10/20/21 16:50	10/20/21 23:37	1
Trichlorofluoromethane	ND	vs	6.0	0.56	ug/Kg	☼	10/20/21 16:50	10/20/21 23:37	1
Vinyl chloride	ND	vs	6.0	0.73	ug/Kg	☼	10/20/21 16:50	10/20/21 23:37	1
Xylenes, Total	ND	vs	12	1.0	ug/Kg	☼	10/20/21 16:50	10/20/21 23:37	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191099-1

Client Sample ID: LPZ-15S (5-7)

Lab Sample ID: 480-191099-1

Date Collected: 10/19/21 09:00

Matrix: Solid

Date Received: 10/19/21 15:25

Percent Solids: 81.2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		64 - 126	10/20/21 16:50	10/20/21 23:37	1
Toluene-d8 (Surr)	98		71 - 125	10/20/21 16:50	10/20/21 23:37	1
4-Bromofluorobenzene (Surr)	94		72 - 126	10/20/21 16:50	10/20/21 23:37	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		210	31	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
bis (2-chloroisopropyl) ether	ND		210	41	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
2,4,5-Trichlorophenol	ND		210	56	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
2,4,6-Trichlorophenol	ND		210	41	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
2,4-Dichlorophenol	ND		210	22	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
2,4-Dimethylphenol	ND		210	50	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
2,4-Dinitrophenol	ND		2000	960	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
2,4-Dinitrotoluene	ND		210	43	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
2,6-Dinitrotoluene	ND		210	24	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
2-Chloronaphthalene	ND		210	34	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
2-Chlorophenol	ND		400	38	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
2-Methylnaphthalene	ND		210	41	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
2-Methylphenol	ND		210	24	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
2-Nitroaniline	ND		400	31	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
2-Nitrophenol	ND		210	59	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
3,3'-Dichlorobenzidine	ND		400	240	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
3-Nitroaniline	ND		400	57	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
4,6-Dinitro-2-methylphenol	ND		400	210	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
4-Bromophenyl phenyl ether	ND		210	29	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
4-Chloro-3-methylphenol	ND		210	51	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
4-Chloroaniline	ND		210	51	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
4-Chlorophenyl phenyl ether	ND		210	26	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
4-Methylphenol	ND		400	24	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
4-Nitroaniline	ND		400	110	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
4-Nitrophenol	ND		400	150	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
Acenaphthene	ND		210	31	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
Acenaphthylene	ND		210	27	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
Acetophenone	ND		210	28	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
Anthracene	ND		210	51	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
Atrazine	ND		210	72	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
Benzaldehyde	ND		210	160	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
Benzo(a)anthracene	ND		210	21	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
Benzo(a)pyrene	ND		210	31	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
Benzo(b)fluoranthene	ND		210	33	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
Benzo(g,h,i)perylene	ND		210	22	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
Benzo(k)fluoranthene	ND	*+	210	27	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
Bis(2-chloroethoxy)methane	ND		210	44	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
Bis(2-chloroethyl)ether	ND		210	27	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
Bis(2-ethylhexyl) phthalate	94	J	210	71	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
Butyl benzyl phthalate	ND		210	34	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
Caprolactam	ND	*+	210	62	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
Carbazole	ND		210	24	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
Chrysene	ND		210	46	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
Di-n-butyl phthalate	ND		210	35	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191099-1

Client Sample ID: LPZ-15S (5-7)

Lab Sample ID: 480-191099-1

Date Collected: 10/19/21 09:00

Matrix: Solid

Date Received: 10/19/21 15:25

Percent Solids: 81.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		210	24	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
Dibenz(a,h)anthracene	ND		210	37	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
Dibenzofuran	ND		210	24	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
Diethyl phthalate	ND		210	27	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
Dimethyl phthalate	ND		210	24	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
Fluoranthene	ND		210	22	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
Fluorene	ND		210	24	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
Hexachlorobenzene	ND		210	28	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
Hexachlorobutadiene	ND		210	31	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
Hexachlorocyclopentadiene	ND		210	28	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
Hexachloroethane	ND		210	27	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
Indeno(1,2,3-cd)pyrene	ND		210	26	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
Isophorone	ND		210	44	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
N-Nitrosodi-n-propylamine	ND		210	35	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
N-Nitrosodiphenylamine	ND		210	170	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
Naphthalene	ND		210	27	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
Nitrobenzene	ND		210	23	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
Pentachlorophenol	ND		400	210	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
Phenanthrene	ND		210	31	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
Phenol	ND		210	32	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1
Pyrene	ND		210	24	ug/Kg	☼	10/20/21 13:55	10/21/21 21:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	95		54 - 120	10/20/21 13:55	10/21/21 21:14	1
2-Fluorobiphenyl	84		60 - 120	10/20/21 13:55	10/21/21 21:14	1
2-Fluorophenol	74		52 - 120	10/20/21 13:55	10/21/21 21:14	1
Nitrobenzene-d5	76		53 - 120	10/20/21 13:55	10/21/21 21:14	1
p-Terphenyl-d14	111		79 - 130	10/20/21 13:55	10/21/21 21:14	1
Phenol-d5	83		54 - 120	10/20/21 13:55	10/21/21 21:14	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		10	2.0	ug/Kg	☼	10/21/21 07:52	10/25/21 11:41	5
4,4'-DDE	ND		10	2.1	ug/Kg	☼	10/21/21 07:52	10/25/21 11:41	5
4,4'-DDT	ND	*+	10	2.4	ug/Kg	☼	10/21/21 07:52	10/25/21 11:41	5
Aldrin	ND		10	2.5	ug/Kg	☼	10/21/21 07:52	10/25/21 11:41	5
alpha-BHC	ND		10	1.8	ug/Kg	☼	10/21/21 07:52	10/25/21 11:41	5
cis-Chlordane	ND	*1	10	5.0	ug/Kg	☼	10/21/21 07:52	10/25/21 11:41	5
beta-BHC	ND		10	1.8	ug/Kg	☼	10/21/21 07:52	10/25/21 11:41	5
delta-BHC	ND		10	1.9	ug/Kg	☼	10/21/21 07:52	10/25/21 11:41	5
Dieldrin	ND	*1	10	2.4	ug/Kg	☼	10/21/21 07:52	10/25/21 11:41	5
Endosulfan I	ND		10	1.9	ug/Kg	☼	10/21/21 07:52	10/25/21 11:41	5
Endosulfan II	ND	*+	10	1.8	ug/Kg	☼	10/21/21 07:52	10/25/21 11:41	5
Endosulfan sulfate	ND	*1	10	1.9	ug/Kg	☼	10/21/21 07:52	10/25/21 11:41	5
Endrin	ND		10	2.0	ug/Kg	☼	10/21/21 07:52	10/25/21 11:41	5
Endrin aldehyde	ND		10	2.6	ug/Kg	☼	10/21/21 07:52	10/25/21 11:41	5
Endrin ketone	ND	*1	10	2.5	ug/Kg	☼	10/21/21 07:52	10/25/21 11:41	5
gamma-BHC (Lindane)	ND		10	1.9	ug/Kg	☼	10/21/21 07:52	10/25/21 11:41	5
trans-Chlordane	ND	*1	10	3.2	ug/Kg	☼	10/21/21 07:52	10/25/21 11:41	5
Heptachlor	ND		10	2.2	ug/Kg	☼	10/21/21 07:52	10/25/21 11:41	5

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191099-1

Client Sample ID: LPZ-15S (5-7)

Lab Sample ID: 480-191099-1

Date Collected: 10/19/21 09:00

Matrix: Solid

Date Received: 10/19/21 15:25

Percent Solids: 81.2

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		10	2.6	ug/Kg	☼	10/21/21 07:52	10/25/21 11:41	5
Methoxychlor	ND	*+	10	2.1	ug/Kg	☼	10/21/21 07:52	10/25/21 11:41	5
Toxaphene	ND		100	59	ug/Kg	☼	10/21/21 07:52	10/25/21 11:41	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	86		45 - 120	10/21/21 07:52	10/25/21 11:41	5
DCB Decachlorobiphenyl	128	S1+	45 - 120	10/21/21 07:52	10/25/21 11:41	5
Tetrachloro-m-xylene	111		30 - 124	10/21/21 07:52	10/25/21 11:41	5
Tetrachloro-m-xylene	135	S1+	30 - 124	10/21/21 07:52	10/25/21 11:41	5

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.23	0.045	mg/Kg	☼	10/21/21 14:09	10/25/21 16:05	1
PCB-1221	ND		0.23	0.045	mg/Kg	☼	10/21/21 14:09	10/25/21 16:05	1
PCB-1232	ND		0.23	0.045	mg/Kg	☼	10/21/21 14:09	10/25/21 16:05	1
PCB-1242	ND		0.23	0.045	mg/Kg	☼	10/21/21 14:09	10/25/21 16:05	1
PCB-1248	ND		0.23	0.045	mg/Kg	☼	10/21/21 14:09	10/25/21 16:05	1
PCB-1254	ND		0.23	0.11	mg/Kg	☼	10/21/21 14:09	10/25/21 16:05	1
PCB-1260	ND		0.23	0.11	mg/Kg	☼	10/21/21 14:09	10/25/21 16:05	1
PCB-1262	ND		0.23	0.11	mg/Kg	☼	10/21/21 14:09	10/25/21 16:05	1
PCB-1268	ND		0.23	0.11	mg/Kg	☼	10/21/21 14:09	10/25/21 16:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	106		60 - 154	10/21/21 14:09	10/25/21 16:05	1
Tetrachloro-m-xylene	103		60 - 154	10/21/21 14:09	10/25/21 16:05	1
DCB Decachlorobiphenyl	143		65 - 174	10/21/21 14:09	10/25/21 16:05	1
DCB Decachlorobiphenyl	112		65 - 174	10/21/21 14:09	10/25/21 16:05	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.23	0.052	ug/Kg	☼	10/24/21 18:36	10/25/21 22:13	1
Perfluoropentanoic acid (PFPeA)	ND		0.23	0.046	ug/Kg	☼	10/24/21 18:36	10/25/21 22:13	1
Perfluorohexanoic acid (PFHxA)	ND		0.23	0.035	ug/Kg	☼	10/24/21 18:36	10/25/21 22:13	1
Perfluoroheptanoic acid (PFHpA)	ND		0.23	0.043	ug/Kg	☼	10/24/21 18:36	10/25/21 22:13	1
Perfluorooctanoic acid (PFOA)	ND		0.23	0.060	ug/Kg	☼	10/24/21 18:36	10/25/21 22:13	1
Perfluorononanoic acid (PFNA)	ND		0.23	0.025	ug/Kg	☼	10/24/21 18:36	10/25/21 22:13	1
Perfluorodecanoic acid (PFDA)	ND		0.23	0.054	ug/Kg	☼	10/24/21 18:36	10/25/21 22:13	1
Perfluoroundecanoic acid (PFUnA)	ND		0.23	0.047	ug/Kg	☼	10/24/21 18:36	10/25/21 22:13	1
Perfluorododecanoic acid (PFDoA)	ND		0.23	0.034	ug/Kg	☼	10/24/21 18:36	10/25/21 22:13	1
Perfluorotridecanoic acid (PFTriA)	ND		0.23	0.024	ug/Kg	☼	10/24/21 18:36	10/25/21 22:13	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.23	0.042	ug/Kg	☼	10/24/21 18:36	10/25/21 22:13	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.23	0.043	ug/Kg	☼	10/24/21 18:36	10/25/21 22:13	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.23	0.033	ug/Kg	☼	10/24/21 18:36	10/25/21 22:13	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		0.23	0.055	ug/Kg	☼	10/24/21 18:36	10/25/21 22:13	1
Perfluorooctanesulfonic acid (PFOS)	0.48		0.23	0.048	ug/Kg	☼	10/24/21 18:36	10/25/21 22:13	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.23	0.059	ug/Kg	☼	10/24/21 18:36	10/25/21 22:13	1
Perfluorooctanesulfonamide (FOSA)	ND		0.23	0.037	ug/Kg	☼	10/24/21 18:36	10/25/21 22:13	1
NMeFOSAA	ND		0.23	0.026	ug/Kg	☼	10/24/21 18:36	10/25/21 22:13	1
NEtFOSAA	0.81		0.23	0.054	ug/Kg	☼	10/24/21 18:36	10/25/21 22:13	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191099-1

Client Sample ID: LPZ-15S (5-7)

Lab Sample ID: 480-191099-1

Date Collected: 10/19/21 09:00

Matrix: Solid

Date Received: 10/19/21 15:25

Percent Solids: 81.2

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
6:2 FTS	ND		0.23	0.030	ug/Kg	☼	10/24/21 18:36	10/25/21 22:13	1
8:2 FTS	ND		0.23	0.039	ug/Kg	☼	10/24/21 18:36	10/25/21 22:13	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	80		25 - 150				10/24/21 18:36	10/25/21 22:13	1
13C5 PFPeA	101		25 - 150				10/24/21 18:36	10/25/21 22:13	1
13C2 PFHxA	78		25 - 150				10/24/21 18:36	10/25/21 22:13	1
13C4 PFHpA	78		25 - 150				10/24/21 18:36	10/25/21 22:13	1
13C4 PFOA	91		25 - 150				10/24/21 18:36	10/25/21 22:13	1
13C5 PFNA	96		25 - 150				10/24/21 18:36	10/25/21 22:13	1
13C2 PFDA	87		25 - 150				10/24/21 18:36	10/25/21 22:13	1
13C2 PFUnA	81		25 - 150				10/24/21 18:36	10/25/21 22:13	1
13C2 PFDoA	79		25 - 150				10/24/21 18:36	10/25/21 22:13	1
13C2 PFTeDA	88		25 - 150				10/24/21 18:36	10/25/21 22:13	1
13C3 PFBS	83		25 - 150				10/24/21 18:36	10/25/21 22:13	1
18O2 PFHxS	83		25 - 150				10/24/21 18:36	10/25/21 22:13	1
13C4 PFOS	94		25 - 150				10/24/21 18:36	10/25/21 22:13	1
13C8 FOSA	93		25 - 150				10/24/21 18:36	10/25/21 22:13	1
d3-NMeFOSAA	84		25 - 150				10/24/21 18:36	10/25/21 22:13	1
d5-NEtFOSAA	87		25 - 150				10/24/21 18:36	10/25/21 22:13	1
M2-6:2 FTS	108		25 - 150				10/24/21 18:36	10/25/21 22:13	1
M2-8:2 FTS	118		25 - 150				10/24/21 18:36	10/25/21 22:13	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3400		12.4	5.4	mg/Kg	☼	10/26/21 18:15	10/28/21 00:40	1
Antimony	ND		18.6	0.50	mg/Kg	☼	10/26/21 18:15	10/28/21 00:40	1
Arsenic	1.4	J	2.5	0.50	mg/Kg	☼	10/26/21 18:15	11/01/21 17:05	1
Barium	18.6		0.62	0.14	mg/Kg	☼	10/26/21 18:15	10/28/21 00:40	1
Beryllium	0.19	J	0.25	0.035	mg/Kg	☼	10/26/21 18:15	10/28/21 00:40	1
Cadmium	0.25		0.25	0.037	mg/Kg	☼	10/26/21 18:15	10/28/21 00:40	1
Calcium	35100		61.9	4.1	mg/Kg	☼	10/26/21 18:15	10/28/21 00:40	1
Chromium	6.4		0.62	0.25	mg/Kg	☼	10/26/21 18:15	10/28/21 00:40	1
Cobalt	3.2		0.62	0.062	mg/Kg	☼	10/26/21 18:15	10/28/21 00:40	1
Copper	7.9		1.2	0.26	mg/Kg	☼	10/26/21 18:15	10/28/21 00:40	1
Iron	7180		12.4	4.3	mg/Kg	☼	10/26/21 18:15	10/28/21 00:40	1
Lead	6.3		1.2	0.30	mg/Kg	☼	10/26/21 18:15	10/28/21 00:40	1
Magnesium	15800		24.8	1.1	mg/Kg	☼	10/26/21 18:15	10/28/21 00:40	1
Manganese	158	B	0.25	0.040	mg/Kg	☼	10/26/21 18:15	10/28/21 00:40	1
Nickel	6.5		6.2	0.28	mg/Kg	☼	10/26/21 18:15	10/28/21 00:40	1
Potassium	767		37.1	24.8	mg/Kg	☼	10/26/21 18:15	10/28/21 00:40	1
Selenium	ND		5.0	0.50	mg/Kg	☼	10/26/21 18:15	10/28/21 00:40	1
Silver	ND		0.74	0.25	mg/Kg	☼	10/26/21 18:15	10/28/21 00:40	1
Sodium	158	J	173	16.1	mg/Kg	☼	10/26/21 18:15	10/28/21 00:40	1
Thallium	ND		7.4	0.37	mg/Kg	☼	10/26/21 18:15	10/28/21 00:40	1
Vanadium	12.7		0.62	0.14	mg/Kg	☼	10/26/21 18:15	10/28/21 00:40	1
Zinc	37.9		2.5	0.79	mg/Kg	☼	10/26/21 18:15	10/28/21 00:40	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.012	J	0.019	0.0043	mg/Kg	☼	10/26/21 17:19	10/26/21 18:48	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191099-1

Client Sample ID: LPZ-14S (2-5)

Lab Sample ID: 480-191099-2

Date Collected: 10/19/21 11:45

Matrix: Solid

Date Received: 10/19/21 15:25

Percent Solids: 84.4

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.9	0.43	ug/Kg	☼	10/20/21 16:50	10/21/21 00:01	1
1,1,2,2-Tetrachloroethane	ND	vs	5.9	0.96	ug/Kg	☼	10/20/21 16:50	10/21/21 00:01	1
1,1,2-Trichloroethane	ND	vs	5.9	0.77	ug/Kg	☼	10/20/21 16:50	10/21/21 00:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.9	1.3	ug/Kg	☼	10/20/21 16:50	10/21/21 00:01	1
1,1-Dichloroethane	ND	vs	5.9	0.72	ug/Kg	☼	10/20/21 16:50	10/21/21 00:01	1
1,1-Dichloroethene	ND	vs	5.9	0.72	ug/Kg	☼	10/20/21 16:50	10/21/21 00:01	1
1,2,4-Trichlorobenzene	ND	vs	5.9	0.36	ug/Kg	☼	10/20/21 16:50	10/21/21 00:01	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.9	3.0	ug/Kg	☼	10/20/21 16:50	10/21/21 00:01	1
1,2-Dibromoethane	ND	vs	5.9	0.76	ug/Kg	☼	10/20/21 16:50	10/21/21 00:01	1
1,2-Dichlorobenzene	ND	vs	5.9	0.46	ug/Kg	☼	10/20/21 16:50	10/21/21 00:01	1
1,2-Dichloroethane	ND	vs	5.9	0.30	ug/Kg	☼	10/20/21 16:50	10/21/21 00:01	1
1,2-Dichloropropane	ND	vs	5.9	3.0	ug/Kg	☼	10/20/21 16:50	10/21/21 00:01	1
1,3-Dichlorobenzene	ND	vs	5.9	0.30	ug/Kg	☼	10/20/21 16:50	10/21/21 00:01	1
1,4-Dichlorobenzene	ND	vs	5.9	0.83	ug/Kg	☼	10/20/21 16:50	10/21/21 00:01	1
2-Hexanone	ND	vs	30	3.0	ug/Kg	☼	10/20/21 16:50	10/21/21 00:01	1
2-Butanone (MEK)	ND	vs	30	2.2	ug/Kg	☼	10/20/21 16:50	10/21/21 00:01	1
4-Methyl-2-pentanone (MIBK)	ND	vs	30	1.9	ug/Kg	☼	10/20/21 16:50	10/21/21 00:01	1
Acetone	ND	vs	30	5.0	ug/Kg	☼	10/20/21 16:50	10/21/21 00:01	1
Benzene	ND	vs	5.9	0.29	ug/Kg	☼	10/20/21 16:50	10/21/21 00:01	1
Bromodichloromethane	ND	vs	5.9	0.79	ug/Kg	☼	10/20/21 16:50	10/21/21 00:01	1
Bromoform	ND	vs	5.9	3.0	ug/Kg	☼	10/20/21 16:50	10/21/21 00:01	1
Bromomethane	ND	vs	5.9	0.53	ug/Kg	☼	10/20/21 16:50	10/21/21 00:01	1
Carbon disulfide	ND	vs	5.9	3.0	ug/Kg	☼	10/20/21 16:50	10/21/21 00:01	1
Carbon tetrachloride	ND	vs	5.9	0.57	ug/Kg	☼	10/20/21 16:50	10/21/21 00:01	1
Chlorobenzene	ND	vs	5.9	0.78	ug/Kg	☼	10/20/21 16:50	10/21/21 00:01	1
Dibromochloromethane	ND	vs	5.9	0.76	ug/Kg	☼	10/20/21 16:50	10/21/21 00:01	1
Chloroethane	ND	vs	5.9	1.3	ug/Kg	☼	10/20/21 16:50	10/21/21 00:01	1
Chloroform	ND	vs	5.9	0.37	ug/Kg	☼	10/20/21 16:50	10/21/21 00:01	1
Chloromethane	ND	vs	5.9	0.36	ug/Kg	☼	10/20/21 16:50	10/21/21 00:01	1
cis-1,2-Dichloroethene	ND	vs	5.9	0.76	ug/Kg	☼	10/20/21 16:50	10/21/21 00:01	1
cis-1,3-Dichloropropene	ND	vs	5.9	0.85	ug/Kg	☼	10/20/21 16:50	10/21/21 00:01	1
Cyclohexane	ND	vs	5.9	0.83	ug/Kg	☼	10/20/21 16:50	10/21/21 00:01	1
Dichlorodifluoromethane	ND	vs	5.9	0.49	ug/Kg	☼	10/20/21 16:50	10/21/21 00:01	1
Ethylbenzene	ND	vs	5.9	0.41	ug/Kg	☼	10/20/21 16:50	10/21/21 00:01	1
Isopropylbenzene	ND	vs	5.9	0.89	ug/Kg	☼	10/20/21 16:50	10/21/21 00:01	1
Methyl acetate	ND	vs	30	3.6	ug/Kg	☼	10/20/21 16:50	10/21/21 00:01	1
Methyl tert-butyl ether	ND	vs	5.9	0.58	ug/Kg	☼	10/20/21 16:50	10/21/21 00:01	1
Methylcyclohexane	ND	vs	5.9	0.90	ug/Kg	☼	10/20/21 16:50	10/21/21 00:01	1
Methylene Chloride	ND	vs	5.9	2.7	ug/Kg	☼	10/20/21 16:50	10/21/21 00:01	1
Styrene	ND	vs	5.9	0.30	ug/Kg	☼	10/20/21 16:50	10/21/21 00:01	1
Tetrachloroethene	ND	vs	5.9	0.79	ug/Kg	☼	10/20/21 16:50	10/21/21 00:01	1
Toluene	ND	vs	5.9	0.45	ug/Kg	☼	10/20/21 16:50	10/21/21 00:01	1
trans-1,2-Dichloroethene	ND	vs	5.9	0.61	ug/Kg	☼	10/20/21 16:50	10/21/21 00:01	1
trans-1,3-Dichloropropene	ND	vs	5.9	2.6	ug/Kg	☼	10/20/21 16:50	10/21/21 00:01	1
Trichloroethene	ND	vs	5.9	1.3	ug/Kg	☼	10/20/21 16:50	10/21/21 00:01	1
Trichlorofluoromethane	ND	vs	5.9	0.56	ug/Kg	☼	10/20/21 16:50	10/21/21 00:01	1
Vinyl chloride	ND	vs	5.9	0.72	ug/Kg	☼	10/20/21 16:50	10/21/21 00:01	1
Xylenes, Total	ND	vs	12	0.99	ug/Kg	☼	10/20/21 16:50	10/21/21 00:01	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191099-1

Client Sample ID: LPZ-14S (2-5)

Lab Sample ID: 480-191099-2

Date Collected: 10/19/21 11:45

Matrix: Solid

Date Received: 10/19/21 15:25

Percent Solids: 84.4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		64 - 126	10/20/21 16:50	10/21/21 00:01	1
Toluene-d8 (Surr)	98		71 - 125	10/20/21 16:50	10/21/21 00:01	1
4-Bromofluorobenzene (Surr)	94		72 - 126	10/20/21 16:50	10/21/21 00:01	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		200	29	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
bis (2-chloroisopropyl) ether	ND		200	40	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
2,4,5-Trichlorophenol	ND		200	54	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
2,4,6-Trichlorophenol	ND		200	40	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
2,4-Dichlorophenol	ND		200	21	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
2,4-Dimethylphenol	ND		200	48	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
2,4-Dinitrophenol	ND		1900	920	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
2,4-Dinitrotoluene	ND		200	41	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
2,6-Dinitrotoluene	ND		200	23	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
2-Chloronaphthalene	ND		200	33	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
2-Chlorophenol	ND		390	36	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
2-Methylnaphthalene	ND		200	40	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
2-Methylphenol	ND		200	23	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
2-Nitroaniline	ND		390	29	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
2-Nitrophenol	ND		200	56	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
3,3'-Dichlorobenzidine	ND		390	230	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
3-Nitroaniline	ND		390	55	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
4,6-Dinitro-2-methylphenol	ND		390	200	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
4-Bromophenyl phenyl ether	ND		200	28	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
4-Chloro-3-methylphenol	ND		200	49	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
4-Chloroaniline	ND		200	49	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
4-Chlorophenyl phenyl ether	ND		200	25	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
4-Methylphenol	ND		390	23	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
4-Nitroaniline	ND		390	100	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
4-Nitrophenol	ND		390	140	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
Acenaphthene	ND		200	29	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
Acenaphthylene	ND		200	26	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
Acetophenone	ND		200	27	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
Anthracene	ND		200	49	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
Atrazine	ND		200	69	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
Benzaldehyde	ND		200	160	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
Benzo(a)anthracene	ND		200	20	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
Benzo(a)pyrene	ND		200	29	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
Benzo(b)fluoranthene	ND		200	32	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
Benzo(g,h,i)perylene	ND		200	21	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
Benzo(k)fluoranthene	ND	*+	200	26	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
Bis(2-chloroethoxy)methane	ND		200	42	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
Bis(2-chloroethyl)ether	ND		200	26	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
Bis(2-ethylhexyl) phthalate	170	J	200	68	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
Butyl benzyl phthalate	250		200	33	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
Caprolactam	ND	*+	200	60	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
Carbazole	ND		200	23	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
Chrysene	ND		200	44	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
Di-n-butyl phthalate	ND		200	34	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191099-1

Client Sample ID: LPZ-14S (2-5)

Lab Sample ID: 480-191099-2

Date Collected: 10/19/21 11:45

Matrix: Solid

Date Received: 10/19/21 15:25

Percent Solids: 84.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		200	23	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
Dibenz(a,h)anthracene	ND		200	35	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
Dibenzofuran	ND		200	23	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
Diethyl phthalate	ND		200	26	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
Dimethyl phthalate	ND		200	23	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
Fluoranthene	ND		200	21	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
Fluorene	ND		200	23	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
Hexachlorobenzene	ND		200	27	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
Hexachlorobutadiene	ND		200	29	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
Hexachlorocyclopentadiene	ND		200	27	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
Hexachloroethane	ND		200	26	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
Indeno(1,2,3-cd)pyrene	ND		200	25	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
Isophorone	ND		200	42	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
N-Nitrosodi-n-propylamine	ND		200	34	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
N-Nitrosodiphenylamine	ND		200	160	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
Naphthalene	ND		200	26	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
Nitrobenzene	ND		200	22	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
Pentachlorophenol	ND		390	200	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
Phenanthrene	ND		200	29	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
Phenol	ND		200	30	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1
Pyrene	ND		200	23	ug/Kg	☼	10/20/21 13:55	10/21/21 21:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	94		54 - 120	10/20/21 13:55	10/21/21 21:38	1
2-Fluorobiphenyl	96		60 - 120	10/20/21 13:55	10/21/21 21:38	1
2-Fluorophenol	83		52 - 120	10/20/21 13:55	10/21/21 21:38	1
Nitrobenzene-d5	88		53 - 120	10/20/21 13:55	10/21/21 21:38	1
p-Terphenyl-d14	108		79 - 130	10/20/21 13:55	10/21/21 21:38	1
Phenol-d5	89		54 - 120	10/20/21 13:55	10/21/21 21:38	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		2.0	0.38	ug/Kg	☼	10/21/21 07:52	10/21/21 15:44	1
4,4'-DDE	ND		2.0	0.41	ug/Kg	☼	10/21/21 07:52	10/21/21 15:44	1
4,4'-DDT	ND	*+	2.0	0.46	ug/Kg	☼	10/21/21 07:52	10/21/21 15:44	1
Aldrin	ND		2.0	0.48	ug/Kg	☼	10/21/21 07:52	10/21/21 15:44	1
alpha-BHC	ND		2.0	0.35	ug/Kg	☼	10/21/21 07:52	10/21/21 15:44	1
cis-Chlordane	ND	*1	2.0	0.98	ug/Kg	☼	10/21/21 07:52	10/21/21 15:44	1
beta-BHC	ND		2.0	0.35	ug/Kg	☼	10/21/21 07:52	10/21/21 15:44	1
delta-BHC	ND		2.0	0.37	ug/Kg	☼	10/21/21 07:52	10/21/21 15:44	1
Dieldrin	ND	*1	2.0	0.47	ug/Kg	☼	10/21/21 07:52	10/21/21 15:44	1
Endosulfan I	ND		2.0	0.38	ug/Kg	☼	10/21/21 07:52	10/21/21 15:44	1
Endosulfan II	ND	*+	2.0	0.35	ug/Kg	☼	10/21/21 07:52	10/21/21 15:44	1
Endosulfan sulfate	ND	*1	2.0	0.37	ug/Kg	☼	10/21/21 07:52	10/21/21 15:44	1
Endrin	ND		2.0	0.39	ug/Kg	☼	10/21/21 07:52	10/21/21 15:44	1
Endrin aldehyde	22		2.0	0.50	ug/Kg	☼	10/21/21 07:52	10/21/21 15:44	1
Endrin ketone	0.50	J *1	2.0	0.48	ug/Kg	☼	10/21/21 07:52	10/21/21 15:44	1
gamma-BHC (Lindane)	ND		2.0	0.36	ug/Kg	☼	10/21/21 07:52	10/21/21 15:44	1
trans-Chlordane	ND	*1	2.0	0.62	ug/Kg	☼	10/21/21 07:52	10/21/21 15:44	1
Heptachlor	ND		2.0	0.43	ug/Kg	☼	10/21/21 07:52	10/21/21 15:44	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191099-1

Client Sample ID: LPZ-14S (2-5)

Lab Sample ID: 480-191099-2

Date Collected: 10/19/21 11:45

Matrix: Solid

Date Received: 10/19/21 15:25

Percent Solids: 84.4

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		2.0	0.51	ug/Kg	☼	10/21/21 07:52	10/21/21 15:44	1
Methoxychlor	ND	*+	2.0	0.40	ug/Kg	☼	10/21/21 07:52	10/21/21 15:44	1
Toxaphene	ND		20	11	ug/Kg	☼	10/21/21 07:52	10/21/21 15:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	81		45 - 120	10/21/21 07:52	10/21/21 15:44	1
DCB Decachlorobiphenyl	80		45 - 120	10/21/21 07:52	10/21/21 15:44	1
Tetrachloro-m-xylene	88		30 - 124	10/21/21 07:52	10/21/21 15:44	1
Tetrachloro-m-xylene	81		30 - 124	10/21/21 07:52	10/21/21 15:44	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.22	0.043	mg/Kg	☼	10/21/21 14:09	10/25/21 17:22	1
PCB-1221	ND		0.22	0.043	mg/Kg	☼	10/21/21 14:09	10/25/21 17:22	1
PCB-1232	ND		0.22	0.043	mg/Kg	☼	10/21/21 14:09	10/25/21 17:22	1
PCB-1242	ND		0.22	0.043	mg/Kg	☼	10/21/21 14:09	10/25/21 17:22	1
PCB-1248	ND		0.22	0.043	mg/Kg	☼	10/21/21 14:09	10/25/21 17:22	1
PCB-1254	ND		0.22	0.10	mg/Kg	☼	10/21/21 14:09	10/25/21 17:22	1
PCB-1260	ND		0.22	0.10	mg/Kg	☼	10/21/21 14:09	10/25/21 17:22	1
PCB-1262	ND		0.22	0.10	mg/Kg	☼	10/21/21 14:09	10/25/21 17:22	1
PCB-1268	ND		0.22	0.10	mg/Kg	☼	10/21/21 14:09	10/25/21 17:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	100		60 - 154	10/21/21 14:09	10/25/21 17:22	1
Tetrachloro-m-xylene	101		60 - 154	10/21/21 14:09	10/25/21 17:22	1
DCB Decachlorobiphenyl	145		65 - 174	10/21/21 14:09	10/25/21 17:22	1
DCB Decachlorobiphenyl	108		65 - 174	10/21/21 14:09	10/25/21 17:22	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.23	0.053	ug/Kg	☼	10/24/21 18:36	10/25/21 22:23	1
Perfluoropentanoic acid (PFPeA)	ND		0.23	0.047	ug/Kg	☼	10/24/21 18:36	10/25/21 22:23	1
Perfluorohexanoic acid (PFHxA)	ND		0.23	0.036	ug/Kg	☼	10/24/21 18:36	10/25/21 22:23	1
Perfluoroheptanoic acid (PFHpA)	ND		0.23	0.044	ug/Kg	☼	10/24/21 18:36	10/25/21 22:23	1
Perfluorooctanoic acid (PFOA)	0.28		0.23	0.061	ug/Kg	☼	10/24/21 18:36	10/25/21 22:23	1
Perfluorononanoic acid (PFNA)	ND		0.23	0.025	ug/Kg	☼	10/24/21 18:36	10/25/21 22:23	1
Perfluorodecanoic acid (PFDA)	ND		0.23	0.055	ug/Kg	☼	10/24/21 18:36	10/25/21 22:23	1
Perfluoroundecanoic acid (PFUnA)	ND		0.23	0.048	ug/Kg	☼	10/24/21 18:36	10/25/21 22:23	1
Perfluorododecanoic acid (PFDoA)	ND		0.23	0.035	ug/Kg	☼	10/24/21 18:36	10/25/21 22:23	1
Perfluorotridecanoic acid (PFTriA)	ND		0.23	0.024	ug/Kg	☼	10/24/21 18:36	10/25/21 22:23	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.23	0.043	ug/Kg	☼	10/24/21 18:36	10/25/21 22:23	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.23	0.044	ug/Kg	☼	10/24/21 18:36	10/25/21 22:23	1
Perfluorohexanesulfonic acid (PFHxS)	0.11	J	0.23	0.033	ug/Kg	☼	10/24/21 18:36	10/25/21 22:23	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		0.23	0.057	ug/Kg	☼	10/24/21 18:36	10/25/21 22:23	1
Perfluorooctanesulfonic acid (PFOS)	0.79		0.23	0.050	ug/Kg	☼	10/24/21 18:36	10/25/21 22:23	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.23	0.060	ug/Kg	☼	10/24/21 18:36	10/25/21 22:23	1
Perfluorooctanesulfonamide (FOSA)	ND		0.23	0.038	ug/Kg	☼	10/24/21 18:36	10/25/21 22:23	1
NMeFOSAA	ND		0.23	0.027	ug/Kg	☼	10/24/21 18:36	10/25/21 22:23	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191099-1

Client Sample ID: LPZ-14S (2-5)

Lab Sample ID: 480-191099-2

Date Collected: 10/19/21 11:45

Matrix: Solid

Date Received: 10/19/21 15:25

Percent Solids: 84.4

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
NEtFOSAA	ND		0.23	0.055	ug/Kg	☼	10/24/21 18:36	10/25/21 22:23	1
6:2 FTS	ND		0.23	0.031	ug/Kg	☼	10/24/21 18:36	10/25/21 22:23	1
8:2 FTS	ND		0.23	0.040	ug/Kg	☼	10/24/21 18:36	10/25/21 22:23	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	71		25 - 150				10/24/21 18:36	10/25/21 22:23	1
13C5 PFPeA	77		25 - 150				10/24/21 18:36	10/25/21 22:23	1
13C2 PFHxA	63		25 - 150				10/24/21 18:36	10/25/21 22:23	1
13C4 PFHpA	68		25 - 150				10/24/21 18:36	10/25/21 22:23	1
13C4 PFOA	79		25 - 150				10/24/21 18:36	10/25/21 22:23	1
13C5 PFNA	94		25 - 150				10/24/21 18:36	10/25/21 22:23	1
13C2 PFDA	89		25 - 150				10/24/21 18:36	10/25/21 22:23	1
13C2 PFUnA	76		25 - 150				10/24/21 18:36	10/25/21 22:23	1
13C2 PFDoA	85		25 - 150				10/24/21 18:36	10/25/21 22:23	1
13C2 PFTeDA	90		25 - 150				10/24/21 18:36	10/25/21 22:23	1
13C3 PFBS	57		25 - 150				10/24/21 18:36	10/25/21 22:23	1
18O2 PFHxS	62		25 - 150				10/24/21 18:36	10/25/21 22:23	1
13C4 PFOS	69		25 - 150				10/24/21 18:36	10/25/21 22:23	1
13C8 FOSA	88		25 - 150				10/24/21 18:36	10/25/21 22:23	1
d3-NMeFOSAA	68		25 - 150				10/24/21 18:36	10/25/21 22:23	1
d5-NEtFOSAA	73		25 - 150				10/24/21 18:36	10/25/21 22:23	1
M2-6:2 FTS	72		25 - 150				10/24/21 18:36	10/25/21 22:23	1
M2-8:2 FTS	127		25 - 150				10/24/21 18:36	10/25/21 22:23	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	15100		12.1	5.3	mg/Kg	☼	10/26/21 18:15	10/28/21 00:44	1
Antimony	0.94	J	18.1	0.48	mg/Kg	☼	10/26/21 18:15	10/28/21 00:44	1
Arsenic	3.1		2.4	0.48	mg/Kg	☼	10/26/21 18:15	11/01/21 17:09	1
Barium	89.1		0.60	0.13	mg/Kg	☼	10/26/21 18:15	10/28/21 00:44	1
Beryllium	0.75		0.24	0.034	mg/Kg	☼	10/26/21 18:15	10/28/21 00:44	1
Cadmium	0.21	J	0.24	0.036	mg/Kg	☼	10/26/21 18:15	10/28/21 00:44	1
Calcium	17500		60.4	4.0	mg/Kg	☼	10/26/21 18:15	10/28/21 00:44	1
Chromium	17.6		0.60	0.24	mg/Kg	☼	10/26/21 18:15	10/28/21 00:44	1
Cobalt	7.7		0.60	0.060	mg/Kg	☼	10/26/21 18:15	10/28/21 00:44	1
Copper	8.3		1.2	0.25	mg/Kg	☼	10/26/21 18:15	10/28/21 00:44	1
Iron	18100		12.1	4.2	mg/Kg	☼	10/26/21 18:15	10/28/21 00:44	1
Lead	10.5		1.2	0.29	mg/Kg	☼	10/26/21 18:15	10/28/21 00:44	1
Magnesium	5670		24.2	1.1	mg/Kg	☼	10/26/21 18:15	10/28/21 00:44	1
Manganese	130	B	0.24	0.039	mg/Kg	☼	10/26/21 18:15	10/28/21 00:44	1
Nickel	17.4		6.0	0.28	mg/Kg	☼	10/26/21 18:15	10/28/21 00:44	1
Potassium	1220		36.3	24.2	mg/Kg	☼	10/26/21 18:15	10/28/21 00:44	1
Selenium	ND		4.8	0.48	mg/Kg	☼	10/26/21 18:15	10/28/21 00:44	1
Silver	ND		0.73	0.24	mg/Kg	☼	10/26/21 18:15	10/28/21 00:44	1
Sodium	164	J	169	15.7	mg/Kg	☼	10/26/21 18:15	10/28/21 00:44	1
Thallium	ND		7.3	0.36	mg/Kg	☼	10/26/21 18:15	10/28/21 00:44	1
Vanadium	29.5		0.60	0.13	mg/Kg	☼	10/26/21 18:15	10/28/21 00:44	1
Zinc	43.6		2.4	0.77	mg/Kg	☼	10/26/21 18:15	10/28/21 00:44	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191099-1

Client Sample ID: LPZ-14S (2-5)

Lab Sample ID: 480-191099-2

Date Collected: 10/19/21 11:45

Matrix: Solid

Date Received: 10/19/21 15:25

Percent Solids: 84.4

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	J	0.025	0.0057	mg/Kg	☼	10/26/21 17:19	10/26/21 18:49	1

Client Sample ID: DRILLING WATER

Lab Sample ID: 480-191099-3

Date Collected: 10/19/21 12:15

Matrix: Water

Date Received: 10/19/21 15:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/23/21 10:27	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/23/21 10:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/23/21 10:27	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/23/21 10:27	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/23/21 10:27	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/23/21 10:27	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/23/21 10:27	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/23/21 10:27	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/23/21 10:27	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/23/21 10:27	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/23/21 10:27	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/23/21 10:27	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/23/21 10:27	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/23/21 10:27	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/23/21 10:27	1
2-Hexanone	ND		5.0	1.2	ug/L			10/23/21 10:27	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/23/21 10:27	1
Acetone	ND		10	3.0	ug/L			10/23/21 10:27	1
Benzene	ND		1.0	0.41	ug/L			10/23/21 10:27	1
Bromodichloromethane	10		1.0	0.39	ug/L			10/23/21 10:27	1
Bromoform	0.26	J	1.0	0.26	ug/L			10/23/21 10:27	1
Bromomethane	ND		1.0	0.69	ug/L			10/23/21 10:27	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/23/21 10:27	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/23/21 10:27	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/23/21 10:27	1
Chloroethane	ND		1.0	0.32	ug/L			10/23/21 10:27	1
Chloroform	28		1.0	0.34	ug/L			10/23/21 10:27	1
Chloromethane	ND		1.0	0.35	ug/L			10/23/21 10:27	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/23/21 10:27	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/23/21 10:27	1
Cyclohexane	ND		1.0	0.18	ug/L			10/23/21 10:27	1
Dibromochloromethane	4.1		1.0	0.32	ug/L			10/23/21 10:27	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/23/21 10:27	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/23/21 10:27	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/23/21 10:27	1
Methyl acetate	ND		2.5	1.3	ug/L			10/23/21 10:27	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/23/21 10:27	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/23/21 10:27	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/23/21 10:27	1
Styrene	ND		1.0	0.73	ug/L			10/23/21 10:27	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/23/21 10:27	1
Toluene	ND		1.0	0.51	ug/L			10/23/21 10:27	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191099-1

Client Sample ID: DRILLING WATER

Lab Sample ID: 480-191099-3

Date Collected: 10/19/21 12:15

Matrix: Water

Date Received: 10/19/21 15:25

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/23/21 10:27	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/23/21 10:27	1
Trichloroethene	ND		1.0	0.46	ug/L			10/23/21 10:27	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/23/21 10:27	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/23/21 10:27	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/23/21 10:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		10/23/21 10:27	1
4-Bromofluorobenzene (Surr)	99		73 - 120		10/23/21 10:27	1
Toluene-d8 (Surr)	98		80 - 120		10/23/21 10:27	1

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		4.8	2.3	ng/L		10/23/21 05:38	10/26/21 01:49	1
Perfluoropentanoic acid (PFPeA)	1.6	J	1.9	0.47	ng/L		10/23/21 05:38	10/26/21 01:49	1
Perfluorohexanoic acid (PFHxA)	1.8	J	1.9	0.56	ng/L		10/23/21 05:38	10/26/21 01:49	1
Perfluoroheptanoic acid (PFHpA)	ND		1.9	0.24	ng/L		10/23/21 05:38	10/26/21 01:49	1
Perfluorooctanoic acid (PFOA)	1.6	J	1.9	0.82	ng/L		10/23/21 05:38	10/26/21 01:49	1
Perfluorononanoic acid (PFNA)	ND		1.9	0.26	ng/L		10/23/21 05:38	10/26/21 01:49	1
Perfluorodecanoic acid (PFDA)	ND		1.9	0.30	ng/L		10/23/21 05:38	10/26/21 01:49	1
Perfluoroundecanoic acid (PFUnA)	ND		1.9	1.1	ng/L		10/23/21 05:38	10/26/21 01:49	1
Perfluorododecanoic acid (PFDoA)	ND		1.9	0.53	ng/L		10/23/21 05:38	10/26/21 01:49	1
Perfluorotridecanoic acid (PFTriA)	ND		1.9	1.3	ng/L		10/23/21 05:38	10/26/21 01:49	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.9	0.70	ng/L		10/23/21 05:38	10/26/21 01:49	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.9	0.19	ng/L		10/23/21 05:38	10/26/21 01:49	1
Perfluorohexanesulfonic acid (PFHxS)	0.90	J	1.9	0.55	ng/L		10/23/21 05:38	10/26/21 01:49	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.9	0.18	ng/L		10/23/21 05:38	10/26/21 01:49	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.9	0.52	ng/L		10/23/21 05:38	10/26/21 01:49	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.9	0.31	ng/L		10/23/21 05:38	10/26/21 01:49	1
Perfluorooctanesulfonamide (FOSA)	ND		1.9	0.94	ng/L		10/23/21 05:38	10/26/21 01:49	1
NMeFOSAA	ND		4.8	1.2	ng/L		10/23/21 05:38	10/26/21 01:49	1
NEtFOSAA	ND		4.8	1.3	ng/L		10/23/21 05:38	10/26/21 01:49	1
6:2 FTS	ND		4.8	2.4	ng/L		10/23/21 05:38	10/26/21 01:49	1
8:2 FTS	ND		1.9	0.44	ng/L		10/23/21 05:38	10/26/21 01:49	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	38		25 - 150	10/23/21 05:38	10/26/21 01:49	1
13C5 PFPeA	32		25 - 150	10/23/21 05:38	10/26/21 01:49	1
13C2 PFHxA	34		25 - 150	10/23/21 05:38	10/26/21 01:49	1
13C4 PFHpA	37		25 - 150	10/23/21 05:38	10/26/21 01:49	1
13C4 PFOA	38		25 - 150	10/23/21 05:38	10/26/21 01:49	1
13C5 PFNA	35		25 - 150	10/23/21 05:38	10/26/21 01:49	1
13C2 PFDA	35		25 - 150	10/23/21 05:38	10/26/21 01:49	1
13C2 PFUnA	33		25 - 150	10/23/21 05:38	10/26/21 01:49	1
13C2 PFDoA	36		25 - 150	10/23/21 05:38	10/26/21 01:49	1
13C2 PFTeA	34		25 - 150	10/23/21 05:38	10/26/21 01:49	1
18O2 PFHxS	36		25 - 150	10/23/21 05:38	10/26/21 01:49	1
13C4 PFOS	35		25 - 150	10/23/21 05:38	10/26/21 01:49	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-191099-1

Client Sample ID: DRILLING WATER

Lab Sample ID: 480-191099-3

Date Collected: 10/19/21 12:15

Matrix: Water

Date Received: 10/19/21 15:25

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
13C8 FOSA	38		25 - 150	10/23/21 05:38	10/26/21 01:49	1
d3-NMeFOSAA	32		25 - 150	10/23/21 05:38	10/26/21 01:49	1
d5-NEtFOSAA	36		25 - 150	10/23/21 05:38	10/26/21 01:49	1
M2-6:2 FTS	36		25 - 150	10/23/21 05:38	10/26/21 01:49	1
M2-8:2 FTS	36		25 - 150	10/23/21 05:38	10/26/21 01:49	1

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191099-1

SDG No.: _____

Matrix: Solid Level: Low Lab File ID: V3154815.D

Lab ID: LCS 480-601261/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Biphenyl	1650	1660	100	59-120	
bis (2-chloroisopropyl) ether	1650	1530	93	44-120	
2,4,5-Trichlorophenol	1650	1800	109	59-126	
2,4,6-Trichlorophenol	1650	1820	111	59-123	
2,4-Dichlorophenol	1650	1730	105	61-120	
2,4-Dimethylphenol	1650	1730	105	59-120	
2,4-Dinitrophenol	3300	3910	118	41-146	
2,4-Dinitrotoluene	1650	1910	116	63-120	
2,6-Dinitrotoluene	1650	1860	113	66-120	
2-Chloronaphthalene	1650	1640	99	57-120	
2-Chlorophenol	1650	1550	94	53-120	
2-Methylnaphthalene	1650	1670	101	59-120	
2-Methylphenol	1650	1650	100	54-120	
2-Nitroaniline	1650	1890	114	61-120	
2-Nitrophenol	1650	1630	99	56-120	
3,3'-Dichlorobenzidine	3300	3550	107	54-120	
3-Nitroaniline	1650	1730	105	48-120	
4,6-Dinitro-2-methylphenol	3300	3810	116	49-122	
4-Bromophenyl phenyl ether	1650	1870	113	58-120	
4-Chloro-3-methylphenol	1650	1870	114	61-120	
4-Chloroaniline	1650	1620	98	38-120	
4-Chlorophenyl phenyl ether	1650	1820	110	63-124	
4-Methylphenol	1650	1730	105	55-120	
4-Nitroaniline	1650	1880	114	56-120	
4-Nitrophenol	3300	3890	118	43-147	
Acenaphthene	1650	1750	106	62-120	
Acenaphthylene	1650	1790	108	58-121	
Acetophenone	1650	1580	96	54-120	
Anthracene	1650	1830	111	62-120	
Atrazine	3300	3960	120	60-127	
Benzaldehyde	3300	2740	83	10-150	E
Benzo (a) anthracene	1650	1940	117	65-120	
Benzo (a) pyrene	1650	1940	118	64-120	
Benzo (b) fluoranthene	1650	1890	114	64-120	
Benzo (g, h, i) perylene	1650	1880	114	45-145	
Benzo (k) fluoranthene	1650	1990	121	65-120	*+
Bis (2-chloroethoxy) methane	1650	1650	100	55-120	
Bis (2-chloroethyl) ether	1650	1520	92	45-120	
Bis (2-ethylhexyl) phthalate	1650	2060	125	61-133	
Butyl benzyl phthalate	1650	2040	123	61-129	
Caprolactam	3300	4010	121	47-120	*+
Carbazole	1650	1910	116	65-120	

Column to be used to flag recovery and RPD values

FORM III
PESTICIDES LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191099-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: 25_51-208.D
 Lab ID: LCSD 480-601354/3-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
4,4'-DDD	16.4	19.7	120	14	18	56-120	
4,4'-DDE	16.4	17.1	104	16	16	44-120	
4,4'-DDT	16.4	21.6	131	12	17	38-120	*+
Aldrin	16.4	15.6	95	14	24	38-120	
alpha-BHC	16.4	16.3	100	14	19	39-120	
cis-Chlordane	16.4	18.3	112	15	13	47-120	*1
beta-BHC	16.4	19.2	117	15	17	40-120	
delta-BHC	16.4	18.8	114	14	14	45-120	
Dieldrin	16.4	19.5	119	15	13	58-120	*1
Endosulfan I	16.4	18.1	110	13	16	49-120	
Endosulfan II	16.4	19.9	121	14	17	55-120	*+
Endosulfan sulfate	16.4	19.7	120	16	14	49-124	*1
Endrin	16.4	19.7	120	15	19	58-120	
Endrin aldehyde	16.4	19.0	116	16	23	37-121	
Endrin ketone	16.4	20.0	122	16	14	46-123	*1
gamma-BHC (Lindane)	16.4	17.2	105	14	20	50-120	
trans-Chlordane	16.4	18.1	110	15	14	48-120	*1
Heptachlor	16.4	18.9	115	15	16	50-120	
Heptachlor epoxide	16.4	18.8	115	14	17	50-120	
Methoxychlor	16.4	23.2	141	11	14	58-133	*+

Column to be used to flag recovery and RPD values

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191099-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 480-601354/2-A
 Instrument ID (1): HP6890-25 Instrument ID (2): HP6890-25
 Date Analyzed (1): 10/21/2021 14:45 Date Analyzed (2): 10/21/2021 14:45
 GC Column (1): RTX-CLPI ID: 0.53 (mm) GC Column (2): RTX-CLPII ID: 0.53 (mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.71	2.67	2.73	14.1		1.4
	2		3.10	3.06	3.12	13.9		
gamma-BHC (Lindane)	1		2.95	2.91	2.97	14.9		1.5
	2		3.42	3.38	3.44	15.1		
beta-BHC	1		3.02	2.97	3.03	16.4		3.9
	2		3.49	3.45	3.51	15.8		
delta-BHC	1		3.16	3.12	3.18	16.3		3.7
	2		3.78	3.74	3.80	15.7		
Heptachlor	1		3.34	3.29	3.35	16.3		6.2
	2		3.85	3.81	3.87	15.3		
Aldrin	1		3.60	3.56	3.62	13.5		6.4
	2		4.18	4.14	4.20	14.4		
Heptachlor epoxide	1		4.17	4.12	4.18	16.4		3.2
	2		4.78	4.74	4.80	15.9		
trans-Chlordane	1		4.29	4.25	4.31	15.6		1.7
	2		4.98	4.94	5.00	15.3		
cis-Chlordane	1		4.43	4.38	4.44	15.8		9.1
	2		5.13	5.09	5.15	14.5		
4,4'-DDE	1		4.52	4.47	4.53	14.6		7.2
	2		5.30	5.26	5.32	15.6		
Endosulfan I	1		4.56	4.51	4.57	15.9		0.5
	2		5.19	5.16	5.22	15.9		
Dieldrin	1		4.80	4.75	4.81	16.8		7.2
	2		5.48	5.44	5.50	15.6		
Endrin	1		5.03	4.99	5.05	17.0		7.9
	2		5.80	5.76	5.82	15.8		
4,4'-DDD	1		5.12	5.07	5.13	17.1		4.8
	2		5.91	5.87	5.93	16.3		
Endosulfan II	1		5.26	5.21	5.27	17.2		6.1
	2		6.02	5.98	6.04	16.2		
4,4'-DDT	1		5.41	5.36	5.42	19.2		26.3
	2		6.23	6.19	6.25	14.8		
Endrin aldehyde	1		5.69	5.64	5.70	16.2		12.3
	2		6.36	6.33	6.39	14.3		
Methoxychlor	1		5.92	5.87	5.93	20.9		26.5
	2		6.93	6.89	6.95	16.0		
Endosulfan sulfate	1		6.13	6.08	6.14	16.8		0.2
	2		6.65	6.61	6.67	16.8		
Endrin ketone	1		6.40	6.36	6.42	17.1		3.8
	2		7.19	7.16	7.22	17.8		

FORM II
PCBS SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191099-1

SDG No.: _____

Matrix: Solid Level: Low

GC Column (1): ZB-35 ID: 0.53 (mm) GC Column (2): ZB-5 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	TCX1 #	TCX2 #	DCBP1 #	DCBP2 #
LPZ-15S (5-7)	480-191099-1	103	106	112	143
LPZ-14S (2-5)	480-191099-2	101	100	108	145
	MB 480-601469/1-A	101	103	112	142
	LCS 480-601469/2-A	134	133	146	180 S1+
LPZ-15S (5-7) MS	480-191099-1 MS	105	102	117	147
LPZ-15S (5-7) MSD	480-191099-1 MSD	123	124	140	178 S1+

TCX = Tetrachloro-m-xylene
DCBP = DCB Decachlorobiphenyl

QC LIMITS
60-154
65-174

Column to be used to flag recovery values

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191099-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: 6_098-213.D
Lab ID: 480-191099-1 MSD Client ID: LPZ-15S (5-7) MSD

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
PCB-1016	2.95	3.59	122	20	50	50-177	
PCB-1260	2.95	3.95	134	21	50	33-200	

Column to be used to flag recovery and RPD values

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191099-1
 SDG No.: _____
 Lab Sample ID: ICV 480-581327/30 Calibration Date: 05/17/2021 23:07
 Instrument ID: HP6890-6 Calib Start Date: 05/17/2021 22:29
 GC Column: ZB-5 ID: 0.53 (mm) Calib End Date: 05/17/2021 22:54
 Lab File ID: 6_087-212.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Lin2		0.0171		0.512	0.500	2.3	20.0
PCB-1242 Peak 2	Lin2		0.0209		0.517	0.500	3.5	20.0
PCB-1242 Peak 3	Lin2		0.0448		0.482	0.500	-3.7	20.0
PCB-1242 Peak 4	Lin2		0.0275		0.492	0.500	-1.7	20.0
PCB-1242 Peak 5	Lin2		0.0205		0.513	0.500	2.6	20.0
PCB-1268 Peak 1	Lin2		0.1398		0.510	0.500	1.9	20.0
PCB-1268 Peak 2	Lin2		0.1257		0.505	0.500	1.0	20.0
PCB-1268 Peak 3	Lin2		0.1196		0.554	0.500	10.8	20.0
PCB-1268 Peak 4	Lin2		0.0350		0.368	0.500	-26.4*	20.0
PCB-1268 Peak 5	Lin2		0.3141		0.456	0.500	-8.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191099-1
 SDG No.: _____
 Lab Sample ID: ICV 480-581327/30 Calibration Date: 05/17/2021 23:07
 Instrument ID: HP6890-6 Calib Start Date: 05/17/2021 22:29
 GC Column: ZB-35 ID: 0.53 (mm) Calib End Date: 05/17/2021 22:54
 Lab File ID: 6_087-212.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Lin2		0.0163		0.508	0.500	1.5	20.0
PCB-1242 Peak 2	Lin2		0.0362		0.505	0.500	1.1	20.0
PCB-1242 Peak 3	Lin2		0.0425		0.488	0.500	-2.5	20.0
PCB-1242 Peak 4	Lin2		0.0280		0.502	0.500	0.3	20.0
PCB-1242 Peak 5	Lin2		0.0264		0.508	0.500	1.7	20.0
PCB-1268 Peak 1	Lin2		0.1350		0.523	0.500	4.6	20.0
PCB-1268 Peak 2	Lin2		0.1243		0.529	0.500	5.7	20.0
PCB-1268 Peak 3	Lin2		0.1154		0.567	0.500	13.4	20.0
PCB-1268 Peak 4	Lin2		0.0342		0.371	0.500	-25.9*	20.0
PCB-1268 Peak 5	Lin2		0.3085		0.462	0.500	-7.7	20.0

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191099-1
 SDG No.: _____
 Lab Sample ID: CCV 480-601892/8 Calibration Date: 10/25/2021 14:10
 Instrument ID: HP6890-6 Calib Start Date: 05/17/2021 22:29
 GC Column: ZB-35 ID: 0.53 (mm) Calib End Date: 05/17/2021 22:54
 Lab File ID: 6_098-205.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Lin2		0.0171		0.533	0.500	6.5	20.0
PCB-1242 Peak 2	Lin2		0.0373		0.520	0.500	4.1	20.0
PCB-1242 Peak 3	Lin2		0.0436		0.500	0.500	0.0	20.0
PCB-1242 Peak 4	Lin2		0.0289		0.518	0.500	3.7	20.0
PCB-1242 Peak 5	Lin2		0.0278		0.537	0.500	7.4	20.0
PCB-1268 Peak 1	Lin2		0.1698		0.660	0.500	32.0*	20.0
PCB-1268 Peak 2	Lin2		0.1406		0.599	0.500	19.8	20.0
PCB-1268 Peak 3	Lin2		0.1319		0.649	0.500	29.8*	20.0
PCB-1268 Peak 4	Lin2		0.0580		0.636	0.500	27.2*	20.0
PCB-1268 Peak 5	Lin2		0.3952		0.593	0.500	18.6	20.0

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191099-1
 SDG No.: _____
 Lab Sample ID: CCV 480-601892/31 Calibration Date: 10/25/2021 19:04
 Instrument ID: HP6890-6 Calib Start Date: 05/17/2021 18:14
 GC Column: ZB-5 ID: 0.53 (mm) Calib End Date: 05/17/2021 19:30
 Lab File ID: 6_098-228.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Lin2		0.0200		0.468	0.504	-7.1	20.0
PCB-1016 Peak 2	Lin2		0.0240		0.445	0.504	-11.5	20.0
PCB-1016 Peak 3	Lin2		0.0518		0.419	0.504	-16.7	20.0
PCB-1016 Peak 4	Lin2		0.0319		0.436	0.504	-13.4	20.0
PCB-1016 Peak 5	Lin2		0.0198		0.439	0.504	-12.9	20.0
PCB-1260 Peak 1	Lin2		0.0486		0.488	0.504	-3.2	20.0
PCB-1260 Peak 2	Lin2		0.0532		0.484	0.504	-4.0	20.0
PCB-1260 Peak 3	Lin2		0.0701		0.495	0.504	-1.8	20.0
PCB-1260 Peak 4	Lin2		0.0437		0.493	0.504	-2.1	20.0
PCB-1260 Peak 5	Lin2		0.1121		0.524	0.504	4.1	20.0
Tetrachloro-m-xylene	Lin2		1.184		0.0115	0.0125	-8.0	20.0
DCB Decachlorobiphenyl	Lin1		1.209		0.0163	0.0125	30.3*	20.0

FORM II
PFAS SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Sacramento Job No.: 480-191099-1

SDG No.: _____

Matrix: Water Level: Low

GC Column (1): GeminiC18 3 ID: 3 (mm)

Client Sample ID	Lab Sample ID	PFBA #	PFPeA #	PFHxA #	C4PFHA #	PFHxS #	M262FTS #	PFOA #	PFOS #
DRILLING WATER	480-191099-3	38	32	34	37	36	36	38	35
	MB 320-536581/1-A	82	79	83	90	89	90	87	87
	LCS 320-536581/2-A	86	89	83	91	92	89	91	91
	LCSD 320-536581/3-A	91	93	95	92	94	100	97	91

	<u>QC LIMITS</u>
PFBA = 13C4 PFBA	25-150
PFPeA = 13C5 PFPeA	25-150
PFHxA = 13C2 PFHxA	25-150
C4PFHA = 13C4 PFHpA	25-150
PFHxS = 18O2 PFHxS	25-150
M262FTS = M2-6:2 FTS	25-150
PFOA = 13C4 PFOA	25-150
PFOS = 13C4 PFOS	25-150

Column to be used to flag recovery values

FORM II 537 (modified)

FORM II
PFAS SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Sacramento Job No.: 480-191099-1

SDG No.: _____

Matrix: Water Level: Low

GC Column (1): GeminiC18 3 ID: 3 (mm)

Client Sample ID	Lab Sample ID	PFNA #	PFOSA #	M282FTS #	PFDA #	d3NMFOS #	d5NEFOS #	PFUnA #	PFDoA #
DRILLING WATER	480-191099-3	35	38	36	35	32	36	33	36
	MB 320-536581/1-A	86	89	90	92	84	99	92	88
	LCS 320-536581/2-A	85	89	85	89	87	99	91	88
	LCSD 320-536581/3-A	91	85	90	90	92	99	91	95

	<u>QC LIMITS</u>
PFNA = 13C5 PFNA	25-150
PFOSA = 13C8 FOSA	25-150
M282FTS = M2-8:2 FTS	25-150
PFDA = 13C2 PFDA	25-150
d3NMFOS = d3-NMeFOSAA	25-150
d5NEFOS = d5-NEtFOSAA	25-150
PFUnA = 13C2 PFUnA	25-150
PFDoA = 13C2 PFDoA	25-150

Column to be used to flag recovery values

FORM II 537 (modified)

FORM II
PFAS SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Sacramento Job No.: 480-191099-1

SDG No.: _____

Matrix: Water Level: Low

GC Column (1): GeminiC18 3 ID: 3 (mm)

Client Sample ID	Lab Sample ID	PFTDA #
DRILLING WATER	480-191099-3	34
	MB 320-536581/1-A	88
	LCS 320-536581/2-A	86
	LCSD 320-536581/3-A	89

PFTDA = 13C2 PFTeDA

QC LIMITS
25-150

Column to be used to flag recovery values

FORM II 537 (modified)

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Sacramento Job No.: 480-191099-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: ICB 320-536933/10
 Matrix: Water Lab File ID: 2021.10.25_A13_PFC+_ICAL_011.d
 Analysis Method: 537 (modified) Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: 1(mL) Date Analyzed: 10/25/2021 14:33
 Con. Extract Vol.: _____ Dilution Factor: 1
 Injection Volume: 20(uL) GC Column: GeminiC18 3x100 ID: 3(mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 536933 Units: ng/mL

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	ND		0.13	0.013
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		0.050	0.013
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		0.050	0.013
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		0.050	0.013
335-67-1	Perfluorooctanoic acid (PFOA)	ND		0.050	0.013
375-95-1	Perfluorononanoic acid (PFNA)	ND		0.050	0.013
335-76-2	Perfluorodecanoic acid (PFDA)	ND		0.050	0.013
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		0.050	0.013
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		0.050	0.013
72629-94-8	Perfluorotridecanoic acid (PFTriA)	ND		0.050	0.013
376-06-7	Perfluorotetradecanoic acid (PFTeA)	ND		0.050	0.013
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		0.050	0.013
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		0.050	0.013
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND		0.050	0.013
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		0.050	0.013
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		0.050	0.013
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND		0.050	0.013
2355-31-9	NMeFOSAA	0.0411	J	0.13	0.013
2991-50-6	NEtFOSAA	0.0297	J	0.13	0.013
27619-97-2	6:2 FTS	ND		0.13	0.013
39108-34-4	8:2 FTS	ND		0.050	0.013

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Sacramento Job No.: 480-191099-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: ICB 320-536954/9

Matrix: Solid Lab File ID: 2021.10.25_A9_PFC+_ICAL_011.d

Analysis Method: 537 (modified) Date Collected: _____

Extraction Method: _____ Date Extracted: _____

Sample wt/vol: 1(mL) Date Analyzed: 10/25/2021 14:24

Con. Extract Vol.: _____ Dilution Factor: 1

Injection Volume: 20(uL) GC Column: Acquity ID: 2.1(mm)

% Moisture: _____ GPC Cleanup: (Y/N) N

Analysis Batch No.: 536954 Units: ng/mL

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	ND		0.13	0.013
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		0.050	0.013
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		0.050	0.013
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		0.050	0.013
335-67-1	Perfluorooctanoic acid (PFOA)	ND		0.050	0.013
375-95-1	Perfluorononanoic acid (PFNA)	ND		0.050	0.013
335-76-2	Perfluorodecanoic acid (PFDA)	ND		0.050	0.013
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		0.050	0.013
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		0.050	0.013
72629-94-8	Perfluorotridecanoic acid (PFTriA)	ND		0.050	0.013
376-06-7	Perfluorotetradecanoic acid (PFTeA)	ND		0.050	0.013
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		0.050	0.013
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		0.050	0.013
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND		0.050	0.013
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		0.050	0.013
335-77-3	Perfluorodecanesulfonic acid (PFDS)	ND		0.050	0.013
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND		0.050	0.013
2355-31-9	NMeFOSAA	0.0493	J	0.13	0.013
2991-50-6	NEtFOSAA	0.0445	J	0.13	0.013
27619-97-2	6:2 FTS	ND		0.13	0.013
39108-34-4	8:2 FTS	ND		0.050	0.013

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191099-1

SDG No.: _____

ICV Source: MEI_10_CCVL_00401 Concentration Units: mg/L

CCV Source: MEI_10_CCVL_00401

Analyte	ICVL 480-602425/7 10/27/2021 15:39				CCVL 480-602425/20 10/27/2021 23:31				CCVL 480-602425/31 10/28/2021 00:17			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	0.186	J	0.200	93	0.168	J	0.200	84	0.231		0.200	116
Antimony	0.0219		0.0200	109	0.0216		0.0200	108	0.0200		0.0200	100
Arsenic	0.0127	J	0.0150	85	0.0144	J	0.0150	96	0.0149	J	0.0150	99
Barium	0.00221		0.00200	111	0.00218		0.00200	109	0.00219		0.00200	110
Beryllium	0.00215		0.00200	108	0.00208		0.00200	104	0.00225		0.00200	113
Cadmium	0.00213		0.00200	107	0.00218		0.00200	109	0.00237		0.00200	119
Calcium	0.511		0.500	102	0.502		0.500	100	0.497	J	0.500	99
Chromium	0.00432		0.00400	108	0.00436		0.00400	109	0.00417		0.00400	104
Cobalt	0.00388	J	0.00400	97	0.00405		0.00400	101	0.00395	J	0.00400	99
Copper	0.0101		0.0100	101	0.00967	J	0.0100	97	0.0100		0.0100	100
Iron	0.0509		0.0500	102	0.0563		0.0500	113	0.0592		0.0500	118
Lead	0.00928	J	0.0100	93	0.0103		0.0100	103	0.00961	J	0.0100	96
Magnesium	0.195	J	0.200	97	0.198	J	0.200	99	0.200		0.200	100
Manganese	0.00327		0.00300	109	0.00334		0.00300	111	0.00323		0.00300	108
Nickel	0.00959	J	0.0100	96	0.00935	J	0.0100	94	0.00925	J	0.0100	93
Potassium	0.504		0.500	101	0.468	J	0.500	94	0.472	J	0.500	94
Selenium	0.0197	J	0.0250	79	0.0208	J	0.0250	83	0.0200	J	0.0250	80
Silver	0.00546	J	0.00600	91	0.00590	J	0.00600	98	0.00474	J	0.00600	79
Sodium	1.00		1.01	99	1.05		1.01	104	1.06		1.01	105
Thallium	0.0201		0.0200	101	0.0209		0.0200	104	0.0223		0.0200	112
Vanadium	0.00508		0.00500	102	0.00504		0.00500	101	0.00489	J	0.00500	98
Zinc	0.0101		0.0100	101	0.0105		0.0100	105	0.0102		0.0100	102

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191099-1

SDG No.: _____

ICV Source: MEI_10_CCVL_00401 Concentration Units: mg/L

CCV Source: MEI_10_CCVL_00401

Analyte	CCVL 480-602425/43 10/28/2021 01:03											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	0.226		0.200	113								
Antimony	0.0227		0.0200	114								
Arsenic	0.0153		0.0150	102								
Barium	0.00217		0.00200	109								
Beryllium	0.00223		0.00200	112								
Cadmium	0.00222		0.00200	111								
Calcium	0.498	J	0.500	100								
Chromium	0.00420		0.00400	105								
Cobalt	0.00410		0.00400	103								
Copper	0.00992	J	0.0100	99								
Iron	0.0581		0.0500	116								
Lead	0.00971	J	0.0100	97								
Magnesium	0.195	J	0.200	97								
Manganese	0.00315		0.00300	105								
Nickel	0.00889	J	0.0100	89								
Potassium	0.475	J	0.500	95								
Selenium	0.0194	J	0.0250	78								
Silver	0.00510	J	0.00600	85								
Sodium	1.09		1.01	108								
Thallium	0.0214		0.0200	107								
Vanadium	0.00513		0.00500	103								
Zinc	0.0112		0.0100	112								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191099-1

SDG No.: _____

ICV Source: MEI_10_CCVL_00403 Concentration Units: mg/L

CCV Source: MEI_10_CCVL_00403

Analyte	ICVL 480-603032/7 11/01/2021 15:04				CCVL 480-603032/17 11/01/2021 15:54				CCVL 480-603032/26 11/01/2021 16:41			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Arsenic	0.0153		0.0150	102	0.0181		0.0150	121	0.0160		0.0150	107
<i>Aluminum</i>	0.218		0.200	109	0.252		0.200	126	0.202		0.200	101
<i>Antimony</i>	0.0167	J	0.0200	83	0.0192	J	0.0200	96	0.0205		0.0200	102
<i>Barium</i>	0.00220		0.00200	110	0.00215		0.00200	108	0.00224		0.00200	112
<i>Beryllium</i>	0.00223		0.00200	112	0.00202		0.00200	101	0.00193	J	0.00200	97
<i>Cadmium</i>	0.00204		0.00200	102	0.00194	J	0.00200	97	0.00208		0.00200	104
<i>Calcium</i>	0.506		0.500	101	0.501		0.500	100	0.509		0.500	102
<i>Chromium</i>	0.00415		0.00400	104	0.00385	J	0.00400	96	0.00384	J	0.00400	96
<i>Cobalt</i>	0.00394	J	0.00400	99	0.00375	J	0.00400	94	0.00374	J	0.00400	94
<i>Copper</i>	0.00995	J	0.0100	100	0.0103		0.0100	103	0.00942	J	0.0100	94
<i>Iron</i>	0.0491	J	0.0500	98	0.0443	J	0.0500	89	0.0482	J	0.0500	96
<i>Lead</i>	0.00939	J	0.0100	94	0.00962	J	0.0100	96	0.0100		0.0100	100
<i>Magnesium</i>	0.196	J	0.200	98	0.198	J	0.200	99	0.198	J	0.200	99
<i>Manganese</i>	0.00314		0.00300	105	0.00319		0.00300	106	0.00317		0.00300	106
<i>Nickel</i>	0.00953	J	0.0100	95	0.00951	J	0.0100	95	0.00989	J	0.0100	99
<i>Potassium</i>	0.496	J	0.500	99	0.484	J	0.500	97	0.527		0.500	105
<i>Selenium</i>	0.0222	J	0.0250	89	0.0209	J	0.0250	83	0.0213	J	0.0250	85
<i>Silver</i>	0.00586	J	0.00600	98	0.00584	J	0.00600	97	0.00589	J	0.00600	98
<i>Sodium</i>	0.954	J	1.01	95	0.935	J	1.01	93	0.961	J	1.01	95
<i>Thallium</i>	0.0194	J	0.0200	97	0.0191	J	0.0200	96	0.0191	J	0.0200	95
<i>Vanadium</i>	0.00499	J	0.00500	100	0.00527		0.00500	105	0.00528		0.00500	106
<i>Zinc</i>	0.0100		0.0100	100	0.00970	J	0.0100	97	0.0105		0.0100	105

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins TestAmerica, Buffalo

Job No.: 480-191099-1

SDG No.: _____

Concentration Units: mg/L

Analyte	RL	ICB 480-602425/6 10/27/2021 15:35		CCB 480-602425/19 10/27/2021 23:27		CCB 480-602425/30 10/28/2021 00:13		CCB 480-602425/42 10/28/2021 00:59	
		Found	C	Found	C	Found	C	Found	C
Aluminum	0.20	ND		ND		ND		ND	
Antimony	0.020	ND		ND		ND		ND	
Arsenic	0.015	ND		ND		ND		ND	
Barium	0.0020	ND		ND		ND		ND	
Beryllium	0.0020	ND		ND		ND		ND	
Cadmium	0.0020	ND		ND		ND		ND	
Calcium	0.50	ND		ND		ND		ND	
Chromium	0.0040	ND		ND		ND		ND	
Cobalt	0.0040	ND		ND		ND		ND	
Copper	0.010	ND		ND		ND		ND	
Iron	0.050	ND		ND		0.0199	J	ND	
Lead	0.010	ND		ND		ND		ND	
Magnesium	0.20	ND		ND		ND		ND	
Manganese	0.0030	ND		ND		ND		ND	
Nickel	0.010	ND		ND		ND		ND	
Potassium	0.50	ND		ND		ND		ND	
Selenium	0.025	ND		ND		ND		ND	
Silver	0.0060	ND		ND		ND		ND	
Sodium	1.0	ND		ND		ND		ND	
Thallium	0.020	ND		ND		ND		ND	
Vanadium	0.0050	ND		ND		ND		ND	
Zinc	0.010	ND		0.00187	J	ND		ND	

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-191099-1
 SDG No.: _____
 Concentration Units: mg/Kg Lab Sample ID: MB 480-601859/1-A
 Instrument Code: ICAP1 Batch No.: 602425

CAS No.	Analyte	Concentration	C	Q	Method
7429-90-5	Aluminum	ND			6010C
7440-36-0	Antimony	ND			6010C
7440-38-2	Arsenic	ND			6010C
7440-39-3	Barium	ND			6010C
7440-41-7	Beryllium	ND			6010C
7440-43-9	Cadmium	ND			6010C
7440-70-2	Calcium	ND			6010C
7440-47-3	Chromium	ND			6010C
7440-48-4	Cobalt	ND			6010C
7440-50-8	Copper	ND			6010C
7439-89-6	Iron	ND			6010C
7439-92-1	Lead	ND			6010C
7439-95-4	Magnesium	ND			6010C
7439-96-5	Manganese	0.0650	J		6010C
7440-02-0	Nickel	ND			6010C
7440-09-7	Potassium	ND			6010C
7782-49-2	Selenium	ND			6010C
7440-22-4	Silver	ND			6010C
7440-23-5	Sodium	ND			6010C
7440-28-0	Thallium	ND			6010C
7440-62-2	Vanadium	ND			6010C
7440-66-6	Zinc	ND			6010C

Data Usability Summary Report

Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

Nash Rd. LF #932054
Eurofins SDG#480-192046-1
March 1, 2022
Reissued: March 9, 2022
Sampling date: 11/8/2021

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

Nash Rd. LF #932054
SDG# 480-192046-1

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package(reissued: March 9, 2022) for LiRo Engineers, project located at Nash Rd. LF #932054, Eurofins SDG#480-192046-1 submitted to Vali-Data of WNY, LLC on December 8, 2021. This DUSR has been prepared in general compliance with USEPA National Functional Guidelines(NFG) and NYSDEC Analytical Services Protocols. The laboratory performed the analyses using USEPA method Volatile Organics (8260C), Semi-Volatile Organics (8270D), Pesticides (8081B), PCB (8082A), and Inorganics/Mercury (6010C, 7470A).

ID	Sample ID	Laboratory ID
1	LPZ-14S	480-192046-1
2	LPZ-15S	480-192046-2

The temperature of the sample was outside QC limits. They arrived at the laboratory within 3 hours of sampling, on ice, so no further action is required.

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Sample Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use.

Nash Rd. LF #932054

SDG# 480-192046-1

Samples: LPZ-14S and LPZ-15S were diluted due to foaming.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All criteria were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was acquired for this analysis.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on some target analytes, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

GC/MS PERFORMANCE CHECK

All criteria were met.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Method Blank.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met except Bis(2-ethylhexyl)phthalate was detected above the MDL, below the reporting limit and is qualified as estimated in MB 480-604323/1-A. This target analyte was not detected in the samples, so no further action is required.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was acquired for this analysis.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on some target analytes, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

GC/MS PERFORMANCE CHECK

All criteria were met.

PESTICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision

Nash Rd. LF #932054

SDG# 480-192046-1

- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Method Blank, Laboratory Control Samples and Compound Quantitation.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the samples were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met except Endrin aldehyde was detected above the MDL, below the reporting limit and is qualified as estimated in MB 480-604400/1-A. This target analyte was not detected in the samples, so no further action is required.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met except the RPD of Aldrin and 4,4'-DDE was outside QC limits between the columns in LCS 480-604400/2-A and should be qualified as estimated.

MS/MSD

No MS/MSD was acquired for this analysis.

COMPOUND QUANTITATION

All criteria were met except the RPD of Endrin Ketone was outside QC limits between the columns in LPZ-14S and should be qualified as estimated.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used on all target analytes and surrogates, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

PCB

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
-

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Initial Calibration and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was acquired for this analysis.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met except the %D of Aroclor 1268 p 4 was outside QC limits off both columns in ICV 480-581108/25. This target analyte should be qualified as estimated in the blank, spike and samples.

Alternate forms of regression were used on all of the target analytes and surrogates, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except some target analytes were outside QC limits in the continuing calibration. These target analytes should be qualified as estimated in the associated blank, spike and samples off the associated column.

Ccal ID	TA/Surrogate	Column	Qualifier	Associated Sample
CCV 480-604531/54	Aroclor 1016 p1-3, 5	ZB-35	UJ/J	1, 2
CCV 480-604531/54	Aroclor 1260 p1,3	ZB-35	UJ/J	1, 2

Some target analytes were outside laboratory QC limits but were within NFG QC limits, so no further action is required.

Some target analytes were outside QC limits on the confirmatory column, so no further action is required.

METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Blanks
- Laboratory Control Sample
- MS/MSD/Duplicate
- Field Duplicate
- Serial Dilution
- Compound Quantitation
- Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

BLANKS

All criteria were met.

LABORATORY CONTROL SAMPLE

All criteria were met.

MS/MSD/DUPLICATE

All criteria were met.

FIELD DUPLICATE

No field duplicate was acquired.

SERIAL DILUTION

All criteria were met.

COMPOUND QUANTITATION

All criteria were met.

CALIBRATION

All criteria were met except the %D of some target analytes was outside QC limits. These target analytes should be qualified as estimated in the associated samples, blanks and spikes.

Calibration ID	Target Analyte	%D	Qualifier	Associated Sample
ICVL 480-604632/7	Al	85	UJ/J	MB/LCS 480-604302, 1, 2, 1MS/MSD
ICVL 480-604632/7	Fe	111	JH	LCS 480-604302, 1, 2, 1MS/MSD
CCVL 480-604632/19	K	82	UJ/J	MB/LCS 480-604302, 1
CCVL 480-604632/19	Fe	114	JH	LCS 480-604302, 1
CCVL 480-604632/19	Zn	111	JH	LCS 480-604302, 1
CCVL 480-604632/25	Al	89	UJ/J	MB/LCS 480-604302, 1, 2, 1MS/MSD
CCVL 480-604632/25	K	82	UJ/J	MB/LCS 480-604302, 1, 2, 1MS/MSD
CCVL 480-604632/25	Se	88	UJ/J	MB/LCS 480-604302, 1, 2, 1MS/MSD
CCVL 480-604632/25	Fe	122	JH	LCS 480-604302, 1, 2, 1MS/MSD
CCVL 480-604632/37	K	79	UJ/J	2, 1MS/MSD
CCVL 480-604632/37	Se	84	UJ/J	2, 1MS/MSD
CCVL 480-604632/37	Ag	87	UJ/J	2, 1MS/MSD
CCVL 480-604632/37	Fe	113	JH	2, 1MS/MSD

Job Narrative
480-192046-1

Revision (1)

The report is revised to include ICV and CCV data for toxaphene and mirex as requested by the validator.

Receipt

The samples were received on 11/8/2021 11:45 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 7.6° C.

GC/MS VOA

Method 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: LPZ-14S (480-192046-1) and LPZ-15S (480-192046-2). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-604776 recovered outside acceptance criteria, low biased, for 2-Hexanone. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte, the data are reported. The associated samples are impacted: LPZ-14S (480-192046-1) and LPZ-15S (480-192046-2).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA

Method 8270D: The continuing calibration verification (CCV) associated with batch 480-604693 recovered outside acceptance criteria, low biased, for Hexachlorocyclopentadiene. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte, the data are reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

Method 8082A: The following samples are associated with a continuing calibration verification (CCV 480-604531/54) that had recoveries above acceptance limits for the surrogate Tetrachloro-m-xylene: LPZ-14S (480-192046-1) and LPZ-15S (480-192046-2). The secondary surrogate Decachlorobiphenyl is within limits. Therefore, the data have been reported.

Method 8082A: The continuing calibration verification (CCV) associated with batch 480-604531 recovered above the upper control limit for PCB-1016 and PCB-1260. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: LPZ-14S (480-192046-1) and LPZ-15S (480-192046-2).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-192046-1

Client Sample ID: LPZ-14S

Lab Sample ID: 480-192046-1

Date Collected: 11/08/21 09:00

Matrix: Water

Date Received: 11/08/21 11:45

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			11/13/21 15:07	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			11/13/21 15:07	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			11/13/21 15:07	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			11/13/21 15:07	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			11/13/21 15:07	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			11/13/21 15:07	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			11/13/21 15:07	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			11/13/21 15:07	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			11/13/21 15:07	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			11/13/21 15:07	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			11/13/21 15:07	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			11/13/21 15:07	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			11/13/21 15:07	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			11/13/21 15:07	2
2-Butanone (MEK)	ND		20	2.6	ug/L			11/13/21 15:07	2
2-Hexanone	ND		10	2.5	ug/L			11/13/21 15:07	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			11/13/21 15:07	2
Acetone	ND		20	6.0	ug/L			11/13/21 15:07	2
Benzene	ND		2.0	0.82	ug/L			11/13/21 15:07	2
Bromodichloromethane	ND		2.0	0.78	ug/L			11/13/21 15:07	2
Bromoform	ND		2.0	0.52	ug/L			11/13/21 15:07	2
Bromomethane	ND		2.0	1.4	ug/L			11/13/21 15:07	2
Carbon disulfide	ND		2.0	0.38	ug/L			11/13/21 15:07	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			11/13/21 15:07	2
Chlorobenzene	ND		2.0	1.5	ug/L			11/13/21 15:07	2
Chloroethane	ND		2.0	0.64	ug/L			11/13/21 15:07	2
Chloroform	ND		2.0	0.68	ug/L			11/13/21 15:07	2
Chloromethane	ND		2.0	0.70	ug/L			11/13/21 15:07	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			11/13/21 15:07	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			11/13/21 15:07	2
Cyclohexane	ND		2.0	0.36	ug/L			11/13/21 15:07	2
Dibromochloromethane	ND		2.0	0.64	ug/L			11/13/21 15:07	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			11/13/21 15:07	2
Ethylbenzene	ND		2.0	1.5	ug/L			11/13/21 15:07	2
Isopropylbenzene	ND		2.0	1.6	ug/L			11/13/21 15:07	2
Methyl acetate	ND		5.0	2.6	ug/L			11/13/21 15:07	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			11/13/21 15:07	2
Methylcyclohexane	ND		2.0	0.32	ug/L			11/13/21 15:07	2
Methylene Chloride	ND		2.0	0.88	ug/L			11/13/21 15:07	2
Styrene	ND		2.0	1.5	ug/L			11/13/21 15:07	2
Tetrachloroethene	ND		2.0	0.72	ug/L			11/13/21 15:07	2
Toluene	ND		2.0	1.0	ug/L			11/13/21 15:07	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			11/13/21 15:07	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			11/13/21 15:07	2
Trichloroethene	ND		2.0	0.92	ug/L			11/13/21 15:07	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			11/13/21 15:07	2
Vinyl chloride	ND		2.0	1.8	ug/L			11/13/21 15:07	2
Xylenes, Total	ND		4.0	1.3	ug/L			11/13/21 15:07	2

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-192046-1

Client Sample ID: LPZ-14S

Lab Sample ID: 480-192046-1

Date Collected: 11/08/21 09:00

Matrix: Water

Date Received: 11/08/21 11:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		11/13/21 15:07	2
4-Bromofluorobenzene (Surr)	100		73 - 120		11/13/21 15:07	2
Toluene-d8 (Surr)	101		80 - 120		11/13/21 15:07	2

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/10/21 15:14	11/13/21 04:54	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/10/21 15:14	11/13/21 04:54	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/10/21 15:14	11/13/21 04:54	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/10/21 15:14	11/13/21 04:54	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/10/21 15:14	11/13/21 04:54	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/10/21 15:14	11/13/21 04:54	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/10/21 15:14	11/13/21 04:54	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/10/21 15:14	11/13/21 04:54	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/10/21 15:14	11/13/21 04:54	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/10/21 15:14	11/13/21 04:54	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/10/21 15:14	11/13/21 04:54	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/10/21 15:14	11/13/21 04:54	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/10/21 15:14	11/13/21 04:54	1
2-Nitroaniline	ND		10	0.42	ug/L		11/10/21 15:14	11/13/21 04:54	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/10/21 15:14	11/13/21 04:54	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/10/21 15:14	11/13/21 04:54	1
3-Nitroaniline	ND		10	0.48	ug/L		11/10/21 15:14	11/13/21 04:54	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/10/21 15:14	11/13/21 04:54	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/10/21 15:14	11/13/21 04:54	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/10/21 15:14	11/13/21 04:54	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/10/21 15:14	11/13/21 04:54	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/10/21 15:14	11/13/21 04:54	1
4-Methylphenol	ND		10	0.36	ug/L		11/10/21 15:14	11/13/21 04:54	1
4-Nitroaniline	ND		10	0.25	ug/L		11/10/21 15:14	11/13/21 04:54	1
4-Nitrophenol	ND		10	1.5	ug/L		11/10/21 15:14	11/13/21 04:54	1
Acenaphthene	ND		5.0	0.41	ug/L		11/10/21 15:14	11/13/21 04:54	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/10/21 15:14	11/13/21 04:54	1
Acetophenone	ND		5.0	0.54	ug/L		11/10/21 15:14	11/13/21 04:54	1
Anthracene	ND		5.0	0.28	ug/L		11/10/21 15:14	11/13/21 04:54	1
Atrazine	ND		5.0	0.46	ug/L		11/10/21 15:14	11/13/21 04:54	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/10/21 15:14	11/13/21 04:54	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/10/21 15:14	11/13/21 04:54	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/10/21 15:14	11/13/21 04:54	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/10/21 15:14	11/13/21 04:54	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/10/21 15:14	11/13/21 04:54	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/10/21 15:14	11/13/21 04:54	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/10/21 15:14	11/13/21 04:54	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/10/21 15:14	11/13/21 04:54	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/10/21 15:14	11/13/21 04:54	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/10/21 15:14	11/13/21 04:54	1
Caprolactam	ND		5.0	2.2	ug/L		11/10/21 15:14	11/13/21 04:54	1
Carbazole	ND		5.0	0.30	ug/L		11/10/21 15:14	11/13/21 04:54	1
Chrysene	ND		5.0	0.33	ug/L		11/10/21 15:14	11/13/21 04:54	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/10/21 15:14	11/13/21 04:54	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-192046-1

Client Sample ID: LPZ-14S

Lab Sample ID: 480-192046-1

Date Collected: 11/08/21 09:00

Matrix: Water

Date Received: 11/08/21 11:45

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/10/21 15:14	11/13/21 04:54	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/10/21 15:14	11/13/21 04:54	1
Dibenzofuran	ND		10	0.51	ug/L		11/10/21 15:14	11/13/21 04:54	1
Diethyl phthalate	1.2	J	5.0	0.22	ug/L		11/10/21 15:14	11/13/21 04:54	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/10/21 15:14	11/13/21 04:54	1
Fluoranthene	ND		5.0	0.40	ug/L		11/10/21 15:14	11/13/21 04:54	1
Fluorene	ND		5.0	0.36	ug/L		11/10/21 15:14	11/13/21 04:54	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/10/21 15:14	11/13/21 04:54	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/10/21 15:14	11/13/21 04:54	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/10/21 15:14	11/13/21 04:54	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/10/21 15:14	11/13/21 04:54	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/10/21 15:14	11/13/21 04:54	1
Isophorone	ND		5.0	0.43	ug/L		11/10/21 15:14	11/13/21 04:54	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/10/21 15:14	11/13/21 04:54	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/10/21 15:14	11/13/21 04:54	1
Naphthalene	ND		5.0	0.76	ug/L		11/10/21 15:14	11/13/21 04:54	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/10/21 15:14	11/13/21 04:54	1
Pentachlorophenol	ND		10	2.2	ug/L		11/10/21 15:14	11/13/21 04:54	1
Phenanthrene	ND		5.0	0.44	ug/L		11/10/21 15:14	11/13/21 04:54	1
Phenol	ND		5.0	0.39	ug/L		11/10/21 15:14	11/13/21 04:54	1
Pyrene	ND		5.0	0.34	ug/L		11/10/21 15:14	11/13/21 04:54	1
Benzoic acid	ND		150	100	ug/L		11/10/21 15:14	11/13/21 04:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	113		41 - 120	11/10/21 15:14	11/13/21 04:54	1
2-Fluorobiphenyl	112		48 - 120	11/10/21 15:14	11/13/21 04:54	1
2-Fluorophenol	84		35 - 120	11/10/21 15:14	11/13/21 04:54	1
Nitrobenzene-d5	99		46 - 120	11/10/21 15:14	11/13/21 04:54	1
p-Terphenyl-d14	73		60 - 148	11/10/21 15:14	11/13/21 04:54	1
Phenol-d5	61		22 - 120	11/10/21 15:14	11/13/21 04:54	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/11/21 09:18	11/12/21 13:20	1
4,4'-DDE	ND		0.050	0.012	ug/L		11/11/21 09:18	11/12/21 13:20	1
4,4'-DDT	ND		0.050	0.011	ug/L		11/11/21 09:18	11/12/21 13:20	1
Aldrin	ND		0.050	0.0081	ug/L		11/11/21 09:18	11/12/21 13:20	1
alpha-BHC	ND		0.050	0.0077	ug/L		11/11/21 09:18	11/12/21 13:20	1
cis-Chlordane	ND		0.050	0.015	ug/L		11/11/21 09:18	11/12/21 13:20	1
beta-BHC	ND		0.050	0.025	ug/L		11/11/21 09:18	11/12/21 13:20	1
delta-BHC	ND		0.050	0.010	ug/L		11/11/21 09:18	11/12/21 13:20	1
Dieldrin	ND		0.050	0.0098	ug/L		11/11/21 09:18	11/12/21 13:20	1
Endosulfan I	ND		0.050	0.011	ug/L		11/11/21 09:18	11/12/21 13:20	1
Endosulfan II	ND		0.050	0.012	ug/L		11/11/21 09:18	11/12/21 13:20	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		11/11/21 09:18	11/12/21 13:20	1
Endrin	ND		0.050	0.014	ug/L		11/11/21 09:18	11/12/21 13:20	1
Endrin aldehyde	ND		0.050	0.016	ug/L		11/11/21 09:18	11/12/21 13:20	1
Endrin ketone	0.031	J	0.050	0.012	ug/L		11/11/21 09:18	11/12/21 13:20	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		11/11/21 09:18	11/12/21 13:20	1
trans-Chlordane	ND		0.050	0.011	ug/L		11/11/21 09:18	11/12/21 13:20	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-192046-1

Client Sample ID: LPZ-14S

Lab Sample ID: 480-192046-1

Date Collected: 11/08/21 09:00

Matrix: Water

Date Received: 11/08/21 11:45

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		0.050	0.0085	ug/L		11/11/21 09:18	11/12/21 13:20	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		11/11/21 09:18	11/12/21 13:20	1
Methoxychlor	ND		0.050	0.014	ug/L		11/11/21 09:18	11/12/21 13:20	1
Toxaphene	ND		0.50	0.12	ug/L		11/11/21 09:18	11/12/21 13:20	1
Mirex	ND		0.050	0.0096	ug/L		11/11/21 09:18	11/12/21 13:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	77		20 - 120	11/11/21 09:18	11/12/21 13:20	1
DCB Decachlorobiphenyl	73		20 - 120	11/11/21 09:18	11/12/21 13:20	1
Tetrachloro-m-xylene	85		44 - 120	11/11/21 09:18	11/12/21 13:20	1
Tetrachloro-m-xylene	107		44 - 120	11/11/21 09:18	11/12/21 13:20	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/10/21 14:19	11/12/21 02:08	1
PCB-1221	ND		0.50	0.18	ug/L		11/10/21 14:19	11/12/21 02:08	1
PCB-1232	ND		0.50	0.18	ug/L		11/10/21 14:19	11/12/21 02:08	1
PCB-1242	ND		0.50	0.18	ug/L		11/10/21 14:19	11/12/21 02:08	1
PCB-1248	ND		0.50	0.18	ug/L		11/10/21 14:19	11/12/21 02:08	1
PCB-1254	ND		0.50	0.25	ug/L		11/10/21 14:19	11/12/21 02:08	1
PCB-1260	ND		0.50	0.25	ug/L		11/10/21 14:19	11/12/21 02:08	1
PCB-1262	ND		0.50	0.25	ug/L		11/10/21 14:19	11/12/21 02:08	1
PCB-1268	ND		0.50	0.25	ug/L		11/10/21 14:19	11/12/21 02:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	80		39 - 121	11/10/21 14:19	11/12/21 02:08	1
Tetrachloro-m-xylene	91		39 - 121	11/10/21 14:19	11/12/21 02:08	1
DCB Decachlorobiphenyl	54		19 - 120	11/10/21 14:19	11/12/21 02:08	1
DCB Decachlorobiphenyl	55		19 - 120	11/10/21 14:19	11/12/21 02:08	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/10/21 14:06	11/11/21 22:36	1
Antimony	ND		0.020	0.0068	mg/L		11/10/21 14:06	11/11/21 22:36	1
Arsenic	ND		0.015	0.0056	mg/L		11/10/21 14:06	11/11/21 22:36	1
Barium	0.37		0.0020	0.00070	mg/L		11/10/21 14:06	11/11/21 22:36	1
Beryllium	ND		0.0020	0.00030	mg/L		11/10/21 14:06	11/11/21 22:36	1
Cadmium	ND		0.0020	0.00050	mg/L		11/10/21 14:06	11/12/21 11:19	1
Calcium	181		0.50	0.10	mg/L		11/10/21 14:06	11/11/21 22:36	1
Chromium	ND		0.0040	0.0010	mg/L		11/10/21 14:06	11/11/21 22:36	1
Cobalt	0.0040		0.0040	0.00063	mg/L		11/10/21 14:06	11/11/21 22:36	1
Copper	0.0020	J	0.010	0.0016	mg/L		11/10/21 14:06	11/11/21 22:36	1
Iron	12.6		0.050	0.019	mg/L		11/10/21 14:06	11/11/21 22:36	1
Lead	ND		0.010	0.0030	mg/L		11/10/21 14:06	11/11/21 22:36	1
Magnesium	60.5		0.20	0.043	mg/L		11/10/21 14:06	11/11/21 22:36	1
Manganese	0.45		0.0030	0.00040	mg/L		11/10/21 14:06	11/11/21 22:36	1
Nickel	0.0048	J	0.010	0.0013	mg/L		11/10/21 14:06	11/11/21 22:36	1
Potassium	7.6		0.50	0.10	mg/L		11/10/21 14:06	11/11/21 22:36	1
Selenium	ND		0.025	0.0087	mg/L		11/10/21 14:06	11/11/21 22:36	1
Silver	ND		0.0060	0.0017	mg/L		11/10/21 14:06	11/11/21 22:36	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-192046-1

Client Sample ID: LPZ-14S

Lab Sample ID: 480-192046-1

Date Collected: 11/08/21 09:00

Matrix: Water

Date Received: 11/08/21 11:45

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	24.4		1.0	0.32	mg/L		11/10/21 14:06	11/11/21 22:36	1
Thallium	ND		0.020	0.010	mg/L		11/10/21 14:06	11/11/21 22:36	1
Vanadium	ND		0.0050	0.0015	mg/L		11/10/21 14:06	11/11/21 22:36	1
Zinc	0.0096	J	0.010	0.0015	mg/L		11/10/21 14:06	11/11/21 22:36	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		11/11/21 13:10	11/11/21 16:37	1

Client Sample ID: LPZ-15S

Lab Sample ID: 480-192046-2

Date Collected: 11/08/21 10:10

Matrix: Water

Date Received: 11/08/21 11:45

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			11/13/21 15:29	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			11/13/21 15:29	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			11/13/21 15:29	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			11/13/21 15:29	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			11/13/21 15:29	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			11/13/21 15:29	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			11/13/21 15:29	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			11/13/21 15:29	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			11/13/21 15:29	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			11/13/21 15:29	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			11/13/21 15:29	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			11/13/21 15:29	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			11/13/21 15:29	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			11/13/21 15:29	2
2-Butanone (MEK)	ND		20	2.6	ug/L			11/13/21 15:29	2
2-Hexanone	ND		10	2.5	ug/L			11/13/21 15:29	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			11/13/21 15:29	2
Acetone	ND		20	6.0	ug/L			11/13/21 15:29	2
Benzene	ND		2.0	0.82	ug/L			11/13/21 15:29	2
Bromodichloromethane	ND		2.0	0.78	ug/L			11/13/21 15:29	2
Bromoform	ND		2.0	0.52	ug/L			11/13/21 15:29	2
Bromomethane	ND		2.0	1.4	ug/L			11/13/21 15:29	2
Carbon disulfide	ND		2.0	0.38	ug/L			11/13/21 15:29	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			11/13/21 15:29	2
Chlorobenzene	6.5		2.0	1.5	ug/L			11/13/21 15:29	2
Chloroethane	ND		2.0	0.64	ug/L			11/13/21 15:29	2
Chloroform	ND		2.0	0.68	ug/L			11/13/21 15:29	2
Chloromethane	ND		2.0	0.70	ug/L			11/13/21 15:29	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			11/13/21 15:29	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			11/13/21 15:29	2
Cyclohexane	ND		2.0	0.36	ug/L			11/13/21 15:29	2
Dibromochloromethane	ND		2.0	0.64	ug/L			11/13/21 15:29	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			11/13/21 15:29	2
Ethylbenzene	ND		2.0	1.5	ug/L			11/13/21 15:29	2
Isopropylbenzene	ND		2.0	1.6	ug/L			11/13/21 15:29	2

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-192046-1

Client Sample ID: LPZ-15S

Lab Sample ID: 480-192046-2

Date Collected: 11/08/21 10:10

Matrix: Water

Date Received: 11/08/21 11:45

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl acetate	ND		5.0	2.6	ug/L			11/13/21 15:29	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			11/13/21 15:29	2
Methylcyclohexane	ND		2.0	0.32	ug/L			11/13/21 15:29	2
Methylene Chloride	ND		2.0	0.88	ug/L			11/13/21 15:29	2
Styrene	ND		2.0	1.5	ug/L			11/13/21 15:29	2
Tetrachloroethene	ND		2.0	0.72	ug/L			11/13/21 15:29	2
Toluene	ND		2.0	1.0	ug/L			11/13/21 15:29	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			11/13/21 15:29	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			11/13/21 15:29	2
Trichloroethene	ND		2.0	0.92	ug/L			11/13/21 15:29	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			11/13/21 15:29	2
Vinyl chloride	ND		2.0	1.8	ug/L			11/13/21 15:29	2
Xylenes, Total	ND		4.0	1.3	ug/L			11/13/21 15:29	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		11/13/21 15:29	2
4-Bromofluorobenzene (Surr)	98		73 - 120		11/13/21 15:29	2
Toluene-d8 (Surr)	102		80 - 120		11/13/21 15:29	2

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		11/10/21 15:14	11/13/21 05:21	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		11/10/21 15:14	11/13/21 05:21	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		11/10/21 15:14	11/13/21 05:21	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		11/10/21 15:14	11/13/21 05:21	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		11/10/21 15:14	11/13/21 05:21	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		11/10/21 15:14	11/13/21 05:21	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		11/10/21 15:14	11/13/21 05:21	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		11/10/21 15:14	11/13/21 05:21	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		11/10/21 15:14	11/13/21 05:21	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		11/10/21 15:14	11/13/21 05:21	1
2-Chlorophenol	ND		5.0	0.53	ug/L		11/10/21 15:14	11/13/21 05:21	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		11/10/21 15:14	11/13/21 05:21	1
2-Methylphenol	ND		5.0	0.40	ug/L		11/10/21 15:14	11/13/21 05:21	1
2-Nitroaniline	ND		10	0.42	ug/L		11/10/21 15:14	11/13/21 05:21	1
2-Nitrophenol	ND		5.0	0.48	ug/L		11/10/21 15:14	11/13/21 05:21	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		11/10/21 15:14	11/13/21 05:21	1
3-Nitroaniline	ND		10	0.48	ug/L		11/10/21 15:14	11/13/21 05:21	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		11/10/21 15:14	11/13/21 05:21	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		11/10/21 15:14	11/13/21 05:21	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		11/10/21 15:14	11/13/21 05:21	1
4-Chloroaniline	ND		5.0	0.59	ug/L		11/10/21 15:14	11/13/21 05:21	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		11/10/21 15:14	11/13/21 05:21	1
4-Methylphenol	ND		10	0.36	ug/L		11/10/21 15:14	11/13/21 05:21	1
4-Nitroaniline	ND		10	0.25	ug/L		11/10/21 15:14	11/13/21 05:21	1
4-Nitrophenol	ND		10	1.5	ug/L		11/10/21 15:14	11/13/21 05:21	1
Acenaphthene	0.42	J	5.0	0.41	ug/L		11/10/21 15:14	11/13/21 05:21	1
Acenaphthylene	ND		5.0	0.38	ug/L		11/10/21 15:14	11/13/21 05:21	1
Acetophenone	ND		5.0	0.54	ug/L		11/10/21 15:14	11/13/21 05:21	1
Anthracene	ND		5.0	0.28	ug/L		11/10/21 15:14	11/13/21 05:21	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-192046-1

Client Sample ID: LPZ-15S

Lab Sample ID: 480-192046-2

Date Collected: 11/08/21 10:10

Matrix: Water

Date Received: 11/08/21 11:45

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	ND		5.0	0.46	ug/L		11/10/21 15:14	11/13/21 05:21	1
Benzaldehyde	ND		5.0	0.27	ug/L		11/10/21 15:14	11/13/21 05:21	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		11/10/21 15:14	11/13/21 05:21	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		11/10/21 15:14	11/13/21 05:21	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		11/10/21 15:14	11/13/21 05:21	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		11/10/21 15:14	11/13/21 05:21	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		11/10/21 15:14	11/13/21 05:21	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		11/10/21 15:14	11/13/21 05:21	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		11/10/21 15:14	11/13/21 05:21	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/10/21 15:14	11/13/21 05:21	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		11/10/21 15:14	11/13/21 05:21	1
Caprolactam	ND		5.0	2.2	ug/L		11/10/21 15:14	11/13/21 05:21	1
Carbazole	0.79	J	5.0	0.30	ug/L		11/10/21 15:14	11/13/21 05:21	1
Chrysene	ND		5.0	0.33	ug/L		11/10/21 15:14	11/13/21 05:21	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		11/10/21 15:14	11/13/21 05:21	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		11/10/21 15:14	11/13/21 05:21	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		11/10/21 15:14	11/13/21 05:21	1
Dibenzofuran	ND		10	0.51	ug/L		11/10/21 15:14	11/13/21 05:21	1
Diethyl phthalate	0.23	J	5.0	0.22	ug/L		11/10/21 15:14	11/13/21 05:21	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		11/10/21 15:14	11/13/21 05:21	1
Fluoranthene	ND		5.0	0.40	ug/L		11/10/21 15:14	11/13/21 05:21	1
Fluorene	ND		5.0	0.36	ug/L		11/10/21 15:14	11/13/21 05:21	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		11/10/21 15:14	11/13/21 05:21	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		11/10/21 15:14	11/13/21 05:21	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		11/10/21 15:14	11/13/21 05:21	1
Hexachloroethane	ND		5.0	0.59	ug/L		11/10/21 15:14	11/13/21 05:21	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		11/10/21 15:14	11/13/21 05:21	1
Isophorone	ND		5.0	0.43	ug/L		11/10/21 15:14	11/13/21 05:21	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		11/10/21 15:14	11/13/21 05:21	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		11/10/21 15:14	11/13/21 05:21	1
Naphthalene	ND		5.0	0.76	ug/L		11/10/21 15:14	11/13/21 05:21	1
Nitrobenzene	ND		5.0	0.29	ug/L		11/10/21 15:14	11/13/21 05:21	1
Pentachlorophenol	ND		10	2.2	ug/L		11/10/21 15:14	11/13/21 05:21	1
Phenanthrene	ND		5.0	0.44	ug/L		11/10/21 15:14	11/13/21 05:21	1
Phenol	ND		5.0	0.39	ug/L		11/10/21 15:14	11/13/21 05:21	1
Pyrene	ND		5.0	0.34	ug/L		11/10/21 15:14	11/13/21 05:21	1
Benzoic acid	ND		150	100	ug/L		11/10/21 15:14	11/13/21 05:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	110		41 - 120	11/10/21 15:14	11/13/21 05:21	1
2-Fluorobiphenyl	112		48 - 120	11/10/21 15:14	11/13/21 05:21	1
2-Fluorophenol	80		35 - 120	11/10/21 15:14	11/13/21 05:21	1
Nitrobenzene-d5	94		46 - 120	11/10/21 15:14	11/13/21 05:21	1
p-Terphenyl-d14	75		60 - 148	11/10/21 15:14	11/13/21 05:21	1
Phenol-d5	61		22 - 120	11/10/21 15:14	11/13/21 05:21	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		11/11/21 09:18	11/12/21 13:39	1
4,4'-DDE	ND		0.050	0.012	ug/L		11/11/21 09:18	11/12/21 13:39	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-192046-1

Client Sample ID: LPZ-15S

Lab Sample ID: 480-192046-2

Date Collected: 11/08/21 10:10

Matrix: Water

Date Received: 11/08/21 11:45

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	ND		0.050	0.011	ug/L		11/11/21 09:18	11/12/21 13:39	1
Aldrin	ND		0.050	0.0081	ug/L		11/11/21 09:18	11/12/21 13:39	1
alpha-BHC	ND		0.050	0.0077	ug/L		11/11/21 09:18	11/12/21 13:39	1
cis-Chlordane	ND		0.050	0.015	ug/L		11/11/21 09:18	11/12/21 13:39	1
beta-BHC	ND		0.050	0.025	ug/L		11/11/21 09:18	11/12/21 13:39	1
delta-BHC	ND		0.050	0.010	ug/L		11/11/21 09:18	11/12/21 13:39	1
Dieldrin	ND		0.050	0.0098	ug/L		11/11/21 09:18	11/12/21 13:39	1
Endosulfan I	ND		0.050	0.011	ug/L		11/11/21 09:18	11/12/21 13:39	1
Endosulfan II	ND		0.050	0.012	ug/L		11/11/21 09:18	11/12/21 13:39	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		11/11/21 09:18	11/12/21 13:39	1
Endrin	ND		0.050	0.014	ug/L		11/11/21 09:18	11/12/21 13:39	1
Endrin aldehyde	ND		0.050	0.016	ug/L		11/11/21 09:18	11/12/21 13:39	1
Endrin ketone	ND		0.050	0.012	ug/L		11/11/21 09:18	11/12/21 13:39	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		11/11/21 09:18	11/12/21 13:39	1
trans-Chlordane	ND		0.050	0.011	ug/L		11/11/21 09:18	11/12/21 13:39	1
Heptachlor	ND		0.050	0.0085	ug/L		11/11/21 09:18	11/12/21 13:39	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		11/11/21 09:18	11/12/21 13:39	1
Methoxychlor	ND		0.050	0.014	ug/L		11/11/21 09:18	11/12/21 13:39	1
Toxaphene	ND		0.50	0.12	ug/L		11/11/21 09:18	11/12/21 13:39	1
Mirex	ND		0.050	0.0096	ug/L		11/11/21 09:18	11/12/21 13:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	56		20 - 120	11/11/21 09:18	11/12/21 13:39	1
DCB Decachlorobiphenyl	50		20 - 120	11/11/21 09:18	11/12/21 13:39	1
Tetrachloro-m-xylene	85		44 - 120	11/11/21 09:18	11/12/21 13:39	1
Tetrachloro-m-xylene	104		44 - 120	11/11/21 09:18	11/12/21 13:39	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		11/10/21 14:19	11/12/21 02:21	1
PCB-1221	ND		0.50	0.18	ug/L		11/10/21 14:19	11/12/21 02:21	1
PCB-1232	ND		0.50	0.18	ug/L		11/10/21 14:19	11/12/21 02:21	1
PCB-1242	ND		0.50	0.18	ug/L		11/10/21 14:19	11/12/21 02:21	1
PCB-1248	ND		0.50	0.18	ug/L		11/10/21 14:19	11/12/21 02:21	1
PCB-1254	ND		0.50	0.25	ug/L		11/10/21 14:19	11/12/21 02:21	1
PCB-1260	ND		0.50	0.25	ug/L		11/10/21 14:19	11/12/21 02:21	1
PCB-1262	ND		0.50	0.25	ug/L		11/10/21 14:19	11/12/21 02:21	1
PCB-1268	ND		0.50	0.25	ug/L		11/10/21 14:19	11/12/21 02:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	86		39 - 121	11/10/21 14:19	11/12/21 02:21	1
Tetrachloro-m-xylene	94		39 - 121	11/10/21 14:19	11/12/21 02:21	1
DCB Decachlorobiphenyl	57		19 - 120	11/10/21 14:19	11/12/21 02:21	1
DCB Decachlorobiphenyl	60		19 - 120	11/10/21 14:19	11/12/21 02:21	1

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		11/10/21 14:06	11/11/21 23:07	1
Antimony	ND		0.020	0.0068	mg/L		11/10/21 14:06	11/11/21 23:07	1
Arsenic	ND		0.015	0.0056	mg/L		11/10/21 14:06	11/11/21 23:07	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: Niagara Sanitation Wheatfield #932054

Job ID: 480-192046-1

Client Sample ID: LPZ-15S

Lab Sample ID: 480-192046-2

Date Collected: 11/08/21 10:10

Matrix: Water

Date Received: 11/08/21 11:45

Method: 6010C - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.35		0.0020	0.00070	mg/L		11/10/21 14:06	11/11/21 23:07	1
Beryllium	ND		0.0020	0.00030	mg/L		11/10/21 14:06	11/11/21 23:07	1
Cadmium	ND		0.0020	0.00050	mg/L		11/10/21 14:06	11/12/21 11:39	1
Calcium	203		0.50	0.10	mg/L		11/10/21 14:06	11/11/21 23:07	1
Chromium	ND		0.0040	0.0010	mg/L		11/10/21 14:06	11/11/21 23:07	1
Cobalt	0.0023	J	0.0040	0.00063	mg/L		11/10/21 14:06	11/11/21 23:07	1
Copper	ND		0.010	0.0016	mg/L		11/10/21 14:06	11/11/21 23:07	1
Iron	28.7		0.050	0.019	mg/L		11/10/21 14:06	11/11/21 23:07	1
Lead	ND		0.010	0.0030	mg/L		11/10/21 14:06	11/11/21 23:07	1
Magnesium	54.6		0.20	0.043	mg/L		11/10/21 14:06	11/11/21 23:07	1
Manganese	0.44		0.0030	0.00040	mg/L		11/10/21 14:06	11/11/21 23:07	1
Nickel	0.0026	J	0.010	0.0013	mg/L		11/10/21 14:06	11/11/21 23:07	1
Potassium	6.7		0.50	0.10	mg/L		11/10/21 14:06	11/11/21 23:07	1
Selenium	ND		0.025	0.0087	mg/L		11/10/21 14:06	11/11/21 23:07	1
Silver	ND		0.0060	0.0017	mg/L		11/10/21 14:06	11/11/21 23:07	1
Sodium	14.7		1.0	0.32	mg/L		11/10/21 14:06	11/11/21 23:07	1
Thallium	ND		0.020	0.010	mg/L		11/10/21 14:06	11/11/21 23:07	1
Vanadium	ND		0.0050	0.0015	mg/L		11/10/21 14:06	11/11/21 23:07	1
Zinc	ND		0.010	0.0015	mg/L		11/10/21 14:06	11/11/21 23:07	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		11/11/21 13:10	11/11/21 16:39	1

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Buffalo</u>	Job No.: <u>480-192046-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>MB 480-604323/1-A</u>
Matrix: <u>Water</u>	Lab File ID: <u>W10017931.d</u>
Analysis Method: <u>8270D</u>	Date Collected: _____
Extract. Method: <u>3510C</u>	Date Extracted: <u>11/10/2021 15:14</u>
Sample wt/vol: <u>250 (mL)</u>	Date Analyzed: <u>11/13/2021 01:13</u>
Con. Extract Vol.: <u>1 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>2 (uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>604693</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
191-24-2	Benzo (g,h,i) perylene	ND		5.0	0.35
207-08-9	Benzo (k) fluoranthene	ND		5.0	0.73
111-91-1	Bis (2-chloroethoxy) methane	ND		5.0	0.35
111-44-4	Bis (2-chloroethyl) ether	ND		5.0	0.40
117-81-7	Bis (2-ethylhexyl) phthalate	4.58	J	5.0	2.2
85-68-7	Butyl benzyl phthalate	ND		5.0	1.0
105-60-2	Caprolactam	ND		5.0	2.2
86-74-8	Carbazole	ND		5.0	0.30
218-01-9	Chrysene	ND		5.0	0.33
84-74-2	Di-n-butyl phthalate	ND		5.0	0.31
117-84-0	Di-n-octyl phthalate	ND		5.0	0.47
53-70-3	Dibenz (a,h) anthracene	ND		5.0	0.42
132-64-9	Dibenzofuran	ND		10	0.51
84-66-2	Diethyl phthalate	ND		5.0	0.22
131-11-3	Dimethyl phthalate	ND		5.0	0.36
206-44-0	Fluoranthene	ND		5.0	0.40
86-73-7	Fluorene	ND		5.0	0.36
118-74-1	Hexachlorobenzene	ND		5.0	0.51
87-68-3	Hexachlorobutadiene	ND		5.0	0.68
77-47-4	Hexachlorocyclopentadiene	ND		5.0	0.59
67-72-1	Hexachloroethane	ND		5.0	0.59
193-39-5	Indeno (1,2,3-cd) pyrene	ND		5.0	0.47
78-59-1	Isophorone	ND		5.0	0.43
621-64-7	N-Nitrosodi-n-propylamine	ND		5.0	0.54
86-30-6	N-Nitrosodiphenylamine	ND		5.0	0.51
91-20-3	Naphthalene	ND		5.0	0.76
98-95-3	Nitrobenzene	ND		5.0	0.29
87-86-5	Pentachlorophenol	ND		10	2.2
85-01-8	Phenanthrene	ND		5.0	0.44
108-95-2	Phenol	ND		5.0	0.39
129-00-0	Pyrene	ND		5.0	0.34
65-85-0	Benzoic acid	ND		150	100

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-192046-1
 SDG No.: _____
 Client Sample ID: LPZ-14S Lab Sample ID: 480-192046-1
 Instrument ID (1): HP6890-25 Instrument ID (2): HP6890-25
 Date Analyzed (1): 11/12/2021 13:20 Date Analyzed (2): 11/12/2021 13:20
 GC Column (1): RTX-CLPI ID: 0.53 (mm) GC Column (2): RTX-CLPII ID: 0.53 (mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Endrin ketone	1		6.80	6.76	6.82	0.031		78.6
	2		7.76	7.75	7.81	0.072		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-192046-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 480-604400/2-A
 Instrument ID (1): HP6890-25 Instrument ID (2): HP6890-25
 Date Analyzed (1): 11/12/2021 09:24 Date Analyzed (2): 11/12/2021 09:24
 GC Column (1): RTX-CLPI ID: 0.53 (mm) GC Column (2): RTX-CLPII ID: 0.53 (mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.97	2.95	3.01	0.332		19.2
	2		3.56	3.53	3.59	0.402		
gamma-BHC (Lindane)	1		3.23	3.21	3.27	0.382		15.7
	2		3.91	3.88	3.94	0.447		
beta-BHC	1		3.30	3.28	3.34	0.391		16.8
	2		3.98	3.95	4.01	0.463		
delta-BHC	1		3.46	3.43	3.49	0.387		19.1
	2		4.30	4.27	4.33	0.469		
Heptachlor	1		3.64	3.62	3.68	0.356		13.2
	2		4.39	4.36	4.42	0.407		
Aldrin	1		3.93	3.90	3.96	0.304		25.8
	2		4.74	4.71	4.77	0.394		
Heptachlor epoxide	1		4.52	4.50	4.56	0.410		12.8
	2		5.35	5.32	5.38	0.466		
trans-Chlordane	1		4.65	4.62	4.68	0.387		18.9
	2		5.55	5.52	5.58	0.467		
cis-Chlordane	1		4.78	4.75	4.81	0.395		13.6
	2		5.70	5.67	5.73	0.452		
4,4'-DDE	1		4.86	4.83	4.89	0.355		26.7
	2		5.86	5.83	5.89	0.465		
Endosulfan I	1		4.92	4.89	4.95	0.408		10.8
	2		5.77	5.74	5.80	0.455		
Dieldrin	1		5.16	5.14	5.20	0.414		8.4
	2		6.06	6.03	6.09	0.450		
Endrin	1		5.40	5.37	5.43	0.428		8.2
	2		6.38	6.35	6.41	0.465		
4,4'-DDD	1		5.47	5.44	5.50	0.440		10.4
	2		6.46	6.43	6.49	0.488		
Endosulfan II	1		5.63	5.60	5.66	0.425		8.9
	2		6.59	6.56	6.62	0.464		
4,4'-DDT	1		5.75	5.73	5.79	0.391		11.8
	2		6.79	6.76	6.82	0.440		
Endrin aldehyde	1		6.06	6.03	6.09	0.252		23.6
	2		6.94	6.91	6.97	0.320		
Methoxychlor	1		6.25	6.22	6.28	0.411		21.8
	2		7.47	7.45	7.51	0.512		
Endosulfan sulfate	1		6.50	6.48	6.54	0.437		11.0
	2		7.22	7.19	7.25	0.488		
Endrin ketone	1		6.78	6.76	6.82	0.427		13.3
	2		7.77	7.75	7.81	0.488		

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Buffalo</u>	Job No.: <u>480-192046-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>MB 480-604400/1-A</u>
Matrix: <u>Water</u>	Lab File ID: <u>25_52-236.D</u>
Analysis Method: <u>8081B</u>	Date Collected: _____
Extraction Method: <u>3510C</u>	Date Extracted: <u>11/11/2021 09:18</u>
Sample wt/vol: <u>250 (mL)</u>	Date Analyzed: <u>11/12/2021 09:05</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1 (uL)</u>	GC Column: <u>RTX-CLPI</u> ID: <u>0.53 (mm)</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>604602</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	ND		0.050	0.0092
72-55-9	4,4'-DDE	ND		0.050	0.012
50-29-3	4,4'-DDT	ND		0.050	0.011
309-00-2	Aldrin	ND		0.050	0.0081
319-84-6	alpha-BHC	ND		0.050	0.0077
5103-71-9	cis-Chlordane	ND		0.050	0.015
319-85-7	beta-BHC	ND		0.050	0.025
319-86-8	delta-BHC	ND		0.050	0.010
60-57-1	Dieldrin	ND		0.050	0.0098
959-98-8	Endosulfan I	ND		0.050	0.011
33213-65-9	Endosulfan II	ND		0.050	0.012
1031-07-8	Endosulfan sulfate	ND		0.050	0.016
72-20-8	Endrin	ND		0.050	0.014
7421-93-4	Endrin aldehyde	0.0226	J	0.050	0.016
53494-70-5	Endrin ketone	ND		0.050	0.012
58-89-9	gamma-BHC (Lindane)	ND		0.050	0.0080
5103-74-2	trans-Chlordane	ND		0.050	0.011
76-44-8	Heptachlor	ND		0.050	0.0085
1024-57-3	Heptachlor epoxide	ND		0.050	0.0074
72-43-5	Methoxychlor	ND		0.050	0.014
8001-35-2	Toxaphene	ND		0.50	0.12
2385-85-5	Mirex	ND		0.050	0.0096

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	53		20-120
877-09-8	Tetrachloro-m-xylene	72		44-120

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-192046-1
 SDG No.: _____
 Lab Sample ID: ICV 480-581108/25 Calibration Date: 05/15/2021 00:19
 Instrument ID: HP6890-7 Calib Start Date: 05/14/2021 23:31
 GC Column: ZB-5 ID: 0.53 (mm) Calib End Date: 05/15/2021 00:03
 Lab File ID: 7_97-037.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Lin1		0.0161		0.516	0.500	3.2	20.0
PCB-1242 Peak 2	Lin1		0.0194		0.495	0.500	-0.9	20.0
PCB-1242 Peak 3	Lin2		0.0504		0.511	0.500	2.2	20.0
PCB-1242 Peak 4	Lin1		0.0279		0.502	0.500	0.4	20.0
PCB-1242 Peak 5	Lin1		0.0214		0.510	0.500	2.1	20.0
PCB-1268 Peak 1	Lin2		0.1575		0.530	0.500	5.9	20.0
PCB-1268 Peak 2	Lin2		0.1399		0.516	0.500	3.1	20.0
PCB-1268 Peak 3	Lin2		0.1355		0.564	0.500	12.9	20.0
PCB-1268 Peak 4	Lin1		0.0373		0.354	0.500	-29.3*	20.0
PCB-1268 Peak 5	Ave	0.4023	0.3707		0.461	0.500	-7.8	20.0

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-192046-1
 SDG No.: _____
 Lab Sample ID: ICV 480-581108/25 Calibration Date: 05/15/2021 00:19
 Instrument ID: HP6890-7 Calib Start Date: 05/14/2021 23:31
 GC Column: ZB-35 ID: 0.53 (mm) Calib End Date: 05/15/2021 00:03
 Lab File ID: 7_97-037.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Lin1		0.0155		0.532	0.500	6.3	20.0
PCB-1242 Peak 2	Lin1		0.0324		0.501	0.500	0.3	20.0
PCB-1242 Peak 3	Lin2		0.0457		0.501	0.500	0.1	20.0
PCB-1242 Peak 4	Lin2		0.0279		0.490	0.500	-1.9	20.0
PCB-1242 Peak 5	Lin2		0.0275		0.492	0.500	-1.7	20.0
PCB-1268 Peak 1	Lin2		0.1635		0.525	0.500	5.1	20.0
PCB-1268 Peak 2	Lin2		0.1509		0.514	0.500	2.7	20.0
PCB-1268 Peak 3	Lin2		0.1447		0.568	0.500	13.7	20.0
PCB-1268 Peak 4	Lin2		0.0378		0.353	0.500	-29.3*	20.0
PCB-1268 Peak 5	Lin2		0.3941		0.474	0.500	-5.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-192046-1
 SDG No.: _____
 Lab Sample ID: CCV 480-604531/54 Calibration Date: 11/12/2021 01:30
 Instrument ID: HP6890-7 Calib Start Date: 05/14/2021 18:14
 GC Column: ZB-35 ID: 0.53 (mm) Calib End Date: 05/14/2021 19:50
 Lab File ID: 7_113-112.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Lin2		0.0243		0.641	0.504	27.2*	20.0
PCB-1016 Peak 2	Lin2		0.0545		0.638	0.504	26.6*	20.0
PCB-1016 Peak 3	Lin2		0.0779		0.631	0.504	25.4*	20.0
PCB-1016 Peak 4	Ave	0.0398	0.0471		0.596	0.504	18.3	20.0
PCB-1016 Peak 5	Lin1		0.0412		0.644	0.504	28.0*	20.0
PCB-1260 Peak 1	Lin1		0.0735		0.678	0.504	34.5*	20.0
PCB-1260 Peak 2	Ave	0.0616	0.0746		0.610	0.504	21.1*	20.0
PCB-1260 Peak 3	Lin1		0.0724		0.638	0.504	26.6*	20.0
PCB-1260 Peak 4	Lin1		0.0652		0.605	0.504	20.0	20.0
PCB-1260 Peak 5	Lin2		0.1646		0.622	0.504	23.5*	20.0
Tetrachloro-m-xylene	Lin2		1.626		0.0155	0.0125	24.1*	20.0
DCB Decachlorobiphenyl	Lin2		1.289		0.0148	0.0125	18.5	20.0

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins TestAmerica, Buffalo

Job No.: 480-192046-1

SDG No.: _____

ICV Source: MEI_10_CCVL_00405

Concentration Units: mg/L

CCV Source: MEI_10_CCVL_00405

Analyte	ICVL 480-604632/7 11/11/2021 14:20				CCVL 480-604632/19 11/11/2021 22:02				CCVL 480-604632/25 11/11/2021 22:48			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	0.170	J	0.200	85	0.185	J	0.200	93	0.177	J	0.200	89
Antimony	0.0191	J	0.0200	96	0.0215		0.0200	108	0.0212		0.0200	106
Arsenic	0.0138	J	0.0150	92	0.0137	J	0.0150	91	0.0147	J	0.0150	98
Barium	0.00212		0.00200	106	0.00217		0.00200	109	0.00216		0.00200	108
Beryllium	0.00204		0.00200	102	0.00211		0.00200	106	0.00199	J	0.00200	100
Calcium	0.511		0.500	102	0.523		0.500	105	0.508		0.500	102
Chromium	0.00415		0.00400	104	0.00411		0.00400	103	0.00407		0.00400	102
Cobalt	0.00395	J	0.00400	99	0.00385	J	0.00400	96	0.00381	J	0.00400	95
Copper	0.0102		0.0100	102	0.0103		0.0100	103	0.0104		0.0100	104
Iron	0.0557		0.0500	111	0.0571		0.0500	114	0.0611		0.0500	122
Lead	0.0100		0.0100	100	0.00989	J	0.0100	99	0.0105		0.0100	105
Magnesium	0.195	J	0.200	97	0.198	J	0.200	99	0.199	J	0.200	100
Manganese	0.00309		0.00300	103	0.00300		0.00300	100	0.00299	J	0.00300	100
Nickel	0.00998	J	0.0100	100	0.00974	J	0.0100	97	0.00958	J	0.0100	96
Potassium	0.472	J	0.500	94	0.408	J	0.500	82	0.411	J	0.500	82
Selenium	0.0228	J	0.0250	91	0.0234	J	0.0250	93	0.0221	J	0.0250	88
Silver	0.00541	J	0.00600	90	0.00581	J	0.00600	97	0.00581	J	0.00600	97
Sodium	0.946	J	1.01	94	0.940	J	1.01	93	0.931	J	1.01	92
Thallium	0.0192	J	0.0200	96	0.0194	J	0.0200	97	0.0187	J	0.0200	94
Vanadium	0.00472	J	0.00500	94	0.00504		0.00500	101	0.00514		0.00500	103
Zinc	0.0101		0.0100	101	0.0111		0.0100	111	0.0104		0.0100	104
<i>Cadmium</i>	0.00211		0.00200	106	0.00204		0.00200	102	0.00208		0.00200	104

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-192046-1

SDG No.: _____

ICV Source: MEI_10_CCVL_00405 Concentration Units: mg/L

CCV Source: MEI_10_CCVL_00405

Analyte	CCVL 480-604632/37 11/11/2021 23:34											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	0.194	J	0.200	97								
Antimony	0.0211		0.0200	105								
Arsenic	0.0137	J	0.0150	91								
Barium	0.00216		0.00200	108								
Beryllium	0.00195	J	0.00200	98								
Calcium	0.514		0.500	103								
Chromium	0.00424		0.00400	106								
Cobalt	0.00400		0.00400	100								
Copper	0.0102		0.0100	102								
Iron	0.0566		0.0500	113								
Lead	0.0104		0.0100	104								
Magnesium	0.195	J	0.200	97								
Manganese	0.00302		0.00300	101								
Nickel	0.00981	J	0.0100	98								
Potassium	0.395	J	0.500	79								
Selenium	0.0209	J	0.0250	84								
Silver	0.00521	J	0.00600	87								
Sodium	0.927	J	1.01	92								
Thallium	0.0201		0.0200	100								
Vanadium	0.00516		0.00500	103								
Zinc	0.00998	J	0.0100	100								
<i>Cadmium</i>	0.00205		0.00200	103								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

APPENDIX F
HISTORIC DATA USABILITY
SUMMARY REPORTS

1985 Phase II Report
(This report gives no indication
that the results were validated)

1989 Phase II Report

**(The validator's report is not
included in the 1989 Phase II Report.**

**The validator's qualifiers are
provided in the report tables)**

TABLE IV-4
GROUNDWATER RESULTS
HSL ORGANIC COMPOUNDS (ug/L)
NASH ROAD LANDFILL

COMPOUND (a)	NYS STANDARDS/ GUIDANCE VALUES (b)		Sample Location (h)						
			Shallow Wells				Deep Wells		
			OW-14B (c)	OW-11	OW-13	OW-16	OW-14A (c)	OW-12	OW-15
Methylene chloride	50	G	R	240.0 J(f)	R	R	---	R	R
Acetone			---	2300.0 (f)	R	24.0	---	---	---
2-Butanone			---		---	9.8 JX	---	---	---
1,1,1-Trichloroethane	50	G	---	67.0 J(f)	---	R	---	---	R
Benzene	ND	(d)	---	4500.0 (f)	---	12.0	---	---	---
4-Methyl-2-Pentanone			---	---	---	R	---	---	---
Tetrachloroethene	0.7	G	120 JX	---	---	67.0 JX	---	110.0 JX	---
Toluene	50	G	---	14000.0 (f)	---	5.2	---	---	---
Chlorobenzene	20	G	---	590.0 (f)	---	25.0	---	---	---
Ethylbenzene	50	G	---	---	---	55.0	---	---	---
Total xylenes	50	G	---	---	---	30.0	---	---	---
Benzyl Alcohol			---	770000.0 (g)	---	---	---	---	---
4-Methylphenol	1	(e)	---	---	---	25.0	---	---	---
2,4-Dimethylphenol	1	(e)	---	---	---	19.0	---	---	---
Benzoic Acid			---	2100000.0 B(g)	---	26.0 J	---	---	---
Naphthalene	10	G	---	---	---	8.3 J	---	---	---
2-Methylnaphthalene			---	---	---	---	20.0	---	---
bis(2-Ethylhexyl)Phthalate	4200		720.0 BX	---	R	R	R	1600.0 B	790.0 BX

FOOTNOTES:

- (a) Only HSL organic compounds that were detected are presented.
 (b) Referenced from; "Ambient Water Quality Standards and Guidance Values" for Class GA drinking supply waters, 6 NYCRR Part 703, NYSDEC, 9/1/78, as amended through 4/1/87. The value presented is the standard except where noted by "G", in which case it is the guidance value. All units are ug/L.
 (c) Background location.
 (d) ND = not detectable; i.e., the standard is the lower limit of detectability as defined by the NYSDEC.
 (e) Standard for total phenolic compounds.
 (f) Concentration/dilution factor = 75.
 (g) Dilution factor = 5,000.
 (h) Samples collected by Engineering Science on February 17-18, 1988, and November 17, 1988.

DATA QUALIFIERS:

- B: This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.
 J: Indicates the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.
 ---: Indicates that the compound was analyzed for but not detected. Refer to Appendix C for detection limit.
 R: Data validation recommends this value be rejected.

TABLE IV-5
GROUNDWATER RESULTS
HSL METALS (ug/L)
NASH ROAD LANDFILL

METAL (a)	NYS STANDARDS AND GUIDANCE VALUES (b)		Sample Location (h)						
			Shallow Wells				Deep Wells		
			OW-14B (c)	OW-11	OW-13	OW-16	OW-14A (c)	OW-12	OW-15
Aluminum			4900.0 X	10200.0 X	4550.0 X	37300.0 X	70300.0 X	50400.0 X	79800.0 X
Antimony	3	G	---	---	311.0 X	150.0	[53.0]	---	120.0
Arsenic	25		6.3	---	10.4	11.4	---	13.5	---
Barium	1000		[76.0]	550.0	295.0	740.0	800.0	550.0	710.0
Beryllium	3	G	---	---	---	[4.0]	6.0	[4.0]	7.0
Cadmium	10		---	---	7.0 X	---	---	---	---
Calcium			100000.0	2380000.0 (e)	299000.0	183000.0	890000.0	290000.0	430000.0
Chromium			---	15.0	32.0	90.0	130.0	79.0	120.0
Cobalt			---	[34.0]	68.0	50.0	65.0	[43.0]	81.0
Copper	1000		[24.0] X	120.0 X	2270.0 X	160.0 X	180.0 X	130.0 X	190.0 X
Iron	300		9800.0 X	34500.0 X	34100.0	131000.0 X	131000.0 X	80800.0 X	144000.0 X
Lead	25		28.4 (d)	180.0 (f)	81.6 X	600.0 (g)	140.0 (f)	92.6 (d)	130.0 (f)
Magnesium	35000	G	33300.0 X	398000.0 X	72100.0	165000.0 X	181000.0 X	93200.0 X	134000.0 X
Manganese	300		1200.0 X	12100.0 X	2350.0	1600.0 X	4500.0 X	2500.0 X	3900.0 X
Mercury	2		---	0.3	0.2	0.8	---	---	0.3
Nickel	13.4	Z	---	180.0	250.0 X	110.0	140.0	89.0	150.0
Potassium			---	25100.0	18500.0	141000.0	168000.0	14900.0	19800.0
Silver	50		---	31.0	46.0 X	---	---	---	---
Sodium			21900.0 X	165000.0 X	68200.0	361000.0 X	97600.0 X	55000.0 X	64500.0 X
Vanadium			---	---	---	66.0	130.0	81.0	130.0
Zinc	5000		140.0 X	540.0 X	R	1800.0 X	580.0 X	330.0 X	570.0 X
TOX			33.0	NS	59.0	888.0	8.0	53.0	34.0

FOOTNOTES:

- (a) Only HSL metals that were detected are presented. If the result is a value greater than or equal to the instrument detection limit but less than the contract-required detection limit, the value is reported in brackets (i.e.; [10]).
- (b) Referenced from; "Ambient Water Quality Standards and Guidance Values" for Class GA drinking supply waters, 6 NYCRR Part 703, NYSDEC, 9/1/78, as amended through 4/1/87. The value presented is the standard except where noted by "G", in which case it is the guidance value. For nickel (flagged "Z") the value presented is the ambient water quality criterion for human health, from; "Quality Criteria for Water, 1986", USEPA, 5/1/87. All units are ug/L.
- (c) Background location.
- (d) Dilution factor = 2.
- (e) Dilution factor = 50.
- (f) Dilution factor = 10.
- (g) Dilution factor = 100.
- (h) Samples collected by Engineering Science on February 17-18, 1988.

DATA QUALIFIERS:

- : Indicates that the metal was analyzed for but not detected. Refer to Appendix C for detection limit.
- R: Data validation recommends this value be rejected.
- X: Data validation recommends this value be considered an estimate.
- NS: No sample

2013 Site Characterization

**OW-1, OW-13, OW-14B, OW-16,
OW-21, OW-22, OW-23,
OW-24 & OW-25**

Data Usability Summary Report

Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

Nash Rd. LF #932054
TestAmerica SDG#480-43118-1
November 1, 2021
Sampling date: 8/2/2013

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

Nash Rd. LF #932054
SDG# 480-43118-1

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for LiRo Engineers, project located at Nash Rd. LF #932054, TestAmerica SDG#480-43118-1 submitted to Vali-Data of WNY, LLC on September 30, 2021. This DUSR has been prepared in general compliance with USEPA National Functional Guidelines(NFG) and NYSDEC Analytical Services Protocols. The laboratory performed the analyses using USEPA method Volatile Organics (8260B), Semi-Volatile Organics (8270C), Pesticides (8081A), Herbicides(8151A) and Inorganics(6010B, 7470A).

ID	Sample ID	Laboratory ID
1	OW-16	480-43118-1
2	OW-23	480-43118-2
3	OW-13	480-43118-3
4	OW-24	480-43118-4
5	OW-25	480-43118-5
6	OW-22	480-43118-6
7	OW-21	480-43118-7
8	OW-1	480-43118-8
9	OW-1	480-43118-9
10	OW-14B	480-43118-10
11	TRIP BLANK	480-43118-11

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Sample Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

Nash Rd. LF #932054

SDG# 480-43118-1

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Surrogate Spike Recoveries and Continuing Calibration.

Samples: OW-1, OW-13, OW-16, OW-2, OW-21, OW-22, OW-23 and OW-24 were diluted due to foaming.

Sample: OW-25 was diluted due to high target analyte concentrations.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of 1,2-Dichloroethane-d₄ was outside QC limits, high in OW-16, OW-1, OW-2, OW-14B and TRIP BLANK and should be qualified as estimated. No associated target analytes were detected in these samples, so no further action is required.

METHOD BLANK

All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was acquired for this analysis.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on target analytes in which the RSD > 15.0%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of some target analytes were outside QC limits in the continuing calibration and should be qualified as estimated in the associated samples, blanks and spikes.

Calibration ID	Target Analyte	%D	Qualifier	Associated Sample
CCVIS 480-132975/2	Chloroethane	33.4	UJ	MB 480-132975, 1-11
CCVIS 480-132975/2	Carbon Tetrachloride	27.9	UJ	MB 480-132975, 1-11

GC/MS PERFORMANCE CHECK

All criteria were met.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Method Blank, Surrogate Spike Recoveries and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except Phenol-d₅ was outside QC limits, low in OW-25 and should be qualified as estimated. The following target analytes should be qualified as undetected estimated in these samples.

Phenol	2-Chlorophenol	2-Nitrophenol
2,4-Dimethylphenol	2,4-Dichlorophenol	4-Chloro-3-Methylphenol

METHOD BLANK

All the criteria were met except some target analytes were detected in the method blanks. These target analytes should be qualified as undetected at the reporting limit in associated samples in which they were detected below the reporting limit. These target analytes should be qualified as estimated high in associated samples in which they were detected above the reporting limit.

Blank ID	Target analyte	Concentration(ug/L)	Qualifier	Associated Sample
MB 480-132301	Di-n-butyl phthalate	.364	U at RL	1-4, 7-10
MB 480-132301	Benzaldehyde	.276	U at RL	1, 3, 4, 6, 8
MB 480-132301	Fluoranthene	.451	U at RL	1-4, 6
MB 480-132301	Phenanthrene	1.03	U at RL	1-4, 6-8
MB 480-132679	Di-n-butyl phthalate	.445	U at RL	none

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

Nash Rd. LF #932054

SDG# 480-43118-1

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was acquired for this analysis.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on target analytes in which the RSD >15.0%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of one of the target analytes was outside QC limits. This target analyte should be qualified as estimated in the associated samples, blanks and spikes.

Calibration ID	Target Analyte	%D	Qualifier	Associated Sample
CCVIS 480-133115/3	Bis(2-chloroisopropyl)ether	22.2	UJ	MB 480-132301,1-4,6-10

GC/MS PERFORMANCE CHECK

All criteria were met.

PESTICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Laboratory Control Samples, Surrogate Spike Recoveries, MS/MSD, Compound Quantitation and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the samples were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of DCBP was outside QC limits, low in OW-24 and OW-22 and should be qualified as estimated. Target analytes in these samples should be qualified as estimated.

The %Rec of TCMX was outside QC limits, high in OW-1 and should be qualified as estimated. Target analytes detected in this sample should be qualified as estimated high.

Some surrogate spike recoveries were outside laboratory QC limits due to dilution, so no further action is required.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met except the RPD of alpha-Chlordane, alpha-BHC, delta-BHC, gamma-BHC, Aldrin, 4,4'-DDE, 4,4'-DDD, Endosulfan I, Dieldrin and Endrin was outside QC limits between the columns in LCS 480-132305/2-A and should be qualified as estimated.

MS/MSD

All criteria were met except the %Rec of gamma-Chlordane was outside QC limits, high in OW-16MS/MSD and should be qualified as estimated. This target analyte should be qualified as estimated high in OW-16.

The RPD of gamma-Chlordane, delta-BHC and Heptachlor epoxide was outside QC limits between OW-16MS and OW-16MSD and should be qualified as estimated. These target analytes should be qualified as estimated in OW-16.

The RPD of all target analytes except Endosulfan sulfate and Endrin Ketone was outside QC limits between the columns in OW-16MS/MSD. The non-conforming target analytes should be qualified as estimated in OW-16MS/MSD.

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

COMPOUND QUANTITATION

All criteria were met except the RPD of some target analytes were outside QC limits between the columns and should be qualified as estimated.

Sample ID	Target Analyte	Qualifier
OW-16	All detected target analytes	J
OW-23	g-Chlordane	J
OW-13	All but gamma-BHC, endrin aldehyde	J
OW-24	g-BHC, Methoxychlor	J
OW-25, OW-22	All but gamma-BHC	J
OW-1	g-BHC	J

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used on all target analytes and surrogates, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of DCBP was outside QC limits in off RTX-CLPII in CCV 480-132512/22. This surrogate should be qualified as estimated in the associated samples off the associated column.

Calibration ID	Surrogate	%D	Qualifier	Associated Sample
CCV 480-132512/22	DCBP	26.1	J	6-10

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

HERBICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
-

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Surrogate Spike Recoveries and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of 2,4-Dichlorophenylacetic acid was outside QC limits, high in one of the samples and should be qualified as estimated. No target analytes were detected in this sample, so no further action is required.

Sample ID	%Rec RTX-CLPI	%Rec RTX-CLPII	Qualifier
OW-22	143	-	none

Nash Rd. LF #932054

SDG# 480-43118-1

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

All the criteria were met.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used on all of the target analytes and surrogates, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of some target analytes was outside QC limit. Associated samples, blanks and spikes should be qualified as estimated.

Calibration ID	Target Analyte	%D	Qualifier	Associated Sample
CCV 480-132866/33	2,4,5-T	15.9	UJ/J	1-4, 6-8, 2MS/MSD
CCV 480-132866/50	2,4,5-T	17.8	UJ	9,10
CCV 480-132866/50	2,4,5-TP	20.6	UJ	9,10
CCV 480-132866/52	2,4,5-TP	15.8	UJ	5
CCV 480-132866/54	2,4,5-T	19.0	UJ	5
CCV 480-132866/54	2,4,5-TP	21.8	UJ	5

Some target analytes were outside laboratory QC limits but were within NFG QC limits, so no further action is required.

METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Blanks
- Laboratory Control Sample
- MS/MSD/Duplicate
- Field Duplicate
- Serial Dilution
- Compound Quantitation
- Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

BLANKS

All criteria were met.

LABORATORY CONTROL SAMPLE

All criteria were met.

MS/MSD/DUPLICATE

All criteria were met.

FIELD DUPLICATE

No field duplicate was acquired.

SERIAL DILUTION

All criteria were met.

COMPOUND QUANTITATION

All criteria were met.

CALIBRATION

All criteria were met.

Job Narrative
480-43118-1

Comments

No additional comments.

Receipt

The samples were received on 8/2/2013 4:05 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 4 coolers at receipt time were 3.2° C, 3.3° C, 3.8° C and 4.6° C.

Except:

A trip blank was submitted for analysis with these samples; however, it was not listed on the Chain of Custody (COC).

GC/MS VOA

Method(s) 8260B: The following sample(s) was diluted to bring the concentration of target analytes within the calibration range: OW-25 (480-43118-5). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The following volatiles sample(s) was diluted due to foaming at the time of purging during the original sample analysis: OW-1 (480-43118-8), OW-13 (480-43118-3), OW-16 (480-43118-1), OW-2 (480-43118-9), OW-21 (480-43118-7), OW-22 (480-43118-6), OW-23 (480-43118-2), OW-24 (480-43118-4). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

GC/MS Semi VOA

Method(s) 8270C: Surrogate recovery for the following sample(s) was outside control limits: OW-25 (480-43118-5). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 8270C: The laboratory control sample and the laboratory control sample duplicate (LCS/LCSD) for batch 132679 recovered outside control limits for the following analytes: 3-Nitroaniline and 4-Chloroaniline. 3-Nitroaniline and 4-Chloroaniline have been identified as poor performing analytes when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 8270C: The following samples were diluted to bring the concentration of target analytes within the calibration range: OW-25 (480-43118-5) and OW-25 (480-43118-5) DL. Elevated reporting limits (RLs) are provided.

Method(s) 8270C: The following compounds were outside control limits in the continuing calibration verification (CCV) associated with batch 133115: 2,2'-oxybis[1-chloropropane] and 2,4-Dinitrophenol. These compounds are not classified as Calibration Check Compounds (CCCs) in the reference method, and the laboratory defaults to in-house and/or project-specific criteria for evaluation. Due to the large number of analytes contained in the CCV, the laboratory's SOP allows for 4 analytes to be outside limits; therefore, the data have been reported.

Method(s) 8270C: The laboratory control sample and the laboratory control sample duplicate (LCS/LCSD) for batch 132301 recovered outside control limits for the following analytes: 3-Nitroaniline, 4-Chloroaniline, and Benzaldehyde. 3-Nitroaniline, 4-Chloroaniline, and Benzaldehyde have been identified as poor performing analytes when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 8270C: The method blank for batch 132301 contained Benzaldehyde, Di-n-butyl phthalate, Fluoranthene, and Phenanthrene above the method detection limit. These target analytes concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

No other analytical or quality issues were noted.

GC Semi VOA

Method(s) 8081A: The surrogate percent difference in the associated continuing calibration verifications (CCV) for Decachlorobiphenyl exceeded 15% on the RTX-CLPII column, indicating a high bias. (CCV 480-132512/15), (CCV 480-132512/22), (CCV 480-132512/3)

Method(s) 8081A: The percent difference in these continuing calibration verifications slightly exceeded 15% for Methoxychlor due to the decreased instrument response following field samples that had heavy matrix effects; (CCV 480-132512/15), (CCV 480-132512/22). Subsequent continuing calibration verifications demonstrated compliance with routine quality control criteria, verifying the temporary nature of this effect.

Method(s) 8081A: The following samples are diluted due to the nature of the sample matrix: OW-1 (480-43118-8), OW-22 (480-43118-6), OW-24 (480-43118-4). Elevated reporting limits (RLs) are provided.

Method(s) 8081A: All primary data is reported from the RTX-CLPII column.

Method(s) 8081A: The percent difference in a multi-component continuing calibration verification is assessed on the basis of the total

amount, individual peak calculations are only listed for completeness.

Method(s) 8081A: For this sample primary data is reported from RTX-CLPII column, with the exception of gamma chlordane, for which primary data is reported from the RTX-CLPI column due to matrix interference. OW-16 (480-43118-1).

Method(s) 8081A: The matrix spike / matrix spike duplicate (MS / MSD) recoveries for batch 132305 were outside control limits due to matrix interference. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 8081A: The following sample(s) was diluted due to the nature of the sample matrix: OW-2 (480-43118-9), OW-25 (480-43118-5). As such, surrogate recoveries are not representative, and elevated reporting limits (RLs) are provided.

Method(s) 8081A: Surrogate recovery for the following sample(s) was outside control limits: OW-1 (480-43118-8), OW-16 (480-43118-1), OW-22 (480-43118-6), OW-24 (480-43118-4). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 8151A: The following sample was diluted due to the nature of the sample matrix: OW-25 (480-43118-5). As such, surrogate recoveries are not representative, and elevated reporting limits (RLs) are provided.

Method(s) 8151A: The continuing calibration verification (CCV) for 2.4.5-T and a.4.5-TP (silvex) associated with batch 132866 recovered above the upper control limit. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method(s) 8151A: Surrogate recovery for the following sample was outside the upper control limit: OW-22 (480-43118-6). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 8151A: All primary data is reported from the RTX-CLPI column.

Method(s) 8151A: The following sample was diluted due to the nature of the sample matrix: OW-25 (480-43118-5). As such, surrogate recoveries are not representative, and elevated reporting limits (RLs) are provided.

Method(s) 8151A: The continuing calibration verification (CCV) for 2.4.5-T and a.4.5-TP (silvex) associated with batch 132866 recovered above the upper control limit. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method(s) 8151A: Surrogate recovery for the following sample was outside the upper control limit: OW-22 (480-43118-6). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 8151A: All primary data is reported from the RTX-CLPI column.

No other analytical or quality issues were noted.

Metals

No analytical or quality issues were noted.

Organic Prep

No analytical or quality issues were noted.

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-16

Lab Sample ID: 480-43118-1

Client Matrix: Water

Date Sampled: 08/02/2013 1315

Date Received: 08/02/2013 1605

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-132975	Instrument ID:	HP5973P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P0705.D
Dilution:	4.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/08/2013 1715			Final Weight/Volume:	5 mL
Prep Date:	08/08/2013 1715				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		3.3	4.0
1,1,2,2-Tetrachloroethane	ND		0.84	4.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.2	4.0
1,1,2-Trichloroethane	ND		0.92	4.0
1,1-Dichloroethane	ND		1.5	4.0
1,1-Dichloroethene	ND		1.2	4.0
1,2,4-Trichlorobenzene	ND		1.6	4.0
1,2-Dibromo-3-Chloropropane	ND		1.6	4.0
1,2-Dibromoethane	ND		2.9	4.0
1,2-Dichlorobenzene	ND		3.2	4.0
1,2-Dichloroethane	ND		0.84	4.0
1,2-Dichloropropane	ND		2.9	4.0
1,3-Dichlorobenzene	ND		3.1	4.0
1,4-Dichlorobenzene	ND		3.4	4.0
2-Butanone (MEK)	ND		5.3	40
2-Hexanone	ND		5.0	20
4-Methyl-2-pentanone (MIBK)	ND		8.4	20
Acetone	ND		12	40
Benzene	2.9	J	1.6	4.0
Bromodichloromethane	ND		1.6	4.0
Bromoform	ND		1.0	4.0
Bromomethane	ND		2.8	4.0
Carbon disulfide	ND		0.76	4.0
Carbon tetrachloride	ND		1.1	4.0
Chlorobenzene	15		3.0	4.0
Chloroethane	ND		1.3	4.0
Chloroform	ND		1.4	4.0
Chloromethane	ND		1.4	4.0
cis-1,2-Dichloroethene	ND		3.2	4.0
cis-1,3-Dichloropropene	ND		1.4	4.0
Cyclohexane	ND		0.72	4.0
Dibromochloromethane	ND		1.3	4.0
Dichlorodifluoromethane	ND		2.7	4.0
Ethylbenzene	ND		3.0	4.0
Isopropylbenzene	ND		3.2	4.0
Methyl acetate	ND		2.0	4.0
Methyl tert-butyl ether	ND		0.64	4.0
Methylcyclohexane	ND		0.64	4.0
Methylene Chloride	ND		1.8	4.0
Styrene	ND		2.9	4.0
Tetrachloroethene	ND		1.4	4.0
Toluene	ND		2.0	4.0
trans-1,2-Dichloroethene	ND		3.6	4.0
trans-1,3-Dichloropropene	ND		1.5	4.0
Trichloroethene	ND		1.8	4.0
Trichlorofluoromethane	ND		3.5	4.0

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-16

Lab Sample ID: 480-43118-1

Date Sampled: 08/02/2013 1315

Client Matrix: Water

Date Received: 08/02/2013 1605

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-132975	Instrument ID:	HP5973P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P0705.D
Dilution:	4.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/08/2013 1715			Final Weight/Volume:	5 mL
Prep Date:	08/08/2013 1715				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		3.6	4.0
Xylenes, Total	ND		2.6	8.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	126		66 - 137
4-Bromofluorobenzene (Surr)	105		73 - 120
Toluene-d8 (Surr)	99		71 - 126

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-23

Lab Sample ID: 480-43118-2

Client Matrix: Water

Date Sampled: 08/02/2013 1345

Date Received: 08/02/2013 1605

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-132975	Instrument ID:	HP5973P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P0706.D
Dilution:	4.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/08/2013 1740			Final Weight/Volume:	5 mL
Prep Date:	08/08/2013 1740				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		3.3	4.0
1,1,2,2-Tetrachloroethane	ND		0.84	4.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.2	4.0
1,1,2-Trichloroethane	ND		0.92	4.0
1,1-Dichloroethane	ND		1.5	4.0
1,1-Dichloroethene	ND		1.2	4.0
1,2,4-Trichlorobenzene	ND		1.6	4.0
1,2-Dibromo-3-Chloropropane	ND		1.6	4.0
1,2-Dibromoethane	ND		2.9	4.0
1,2-Dichlorobenzene	ND		3.2	4.0
1,2-Dichloroethane	ND		0.84	4.0
1,2-Dichloropropane	ND		2.9	4.0
1,3-Dichlorobenzene	ND		3.1	4.0
1,4-Dichlorobenzene	ND		3.4	4.0
2-Butanone (MEK)	ND		5.3	40
2-Hexanone	ND		5.0	20
4-Methyl-2-pentanone (MIBK)	ND		8.4	20
Acetone	ND		12	40
Benzene	ND		1.6	4.0
Bromodichloromethane	ND		1.6	4.0
Bromoform	ND		1.0	4.0
Bromomethane	ND		2.8	4.0
Carbon disulfide	ND		0.76	4.0
Carbon tetrachloride	ND		1.1	4.0
Chlorobenzene	ND		3.0	4.0
Chloroethane	ND		1.3	4.0
Chloroform	ND		1.4	4.0
Chloromethane	ND		1.4	4.0
cis-1,2-Dichloroethene	ND		3.2	4.0
cis-1,3-Dichloropropene	ND		1.4	4.0
Cyclohexane	ND		0.72	4.0
Dibromochloromethane	ND		1.3	4.0
Dichlorodifluoromethane	ND		2.7	4.0
Ethylbenzene	ND		3.0	4.0
Isopropylbenzene	ND		3.2	4.0
Methyl acetate	ND		2.0	4.0
Methyl tert-butyl ether	ND		0.64	4.0
Methylcyclohexane	ND		0.64	4.0
Methylene Chloride	ND		1.8	4.0
Styrene	ND		2.9	4.0
Tetrachloroethene	ND		1.4	4.0
Toluene	ND		2.0	4.0
trans-1,2-Dichloroethene	ND		3.6	4.0
trans-1,3-Dichloropropene	ND		1.5	4.0
Trichloroethene	ND		1.8	4.0
Trichlorofluoromethane	ND		3.5	4.0

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-23

Lab Sample ID: 480-43118-2

Date Sampled: 08/02/2013 1345

Client Matrix: Water

Date Received: 08/02/2013 1605

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-132975	Instrument ID:	HP5973P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P0706.D
Dilution:	4.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/08/2013 1740			Final Weight/Volume:	5 mL
Prep Date:	08/08/2013 1740				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		3.6	4.0
Xylenes, Total	ND		2.6	8.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	122		66 - 137
4-Bromofluorobenzene (Surr)	101		73 - 120
Toluene-d8 (Surr)	98		71 - 126

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-13

Lab Sample ID: 480-43118-3

Client Matrix: Water

Date Sampled: 08/02/2013 1400

Date Received: 08/02/2013 1605

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-132975	Instrument ID:	HP5973P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P0707.D
Dilution:	4.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/08/2013 1805			Final Weight/Volume:	5 mL
Prep Date:	08/08/2013 1805				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		3.3	4.0
1,1,2,2-Tetrachloroethane	ND		0.84	4.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.2	4.0
1,1,2-Trichloroethane	ND		0.92	4.0
1,1-Dichloroethane	ND		1.5	4.0
1,1-Dichloroethene	ND		1.2	4.0
1,2,4-Trichlorobenzene	ND		1.6	4.0
1,2-Dibromo-3-Chloropropane	ND		1.6	4.0
1,2-Dibromoethane	ND		2.9	4.0
1,2-Dichlorobenzene	ND		3.2	4.0
1,2-Dichloroethane	ND		0.84	4.0
1,2-Dichloropropane	ND		2.9	4.0
1,3-Dichlorobenzene	ND		3.1	4.0
1,4-Dichlorobenzene	ND		3.4	4.0
2-Butanone (MEK)	ND		5.3	40
2-Hexanone	ND		5.0	20
4-Methyl-2-pentanone (MIBK)	ND		8.4	20
Acetone	ND		12	40
Benzene	ND		1.6	4.0
Bromodichloromethane	ND		1.6	4.0
Bromoform	ND		1.0	4.0
Bromomethane	ND		2.8	4.0
Carbon disulfide	ND		0.76	4.0
Carbon tetrachloride	ND		1.1	4.0
Chlorobenzene	ND		3.0	4.0
Chloroethane	ND		1.3	4.0
Chloroform	ND		1.4	4.0
Chloromethane	ND		1.4	4.0
cis-1,2-Dichloroethene	ND		3.2	4.0
cis-1,3-Dichloropropene	ND		1.4	4.0
Cyclohexane	ND		0.72	4.0
Dibromochloromethane	ND		1.3	4.0
Dichlorodifluoromethane	ND		2.7	4.0
Ethylbenzene	ND		3.0	4.0
Isopropylbenzene	ND		3.2	4.0
Methyl acetate	ND		2.0	4.0
Methyl tert-butyl ether	ND		0.64	4.0
Methylcyclohexane	ND		0.64	4.0
Methylene Chloride	ND		1.8	4.0
Styrene	ND		2.9	4.0
Tetrachloroethene	ND		1.4	4.0
Toluene	ND		2.0	4.0
trans-1,2-Dichloroethene	ND		3.6	4.0
trans-1,3-Dichloropropene	ND		1.5	4.0
Trichloroethene	ND		1.8	4.0
Trichlorofluoromethane	ND		3.5	4.0

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-13

Lab Sample ID: 480-43118-3

Date Sampled: 08/02/2013 1400

Client Matrix: Water

Date Received: 08/02/2013 1605

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-132975	Instrument ID:	HP5973P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P0707.D
Dilution:	4.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/08/2013 1805			Final Weight/Volume:	5 mL
Prep Date:	08/08/2013 1805				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		3.6	4.0
Xylenes, Total	ND		2.6	8.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	122		66 - 137
4-Bromofluorobenzene (Surr)	100		73 - 120
Toluene-d8 (Surr)	97		71 - 126

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-24

Lab Sample ID: 480-43118-4

Client Matrix: Water

Date Sampled: 08/02/2013 1415

Date Received: 08/02/2013 1605

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-132975	Instrument ID:	HP5973P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P0708.D
Dilution:	4.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/08/2013 1830			Final Weight/Volume:	5 mL
Prep Date:	08/08/2013 1830				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		3.3	4.0
1,1,2,2-Tetrachloroethane	ND		0.84	4.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.2	4.0
1,1,2-Trichloroethane	ND		0.92	4.0
1,1-Dichloroethane	ND		1.5	4.0
1,1-Dichloroethene	ND		1.2	4.0
1,2,4-Trichlorobenzene	ND		1.6	4.0
1,2-Dibromo-3-Chloropropane	ND		1.6	4.0
1,2-Dibromoethane	ND		2.9	4.0
1,2-Dichlorobenzene	ND		3.2	4.0
1,2-Dichloroethane	ND		0.84	4.0
1,2-Dichloropropane	ND		2.9	4.0
1,3-Dichlorobenzene	ND		3.1	4.0
1,4-Dichlorobenzene	5.4		3.4	4.0
2-Butanone (MEK)	ND		5.3	40
2-Hexanone	ND		5.0	20
4-Methyl-2-pentanone (MIBK)	ND		8.4	20
Acetone	ND		12	40
Benzene	1.8	J	1.6	4.0
Bromodichloromethane	ND		1.6	4.0
Bromoform	ND		1.0	4.0
Bromomethane	ND		2.8	4.0
Carbon disulfide	ND		0.76	4.0
Carbon tetrachloride	ND		1.1	4.0
Chlorobenzene	88		3.0	4.0
Chloroethane	ND		1.3	4.0
Chloroform	ND		1.4	4.0
Chloromethane	ND		1.4	4.0
cis-1,2-Dichloroethene	ND		3.2	4.0
cis-1,3-Dichloropropene	ND		1.4	4.0
Cyclohexane	ND		0.72	4.0
Dibromochloromethane	ND		1.3	4.0
Dichlorodifluoromethane	ND		2.7	4.0
Ethylbenzene	ND		3.0	4.0
Isopropylbenzene	ND		3.2	4.0
Methyl acetate	ND		2.0	4.0
Methyl tert-butyl ether	ND		0.64	4.0
Methylcyclohexane	ND		0.64	4.0
Methylene Chloride	ND		1.8	4.0
Styrene	ND		2.9	4.0
Tetrachloroethene	ND		1.4	4.0
Toluene	ND		2.0	4.0
trans-1,2-Dichloroethene	ND		3.6	4.0
trans-1,3-Dichloropropene	ND		1.5	4.0
Trichloroethene	ND		1.8	4.0
Trichlorofluoromethane	ND		3.5	4.0

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-24

Lab Sample ID: 480-43118-4

Date Sampled: 08/02/2013 1415

Client Matrix: Water

Date Received: 08/02/2013 1605

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-132975	Instrument ID:	HP5973P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P0708.D
Dilution:	4.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/08/2013 1830			Final Weight/Volume:	5 mL
Prep Date:	08/08/2013 1830				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		3.6	4.0
Xylenes, Total	ND		2.6	8.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	122		66 - 137
4-Bromofluorobenzene (Surr)	103		73 - 120
Toluene-d8 (Surr)	99		71 - 126

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-25

Lab Sample ID: 480-43118-5

Date Sampled: 08/02/2013 1420

Client Matrix: Water

Date Received: 08/02/2013 1605

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-132975	Instrument ID:	HP5973P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P0709.D
Dilution:	50			Initial Weight/Volume:	5 mL
Analysis Date:	08/08/2013 1907			Final Weight/Volume:	5 mL
Prep Date:	08/08/2013 1907				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		41	50
1,1,2,2-Tetrachloroethane	ND		11	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		16	50
1,1,2-Trichloroethane	ND		12	50
1,1-Dichloroethane	ND		19	50
1,1-Dichloroethene	ND		15	50
1,2,4-Trichlorobenzene	59		21	50
1,2-Dibromo-3-Chloropropane	ND		20	50
1,2-Dibromoethane	ND		37	50
1,2-Dichlorobenzene	77		40	50
1,2-Dichloroethane	ND		11	50
1,2-Dichloropropane	ND		36	50
1,3-Dichlorobenzene	190		39	50
1,4-Dichlorobenzene	840		42	50
2-Butanone (MEK)	ND		66	500
2-Hexanone	ND		62	250
4-Methyl-2-pentanone (MIBK)	ND		110	250
Acetone	ND		150	500
Benzene	4600		21	50
Bromodichloromethane	ND		20	50
Bromoform	ND		13	50
Bromomethane	ND		35	50
Carbon disulfide	ND		9.5	50
Carbon tetrachloride	ND		14	50
Chlorobenzene	2800		38	50
Chloroethane	ND		16	50
Chloroform	ND		17	50
Chloromethane	ND		18	50
cis-1,2-Dichloroethene	ND		41	50
cis-1,3-Dichloropropene	ND		18	50
Cyclohexane	ND		9.0	50
Dibromochloromethane	ND		16	50
Dichlorodifluoromethane	ND		34	50
Ethylbenzene	ND		37	50
Isopropylbenzene	ND		40	50
Methyl acetate	ND		25	50
Methyl tert-butyl ether	ND		8.0	50
Methylcyclohexane	ND		8.0	50
Methylene Chloride	ND		22	50
Styrene	ND		37	50
Tetrachloroethene	ND		18	50
Toluene	1100		26	50
trans-1,2-Dichloroethene	ND		45	50
trans-1,3-Dichloropropene	ND		19	50
Trichloroethene	ND		23	50
Trichlorofluoromethane	ND		44	50

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-25

Lab Sample ID: 480-43118-5

Date Sampled: 08/02/2013 1420

Client Matrix: Water

Date Received: 08/02/2013 1605

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-132975	Instrument ID:	HP5973P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P0709.D
Dilution:	50			Initial Weight/Volume:	5 mL
Analysis Date:	08/08/2013 1907			Final Weight/Volume:	5 mL
Prep Date:	08/08/2013 1907				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		45	50
Xylenes, Total	ND		33	100

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114		66 - 137
4-Bromofluorobenzene (Surr)	107		73 - 120
Toluene-d8 (Surr)	98		71 - 126

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-22

Lab Sample ID: 480-43118-6

Client Matrix: Water

Date Sampled: 08/02/2013 1430

Date Received: 08/02/2013 1605

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-132975	Instrument ID:	HP5973P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P0710.D
Dilution:	4.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/08/2013 1932			Final Weight/Volume:	5 mL
Prep Date:	08/08/2013 1932				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		3.3	4.0
1,1,2,2-Tetrachloroethane	ND		0.84	4.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.2	4.0
1,1,2-Trichloroethane	ND		0.92	4.0
1,1-Dichloroethane	ND		1.5	4.0
1,1-Dichloroethene	ND		1.2	4.0
1,2,4-Trichlorobenzene	ND		1.6	4.0
1,2-Dibromo-3-Chloropropane	ND		1.6	4.0
1,2-Dibromoethane	ND		2.9	4.0
1,2-Dichlorobenzene	ND		3.2	4.0
1,2-Dichloroethane	ND		0.84	4.0
1,2-Dichloropropane	ND		2.9	4.0
1,3-Dichlorobenzene	ND		3.1	4.0
1,4-Dichlorobenzene	ND		3.4	4.0
2-Butanone (MEK)	ND		5.3	40
2-Hexanone	ND		5.0	20
4-Methyl-2-pentanone (MIBK)	ND		8.4	20
Acetone	ND		12	40
Benzene	ND		1.6	4.0
Bromodichloromethane	ND		1.6	4.0
Bromoform	ND		1.0	4.0
Bromomethane	ND		2.8	4.0
Carbon disulfide	ND		0.76	4.0
Carbon tetrachloride	ND		1.1	4.0
Chlorobenzene	ND		3.0	4.0
Chloroethane	ND		1.3	4.0
Chloroform	ND		1.4	4.0
Chloromethane	ND		1.4	4.0
cis-1,2-Dichloroethene	ND		3.2	4.0
cis-1,3-Dichloropropene	ND		1.4	4.0
Cyclohexane	ND		0.72	4.0
Dibromochloromethane	ND		1.3	4.0
Dichlorodifluoromethane	ND		2.7	4.0
Ethylbenzene	ND		3.0	4.0
Isopropylbenzene	ND		3.2	4.0
Methyl acetate	ND		2.0	4.0
Methyl tert-butyl ether	ND		0.64	4.0
Methylcyclohexane	ND		0.64	4.0
Methylene Chloride	ND		1.8	4.0
Styrene	ND		2.9	4.0
Tetrachloroethene	ND		1.4	4.0
Toluene	ND		2.0	4.0
trans-1,2-Dichloroethene	ND		3.6	4.0
trans-1,3-Dichloropropene	ND		1.5	4.0
Trichloroethene	ND		1.8	4.0
Trichlorofluoromethane	ND		3.5	4.0

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-22

Lab Sample ID: 480-43118-6

Date Sampled: 08/02/2013 1430

Client Matrix: Water

Date Received: 08/02/2013 1605

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-132975	Instrument ID:	HP5973P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P0710.D
Dilution:	4.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/08/2013 1932			Final Weight/Volume:	5 mL
Prep Date:	08/08/2013 1932				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		3.6	4.0
Xylenes, Total	ND		2.6	8.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	122		66 - 137
4-Bromofluorobenzene (Surr)	101		73 - 120
Toluene-d8 (Surr)	99		71 - 126

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-21

Lab Sample ID: 480-43118-7

Date Sampled: 08/02/2013 1440

Client Matrix: Water

Date Received: 08/02/2013 1605

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-132975	Instrument ID:	HP5973P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P0711.D
Dilution:	4.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/08/2013 1956			Final Weight/Volume:	5 mL
Prep Date:	08/08/2013 1956				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		3.3	4.0
1,1,2,2-Tetrachloroethane	ND		0.84	4.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.2	4.0
1,1,2-Trichloroethane	ND		0.92	4.0
1,1-Dichloroethane	ND		1.5	4.0
1,1-Dichloroethene	ND		1.2	4.0
1,2,4-Trichlorobenzene	ND		1.6	4.0
1,2-Dibromo-3-Chloropropane	ND		1.6	4.0
1,2-Dibromoethane	ND		2.9	4.0
1,2-Dichlorobenzene	ND		3.2	4.0
1,2-Dichloroethane	ND		0.84	4.0
1,2-Dichloropropane	ND		2.9	4.0
1,3-Dichlorobenzene	ND		3.1	4.0
1,4-Dichlorobenzene	ND		3.4	4.0
2-Butanone (MEK)	ND		5.3	40
2-Hexanone	ND		5.0	20
4-Methyl-2-pentanone (MIBK)	ND		8.4	20
Acetone	ND		12	40
Benzene	ND		1.6	4.0
Bromodichloromethane	ND		1.6	4.0
Bromoform	ND		1.0	4.0
Bromomethane	ND		2.8	4.0
Carbon disulfide	ND		0.76	4.0
Carbon tetrachloride	ND		1.1	4.0
Chlorobenzene	ND		3.0	4.0
Chloroethane	ND		1.3	4.0
Chloroform	ND		1.4	4.0
Chloromethane	ND		1.4	4.0
cis-1,2-Dichloroethene	ND		3.2	4.0
cis-1,3-Dichloropropene	ND		1.4	4.0
Cyclohexane	ND		0.72	4.0
Dibromochloromethane	ND		1.3	4.0
Dichlorodifluoromethane	ND		2.7	4.0
Ethylbenzene	ND		3.0	4.0
Isopropylbenzene	ND		3.2	4.0
Methyl acetate	ND		2.0	4.0
Methyl tert-butyl ether	ND		0.64	4.0
Methylcyclohexane	ND		0.64	4.0
Methylene Chloride	ND		1.8	4.0
Styrene	ND		2.9	4.0
Tetrachloroethene	ND		1.4	4.0
Toluene	ND		2.0	4.0
trans-1,2-Dichloroethene	ND		3.6	4.0
trans-1,3-Dichloropropene	ND		1.5	4.0
Trichloroethene	ND		1.8	4.0
Trichlorofluoromethane	ND		3.5	4.0

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-21

Lab Sample ID: 480-43118-7

Date Sampled: 08/02/2013 1440

Client Matrix: Water

Date Received: 08/02/2013 1605

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-132975	Instrument ID:	HP5973P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P0711.D
Dilution:	4.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/08/2013 1956			Final Weight/Volume:	5 mL
Prep Date:	08/08/2013 1956				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		3.6	4.0
Xylenes, Total	ND		2.6	8.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	123		66 - 137
4-Bromofluorobenzene (Surr)	102		73 - 120
Toluene-d8 (Surr)	99		71 - 126

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-1

Lab Sample ID: 480-43118-8

Client Matrix: Water

Date Sampled: 08/02/2013 1450

Date Received: 08/02/2013 1605

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-132975	Instrument ID:	HP5973P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P0712.D
Dilution:	4.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/08/2013 2020			Final Weight/Volume:	5 mL
Prep Date:	08/08/2013 2020				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		3.3	4.0
1,1,2,2-Tetrachloroethane	ND		0.84	4.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.2	4.0
1,1,2-Trichloroethane	ND		0.92	4.0
1,1-Dichloroethane	ND		1.5	4.0
1,1-Dichloroethene	ND		1.2	4.0
1,2,4-Trichlorobenzene	ND		1.6	4.0
1,2-Dibromo-3-Chloropropane	ND		1.6	4.0
1,2-Dibromoethane	ND		2.9	4.0
1,2-Dichlorobenzene	ND		3.2	4.0
1,2-Dichloroethane	ND		0.84	4.0
1,2-Dichloropropane	ND		2.9	4.0
1,3-Dichlorobenzene	ND		3.1	4.0
1,4-Dichlorobenzene	ND		3.4	4.0
2-Butanone (MEK)	ND		5.3	40
2-Hexanone	ND		5.0	20
4-Methyl-2-pentanone (MIBK)	ND		8.4	20
Acetone	ND		12	40
Benzene	ND		1.6	4.0
Bromodichloromethane	ND		1.6	4.0
Bromoform	ND		1.0	4.0
Bromomethane	ND		2.8	4.0
Carbon disulfide	ND		0.76	4.0
Carbon tetrachloride	ND		1.1	4.0
Chlorobenzene	ND		3.0	4.0
Chloroethane	ND		1.3	4.0
Chloroform	ND		1.4	4.0
Chloromethane	ND		1.4	4.0
cis-1,2-Dichloroethene	ND		3.2	4.0
cis-1,3-Dichloropropene	ND		1.4	4.0
Cyclohexane	ND		0.72	4.0
Dibromochloromethane	ND		1.3	4.0
Dichlorodifluoromethane	ND		2.7	4.0
Ethylbenzene	ND		3.0	4.0
Isopropylbenzene	ND		3.2	4.0
Methyl acetate	ND		2.0	4.0
Methyl tert-butyl ether	ND		0.64	4.0
Methylcyclohexane	ND		0.64	4.0
Methylene Chloride	ND		1.8	4.0
Styrene	ND		2.9	4.0
Tetrachloroethene	ND		1.4	4.0
Toluene	ND		2.0	4.0
trans-1,2-Dichloroethene	ND		3.6	4.0
trans-1,3-Dichloropropene	ND		1.5	4.0
Trichloroethene	ND		1.8	4.0
Trichlorofluoromethane	ND		3.5	4.0

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-1

Lab Sample ID: 480-43118-8

Date Sampled: 08/02/2013 1450

Client Matrix: Water

Date Received: 08/02/2013 1605

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-132975	Instrument ID:	HP5973P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P0712.D
Dilution:	4.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/08/2013 2020			Final Weight/Volume:	5 mL
Prep Date:	08/08/2013 2020				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		3.6	4.0
Xylenes, Total	ND		2.6	8.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	127		66 - 137
4-Bromofluorobenzene (Surr)	103		73 - 120
Toluene-d8 (Surr)	100		71 - 126

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-2

Lab Sample ID: 480-43118-9

Date Sampled: 08/02/2013 1505

Client Matrix: Water

Date Received: 08/02/2013 1605

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-132975	Instrument ID:	HP5973P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P0713.D
Dilution:	4.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/08/2013 2045			Final Weight/Volume:	5 mL
Prep Date:	08/08/2013 2045				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		3.3	4.0
1,1,2,2-Tetrachloroethane	ND		0.84	4.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.2	4.0
1,1,2-Trichloroethane	ND		0.92	4.0
1,1-Dichloroethane	ND		1.5	4.0
1,1-Dichloroethene	ND		1.2	4.0
1,2,4-Trichlorobenzene	ND		1.6	4.0
1,2-Dibromo-3-Chloropropane	ND		1.6	4.0
1,2-Dibromoethane	ND		2.9	4.0
1,2-Dichlorobenzene	ND		3.2	4.0
1,2-Dichloroethane	ND		0.84	4.0
1,2-Dichloropropane	ND		2.9	4.0
1,3-Dichlorobenzene	ND		3.1	4.0
1,4-Dichlorobenzene	ND		3.4	4.0
2-Butanone (MEK)	ND		5.3	40
2-Hexanone	ND		5.0	20
4-Methyl-2-pentanone (MIBK)	ND		8.4	20
Acetone	ND		12	40
Benzene	ND		1.6	4.0
Bromodichloromethane	ND		1.6	4.0
Bromoform	ND		1.0	4.0
Bromomethane	ND		2.8	4.0
Carbon disulfide	ND		0.76	4.0
Carbon tetrachloride	ND		1.1	4.0
Chlorobenzene	ND		3.0	4.0
Chloroethane	ND		1.3	4.0
Chloroform	ND		1.4	4.0
Chloromethane	ND		1.4	4.0
cis-1,2-Dichloroethene	ND		3.2	4.0
cis-1,3-Dichloropropene	ND		1.4	4.0
Cyclohexane	ND		0.72	4.0
Dibromochloromethane	ND		1.3	4.0
Dichlorodifluoromethane	ND		2.7	4.0
Ethylbenzene	ND		3.0	4.0
Isopropylbenzene	ND		3.2	4.0
Methyl acetate	ND		2.0	4.0
Methyl tert-butyl ether	ND		0.64	4.0
Methylcyclohexane	ND		0.64	4.0
Methylene Chloride	ND		1.8	4.0
Styrene	ND		2.9	4.0
Tetrachloroethene	ND		1.4	4.0
Toluene	ND		2.0	4.0
trans-1,2-Dichloroethene	ND		3.6	4.0
trans-1,3-Dichloropropene	ND		1.5	4.0
Trichloroethene	ND		1.8	4.0
Trichlorofluoromethane	ND		3.5	4.0

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-2

Lab Sample ID: 480-43118-9

Date Sampled: 08/02/2013 1505

Client Matrix: Water

Date Received: 08/02/2013 1605

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-132975	Instrument ID:	HP5973P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P0713.D
Dilution:	4.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/08/2013 2045			Final Weight/Volume:	5 mL
Prep Date:	08/08/2013 2045				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		3.6	4.0
Xylenes, Total	ND		2.6	8.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	127		66 - 137
4-Bromofluorobenzene (Surr)	102		73 - 120
Toluene-d8 (Surr)	100		71 - 126

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-14B

Lab Sample ID: 480-43118-10

Date Sampled: 08/02/2013 1515

Client Matrix: Water

Date Received: 08/02/2013 1605

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-132975	Instrument ID:	HP5973P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P0714.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/08/2013 2109			Final Weight/Volume:	5 mL
Prep Date:	08/08/2013 2109				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1-Dichloroethane	ND		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Butanone (MEK)	ND		1.3	10
2-Hexanone	ND		1.2	5.0
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Chloroethane	ND		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	ND		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dibromochloromethane	ND		0.32	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	ND		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	ND		0.51	1.0
trans-1,2-Dichloroethene	ND		0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	ND		0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-14B

Lab Sample ID: 480-43118-10

Date Sampled: 08/02/2013 1515

Client Matrix: Water

Date Received: 08/02/2013 1605

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-132975	Instrument ID:	HP5973P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P0714.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/08/2013 2109			Final Weight/Volume:	5 mL
Prep Date:	08/08/2013 2109				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	126		66 - 137
4-Bromofluorobenzene (Surr)	104		73 - 120
Toluene-d8 (Surr)	100		71 - 126

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-43118-11

Client Matrix: Water

Date Sampled: 08/02/2013 0000

Date Received: 08/02/2013 1605

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-132975	Instrument ID:	HP5973P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P0715.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/08/2013 2134			Final Weight/Volume:	5 mL
Prep Date:	08/08/2013 2134				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1-Dichloroethane	ND		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Butanone (MEK)	ND		1.3	10
2-Hexanone	ND		1.2	5.0
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Chloroethane	ND		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	ND		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dibromochloromethane	ND		0.32	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	ND		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	ND		0.51	1.0
trans-1,2-Dichloroethene	ND		0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	ND		0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-43118-11

Date Sampled: 08/02/2013 0000

Client Matrix: Water

Date Received: 08/02/2013 1605

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-132975	Instrument ID:	HP5973P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P0715.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/08/2013 2134			Final Weight/Volume:	5 mL
Prep Date:	08/08/2013 2134				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	127		66 - 137
4-Bromofluorobenzene (Surr)	101		73 - 120
Toluene-d8 (Surr)	99		71 - 126

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-16

Lab Sample ID: 480-43118-1

Client Matrix: Water

Date Sampled: 08/02/2013 1315

Date Received: 08/02/2013 1605

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	480-133115	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-132301	Lab File ID:	W002991.D
Dilution:	1.0			Initial Weight/Volume:	271.7 mL
Analysis Date:	08/09/2013 1317			Final Weight/Volume:	1 mL
Prep Date:	08/05/2013 0723			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Biphenyl	ND		0.60	4.6
bis (2-chloroisopropyl) ether	ND		0.48	4.6
2,4,5-Trichlorophenol	ND		0.44	4.6
2,4,6-Trichlorophenol	ND		0.56	4.6
2,4-Dichlorophenol	ND		0.47	4.6
2,4-Dimethylphenol	ND		0.46	4.6
2,4-Dinitrophenol	ND		2.0	9.2
2,4-Dinitrotoluene	ND		0.41	4.6
2,6-Dinitrotoluene	ND		0.37	4.6
2-Chloronaphthalene	ND		0.42	4.6
2-Chlorophenol	ND		0.49	4.6
2-Methylnaphthalene	ND		0.55	4.6
2-Methylphenol	ND		0.37	4.6
2-Nitroaniline	ND		0.39	9.2
2-Nitrophenol	ND		0.44	4.6
3,3'-Dichlorobenzidine	ND		0.37	4.6
3-Nitroaniline	ND	*	0.44	9.2
4,6-Dinitro-2-methylphenol	ND		2.0	9.2
4-Bromophenyl phenyl ether	ND		0.41	4.6
4-Chloro-3-methylphenol	ND		0.41	4.6
4-Chloroaniline	ND	*	0.54	4.6
4-Chlorophenyl phenyl ether	ND		0.32	4.6
4-Methylphenol	ND		0.33	9.2
4-Nitroaniline	ND		0.23	9.2
4-Nitrophenol	ND		1.4	9.2
Acenaphthene	ND		0.38	4.6
Acenaphthylene	ND		0.35	4.6
Acetophenone	1.5	J	0.50	4.6
Anthracene	ND		0.26	4.6
Atrazine	ND		0.42	4.6
Benzaldehyde	0.36	J B *	0.25	4.6
Benzo(a)anthracene	ND		0.33	4.6
Benzo(a)pyrene	ND		0.43	4.6
Benzo(b)fluoranthene	ND		0.31	4.6
Benzo(g,h,i)perylene	ND		0.32	4.6
Benzo(k)fluoranthene	ND		0.67	4.6
Bis(2-chloroethoxy)methane	ND		0.32	4.6
Bis(2-chloroethyl)ether	ND		0.37	4.6
Bis(2-ethylhexyl) phthalate	ND		1.7	4.6
Butyl benzyl phthalate	ND		0.39	4.6
Caprolactam	ND		2.0	4.6
Carbazole	ND		0.28	4.6
Chrysene	ND		0.30	4.6
Di-n-butyl phthalate	1.0	J B	0.29	4.6
Di-n-octyl phthalate	ND		0.43	4.6
Dibenz(a,h)anthracene	ND		0.39	4.6

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-16

Lab Sample ID: 480-43118-1

Client Matrix: Water

Date Sampled: 08/02/2013 1315

Date Received: 08/02/2013 1605

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	480-133115	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-132301	Lab File ID:	W002991.D
Dilution:	1.0			Initial Weight/Volume:	271.7 mL
Analysis Date:	08/09/2013 1317			Final Weight/Volume:	1 mL
Prep Date:	08/05/2013 0723			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dibenzofuran	ND		0.47	9.2
Diethyl phthalate	0.49	J	0.20	4.6
Dimethyl phthalate	ND		0.33	4.6
Fluoranthene	0.41	J B	0.37	4.6
Fluorene	ND		0.33	4.6
Hexachlorobenzene	ND		0.47	4.6
Hexachlorobutadiene	ND		0.63	4.6
Hexachlorocyclopentadiene	ND		0.54	4.6
Hexachloroethane	ND		0.54	4.6
Indeno(1,2,3-cd)pyrene	ND		0.43	4.6
Isophorone	0.43	J	0.40	4.6
N-Nitrosodi-n-propylamine	ND		0.50	4.6
N-Nitrosodiphenylamine	ND		0.47	4.6
Naphthalene	ND		0.70	4.6
Nitrobenzene	ND		0.27	4.6
Pentachlorophenol	ND		2.0	9.2
Phenanthrene	0.83	J B	0.40	4.6
Phenol	ND		0.36	4.6
Pyrene	ND		0.31	4.6

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	84		39 - 146
2-Fluorobiphenyl	80		37 - 120
2-Fluorophenol	57		18 - 120
Nitrobenzene-d5	87		34 - 132
p-Terphenyl-d14	58		58 - 147
Phenol-d5	39		11 - 120

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-23

Lab Sample ID: 480-43118-2

Client Matrix: Water

Date Sampled: 08/02/2013 1345

Date Received: 08/02/2013 1605

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	480-133115	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-132301	Lab File ID:	W002992.D
Dilution:	1.0			Initial Weight/Volume:	266.3 mL
Analysis Date:	08/09/2013 1344			Final Weight/Volume:	1 mL
Prep Date:	08/05/2013 0723			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Biphenyl	ND		0.61	4.7
bis (2-chloroisopropyl) ether	ND		0.49	4.7
2,4,5-Trichlorophenol	ND		0.45	4.7
2,4,6-Trichlorophenol	ND		0.57	4.7
2,4-Dichlorophenol	ND		0.48	4.7
2,4-Dimethylphenol	ND		0.47	4.7
2,4-Dinitrophenol	ND		2.1	9.4
2,4-Dinitrotoluene	ND		0.42	4.7
2,6-Dinitrotoluene	ND		0.38	4.7
2-Chloronaphthalene	ND		0.43	4.7
2-Chlorophenol	ND		0.50	4.7
2-Methylnaphthalene	ND		0.56	4.7
2-Methylphenol	ND		0.38	4.7
2-Nitroaniline	ND		0.39	9.4
2-Nitrophenol	ND		0.45	4.7
3,3'-Dichlorobenzidine	ND		0.38	4.7
3-Nitroaniline	ND	*	0.45	9.4
4,6-Dinitro-2-methylphenol	ND		2.1	9.4
4-Bromophenyl phenyl ether	ND		0.42	4.7
4-Chloro-3-methylphenol	ND		0.42	4.7
4-Chloroaniline	ND	*	0.55	4.7
4-Chlorophenyl phenyl ether	ND		0.33	4.7
4-Methylphenol	ND		0.34	9.4
4-Nitroaniline	ND		0.23	9.4
4-Nitrophenol	ND		1.4	9.4
Acenaphthene	ND		0.38	4.7
Acenaphthylene	ND		0.36	4.7
Acetophenone	ND		0.51	4.7
Anthracene	ND		0.26	4.7
Atrazine	ND		0.43	4.7
Benzaldehyde	ND	*	0.25	4.7
Benzo(a)anthracene	ND		0.34	4.7
Benzo(a)pyrene	ND		0.44	4.7
Benzo(b)fluoranthene	ND		0.32	4.7
Benzo(g,h,i)perylene	ND		0.33	4.7
Benzo(k)fluoranthene	ND		0.69	4.7
Bis(2-chloroethoxy)methane	ND		0.33	4.7
Bis(2-chloroethyl)ether	ND		0.38	4.7
Bis(2-ethylhexyl) phthalate	ND		1.7	4.7
Butyl benzyl phthalate	ND		0.39	4.7
Caprolactam	ND		2.1	4.7
Carbazole	ND		0.28	4.7
Chrysene	ND		0.31	4.7
Di-n-butyl phthalate	0.50	J B	0.29	4.7
Di-n-octyl phthalate	ND		0.44	4.7
Dibenz(a,h)anthracene	ND		0.39	4.7

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-23

Lab Sample ID: 480-43118-2

Client Matrix: Water

Date Sampled: 08/02/2013 1345

Date Received: 08/02/2013 1605

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	480-133115	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-132301	Lab File ID:	W002992.D
Dilution:	1.0			Initial Weight/Volume:	266.3 mL
Analysis Date:	08/09/2013 1344			Final Weight/Volume:	1 mL
Prep Date:	08/05/2013 0723			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dibenzofuran	ND		0.48	9.4
Diethyl phthalate	0.21	J	0.21	4.7
Dimethyl phthalate	ND		0.34	4.7
Fluoranthene	0.51	J B	0.38	4.7
Fluorene	ND		0.34	4.7
Hexachlorobenzene	ND		0.48	4.7
Hexachlorobutadiene	ND		0.64	4.7
Hexachlorocyclopentadiene	ND		0.55	4.7
Hexachloroethane	ND		0.55	4.7
Indeno(1,2,3-cd)pyrene	ND		0.44	4.7
Isophorone	ND		0.40	4.7
N-Nitrosodi-n-propylamine	ND		0.51	4.7
N-Nitrosodiphenylamine	ND		0.48	4.7
Naphthalene	ND		0.71	4.7
Nitrobenzene	ND		0.27	4.7
Pentachlorophenol	ND		2.1	9.4
Phenanthrene	0.85	J B	0.41	4.7
Phenol	ND		0.37	4.7
Pyrene	ND		0.32	4.7

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	80		39 - 146
2-Fluorobiphenyl	75		37 - 120
2-Fluorophenol	55		18 - 120
Nitrobenzene-d5	81		34 - 132
p-Terphenyl-d14	67		58 - 147
Phenol-d5	40		11 - 120

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-13

Lab Sample ID: 480-43118-3

Client Matrix: Water

Date Sampled: 08/02/2013 1400

Date Received: 08/02/2013 1605

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	480-133115	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-132301	Lab File ID:	W002993.D
Dilution:	1.0			Initial Weight/Volume:	259.7 mL
Analysis Date:	08/09/2013 1412			Final Weight/Volume:	1 mL
Prep Date:	08/05/2013 0723			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Biphenyl	ND		0.63	4.8
bis (2-chloroisopropyl) ether	ND		0.50	4.8
2,4,5-Trichlorophenol	ND		0.46	4.8
2,4,6-Trichlorophenol	ND		0.59	4.8
2,4-Dichlorophenol	ND		0.49	4.8
2,4-Dimethylphenol	ND		0.48	4.8
2,4-Dinitrophenol	ND		2.1	9.6
2,4-Dinitrotoluene	ND		0.43	4.8
2,6-Dinitrotoluene	ND		0.39	4.8
2-Chloronaphthalene	ND		0.44	4.8
2-Chlorophenol	ND		0.51	4.8
2-Methylnaphthalene	ND		0.58	4.8
2-Methylphenol	ND		0.39	4.8
2-Nitroaniline	ND		0.40	9.6
2-Nitrophenol	ND		0.46	4.8
3,3'-Dichlorobenzidine	ND		0.39	4.8
3-Nitroaniline	ND	*	0.46	9.6
4,6-Dinitro-2-methylphenol	ND		2.1	9.6
4-Bromophenyl phenyl ether	ND		0.43	4.8
4-Chloro-3-methylphenol	ND		0.43	4.8
4-Chloroaniline	ND	*	0.57	4.8
4-Chlorophenyl phenyl ether	ND		0.34	4.8
4-Methylphenol	3.2	J	0.35	9.6
4-Nitroaniline	ND		0.24	9.6
4-Nitrophenol	ND		1.5	9.6
Acenaphthene	ND		0.39	4.8
Acenaphthylene	ND		0.37	4.8
Acetophenone	ND		0.52	4.8
Anthracene	0.82	J	0.27	4.8
Atrazine	ND		0.44	4.8
Benzaldehyde	0.86	J B *	0.26	4.8
Benzo(a)anthracene	ND		0.35	4.8
Benzo(a)pyrene	ND		0.45	4.8
Benzo(b)fluoranthene	ND		0.33	4.8
Benzo(g,h,i)perylene	ND		0.34	4.8
Benzo(k)fluoranthene	ND		0.70	4.8
Bis(2-chloroethoxy)methane	ND		0.34	4.8
Bis(2-chloroethyl)ether	ND		0.39	4.8
Bis(2-ethylhexyl) phthalate	ND		1.7	4.8
Butyl benzyl phthalate	ND		0.40	4.8
Caprolactam	ND		2.1	4.8
Carbazole	ND		0.29	4.8
Chrysene	ND		0.32	4.8
Di-n-butyl phthalate	0.48	J B	0.30	4.8
Di-n-octyl phthalate	ND		0.45	4.8
Dibenz(a,h)anthracene	ND		0.40	4.8

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-13

Lab Sample ID: 480-43118-3

Client Matrix: Water

Date Sampled: 08/02/2013 1400

Date Received: 08/02/2013 1605

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	480-133115	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-132301	Lab File ID:	W002993.D
Dilution:	1.0			Initial Weight/Volume:	259.7 mL
Analysis Date:	08/09/2013 1412			Final Weight/Volume:	1 mL
Prep Date:	08/05/2013 0723			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dibenzofuran	ND		0.49	9.6
Diethyl phthalate	ND		0.21	4.8
Dimethyl phthalate	ND		0.35	4.8
Fluoranthene	0.51	J B	0.39	4.8
Fluorene	ND		0.35	4.8
Hexachlorobenzene	ND		0.49	4.8
Hexachlorobutadiene	ND		0.65	4.8
Hexachlorocyclopentadiene	ND		0.57	4.8
Hexachloroethane	ND		0.57	4.8
Indeno(1,2,3-cd)pyrene	ND		0.45	4.8
Isophorone	ND		0.41	4.8
N-Nitrosodi-n-propylamine	ND		0.52	4.8
N-Nitrosodiphenylamine	ND		0.49	4.8
Naphthalene	ND		0.73	4.8
Nitrobenzene	ND		0.28	4.8
Pentachlorophenol	ND		2.1	9.6
Phenanthrene	0.84	J B	0.42	4.8
Phenol	ND		0.38	4.8
Pyrene	0.36	J	0.33	4.8

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	85		39 - 146
2-Fluorobiphenyl	84		37 - 120
2-Fluorophenol	62		18 - 120
Nitrobenzene-d5	88		34 - 132
p-Terphenyl-d14	85		58 - 147
Phenol-d5	46		11 - 120

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-24

Lab Sample ID: 480-43118-4

Client Matrix: Water

Date Sampled: 08/02/2013 1415

Date Received: 08/02/2013 1605

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	480-133115	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-132301	Lab File ID:	W002994.D
Dilution:	1.0			Initial Weight/Volume:	268.5 mL
Analysis Date:	08/09/2013 1440			Final Weight/Volume:	1 mL
Prep Date:	08/05/2013 0723			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Biphenyl	ND		0.61	4.7
bis (2-chloroisopropyl) ether	ND		0.48	4.7
2,4,5-Trichlorophenol	ND		0.45	4.7
2,4,6-Trichlorophenol	ND		0.57	4.7
2,4-Dichlorophenol	ND		0.47	4.7
2,4-Dimethylphenol	ND		0.47	4.7
2,4-Dinitrophenol	ND		2.1	9.3
2,4-Dinitrotoluene	ND		0.42	4.7
2,6-Dinitrotoluene	ND		0.37	4.7
2-Chloronaphthalene	ND		0.43	4.7
2-Chlorophenol	ND		0.49	4.7
2-Methylnaphthalene	ND		0.56	4.7
2-Methylphenol	ND		0.37	4.7
2-Nitroaniline	ND		0.39	9.3
2-Nitrophenol	ND		0.45	4.7
3,3'-Dichlorobenzidine	ND		0.37	4.7
3-Nitroaniline	ND	*	0.45	9.3
4,6-Dinitro-2-methylphenol	ND		2.0	9.3
4-Bromophenyl phenyl ether	ND		0.42	4.7
4-Chloro-3-methylphenol	ND		0.42	4.7
4-Chloroaniline	ND	*	0.55	4.7
4-Chlorophenyl phenyl ether	ND		0.33	4.7
4-Methylphenol	ND		0.34	9.3
4-Nitroaniline	ND		0.23	9.3
4-Nitrophenol	ND		1.4	9.3
Acenaphthene	ND		0.38	4.7
Acenaphthylene	ND		0.35	4.7
Acetophenone	ND		0.50	4.7
Anthracene	0.97	J	0.26	4.7
Atrazine	ND		0.43	4.7
Benzaldehyde	0.29	J B *	0.25	4.7
Benzo(a)anthracene	ND		0.34	4.7
Benzo(a)pyrene	ND		0.44	4.7
Benzo(b)fluoranthene	ND		0.32	4.7
Benzo(g,h,i)perylene	ND		0.33	4.7
Benzo(k)fluoranthene	ND		0.68	4.7
Bis(2-chloroethoxy)methane	ND		0.33	4.7
Bis(2-chloroethyl)ether	ND		0.37	4.7
Bis(2-ethylhexyl) phthalate	3.1	J	1.7	4.7
Butyl benzyl phthalate	ND		0.39	4.7
Caprolactam	ND		2.0	4.7
Carbazole	ND		0.28	4.7
Chrysene	ND		0.31	4.7
Di-n-butyl phthalate	0.72	J B	0.29	4.7
Di-n-octyl phthalate	ND		0.44	4.7
Dibenz(a,h)anthracene	ND		0.39	4.7

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-24

Lab Sample ID: 480-43118-4

Client Matrix: Water

Date Sampled: 08/02/2013 1415

Date Received: 08/02/2013 1605

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	480-133115	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-132301	Lab File ID:	W002994.D
Dilution:	1.0			Initial Weight/Volume:	268.5 mL
Analysis Date:	08/09/2013 1440			Final Weight/Volume:	1 mL
Prep Date:	08/05/2013 0723			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dibenzofuran	ND		0.47	9.3
Diethyl phthalate	0.33	J	0.20	4.7
Dimethyl phthalate	ND		0.34	4.7
Fluoranthene	0.43	J B	0.37	4.7
Fluorene	ND		0.34	4.7
Hexachlorobenzene	ND		0.47	4.7
Hexachlorobutadiene	ND		0.63	4.7
Hexachlorocyclopentadiene	ND		0.55	4.7
Hexachloroethane	ND		0.55	4.7
Indeno(1,2,3-cd)pyrene	ND		0.44	4.7
Isophorone	ND		0.40	4.7
N-Nitrosodi-n-propylamine	ND		0.50	4.7
N-Nitrosodiphenylamine	ND		0.47	4.7
Naphthalene	ND		0.71	4.7
Nitrobenzene	ND		0.27	4.7
Pentachlorophenol	ND		2.0	9.3
Phenanthrene	1.0	J B	0.41	4.7
Phenol	ND		0.36	4.7
Pyrene	ND		0.32	4.7

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	89		39 - 146
2-Fluorobiphenyl	81		37 - 120
2-Fluorophenol	61		18 - 120
Nitrobenzene-d5	86		34 - 132
p-Terphenyl-d14	69		58 - 147
Phenol-d5	43		11 - 120

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-25

Lab Sample ID: 480-43118-5

Client Matrix: Water

Date Sampled: 08/02/2013 1420

Date Received: 08/02/2013 1605

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	480-132871	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-132679	Lab File ID:	W002956.D
Dilution:	5.0			Initial Weight/Volume:	272.8 mL
Analysis Date:	08/08/2013 0613			Final Weight/Volume:	1 mL
Prep Date:	08/07/2013 0617			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Biphenyl	ND		3.0	23
bis (2-chloroisopropyl) ether	ND		2.4	23
2,4,5-Trichlorophenol	ND		2.2	23
2,4,6-Trichlorophenol	ND		2.8	23
2,4-Dichlorophenol	ND		2.3	23
2,4-Dimethylphenol	420	E	2.3	23
2,4-Dinitrophenol	ND		10	46
2,4-Dinitrotoluene	ND		2.0	23
2,6-Dinitrotoluene	ND		1.8	23
2-Chloronaphthalene	ND		2.1	23
2-Chlorophenol	10	J	2.4	23
2-Methylnaphthalene	ND		2.7	23
2-Methylphenol	61		1.8	23
2-Nitroaniline	ND		1.9	46
2-Nitrophenol	ND		2.2	23
3,3'-Dichlorobenzidine	ND		1.8	23
3-Nitroaniline	ND	*	2.2	46
4,6-Dinitro-2-methylphenol	ND		10	46
4-Bromophenyl phenyl ether	ND		2.1	23
4-Chloro-3-methylphenol	ND		2.1	23
4-Chloroaniline	ND	*	2.7	23
4-Chlorophenyl phenyl ether	ND		1.6	23
4-Methylphenol	540	E	1.6	46
4-Nitroaniline	ND		1.1	46
4-Nitrophenol	ND		7.0	46
Acenaphthene	ND		1.9	23
Acenaphthylene	ND		1.7	23
Acetophenone	ND		2.5	23
Anthracene	ND		1.3	23
Atrazine	ND		2.1	23
Benzaldehyde	8.4	J	1.2	23
Benzo(a)anthracene	ND		1.6	23
Benzo(a)pyrene	ND		2.2	23
Benzo(b)fluoranthene	ND		1.6	23
Benzo(g,h,i)perylene	ND		1.6	23
Benzo(k)fluoranthene	ND		3.3	23
Bis(2-chloroethoxy)methane	ND		1.6	23
Bis(2-chloroethyl)ether	ND		1.8	23
Bis(2-ethylhexyl) phthalate	ND		8.2	23
Butyl benzyl phthalate	ND		1.9	23
Caprolactam	ND		10	23
Carbazole	ND		1.4	23
Chrysene	ND		1.5	23
Di-n-butyl phthalate	ND		1.4	23
Di-n-octyl phthalate	ND		2.2	23
Dibenz(a,h)anthracene	ND		1.9	23

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-25

Lab Sample ID: 480-43118-5

Client Matrix: Water

Date Sampled: 08/02/2013 1420

Date Received: 08/02/2013 1605

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	480-132871	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-132679	Lab File ID:	W002956.D
Dilution:	5.0			Initial Weight/Volume:	272.8 mL
Analysis Date:	08/08/2013 0613			Final Weight/Volume:	1 mL
Prep Date:	08/07/2013 0617			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dibenzofuran	ND		2.3	46
Diethyl phthalate	ND		1.0	23
Dimethyl phthalate	ND		1.6	23
Fluoranthene	ND		1.8	23
Fluorene	ND		1.6	23
Hexachlorobenzene	ND		2.3	23
Hexachlorobutadiene	ND		3.1	23
Hexachlorocyclopentadiene	ND		2.7	23
Hexachloroethane	ND		2.7	23
Indeno(1,2,3-cd)pyrene	ND		2.2	23
Isophorone	ND		2.0	23
N-Nitrosodi-n-propylamine	ND		2.5	23
N-Nitrosodiphenylamine	ND		2.3	23
Naphthalene	27		3.5	23
Nitrobenzene	ND		1.3	23
Pentachlorophenol	ND		10	46
Phenanthrene	ND		2.0	23
Phenol	43		1.8	23
Pyrene	ND		1.6	23

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	67		39 - 146
2-Fluorobiphenyl	84		37 - 120
2-Fluorophenol	49		18 - 120
Nitrobenzene-d5	75		34 - 132
p-Terphenyl-d14	77		58 - 147
Phenol-d5	1	X	11 - 120

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-25

Lab Sample ID: 480-43118-5

Client Matrix: Water

Date Sampled: 08/02/2013 1420

Date Received: 08/02/2013 1605

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	480-132871	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-132679	Lab File ID:	W002962.D
Dilution:	25			Initial Weight/Volume:	272.8 mL
Analysis Date:	08/08/2013 0956	Run Type:	DL	Final Weight/Volume:	1 mL
Prep Date:	08/07/2013 0617			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Biphenyl	ND		15	110
bis (2-chloroisopropyl) ether	ND		12	110
2,4,5-Trichlorophenol	ND		11	110
2,4,6-Trichlorophenol	ND		14	110
2,4-Dichlorophenol	ND		12	110
2,4-Dimethylphenol	430		11	110
2,4-Dinitrophenol	ND		51	230
2,4-Dinitrotoluene	ND		10	110
2,6-Dinitrotoluene	ND		9.2	110
2-Chloronaphthalene	ND		11	110
2-Chlorophenol	ND		12	110
2-Methylnaphthalene	ND		14	110
2-Methylphenol	60	J	9.2	110
2-Nitroaniline	ND		9.6	230
2-Nitrophenol	ND		11	110
3,3'-Dichlorobenzidine	ND		9.2	110
3-Nitroaniline	ND	*	11	230
4,6-Dinitro-2-methylphenol	ND		50	230
4-Bromophenyl phenyl ether	ND		10	110
4-Chloro-3-methylphenol	29	J	10	110
4-Chloroaniline	ND	*	14	110
4-Chlorophenyl phenyl ether	ND		8.0	110
4-Methylphenol	520		8.2	230
4-Nitroaniline	ND		5.7	230
4-Nitrophenol	ND		35	230
Acenaphthene	ND		9.4	110
Acenaphthylene	ND		8.7	110
Acetophenone	ND		12	110
Anthracene	ND		6.4	110
Atrazine	ND		11	110
Benzaldehyde	8.7	J	6.1	110
Benzo(a)anthracene	ND		8.2	110
Benzo(a)pyrene	ND		11	110
Benzo(b)fluoranthene	ND		7.8	110
Benzo(g,h,i)perylene	ND		8.0	110
Benzo(k)fluoranthene	ND		17	110
Bis(2-chloroethoxy)methane	ND		8.0	110
Bis(2-chloroethyl)ether	ND		9.2	110
Bis(2-ethylhexyl) phthalate	ND		41	110
Butyl benzyl phthalate	ND		9.6	110
Caprolactam	ND		50	110
Carbazole	ND		6.9	110
Chrysene	ND		7.6	110
Di-n-butyl phthalate	ND		7.1	110
Di-n-octyl phthalate	ND		11	110
Dibenz(a,h)anthracene	ND		9.6	110

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-25

Lab Sample ID: 480-43118-5

Client Matrix: Water

Date Sampled: 08/02/2013 1420

Date Received: 08/02/2013 1605

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	480-132871	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-132679	Lab File ID:	W002962.D
Dilution:	25			Initial Weight/Volume:	272.8 mL
Analysis Date:	08/08/2013 0956	Run Type:	DL	Final Weight/Volume:	1 mL
Prep Date:	08/07/2013 0617			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dibenzofuran	ND		12	230
Diethyl phthalate	ND		5.0	110
Dimethyl phthalate	ND		8.2	110
Fluoranthene	ND		9.2	110
Fluorene	ND		8.2	110
Hexachlorobenzene	ND		12	110
Hexachlorobutadiene	ND		16	110
Hexachlorocyclopentadiene	ND		14	110
Hexachloroethane	ND		14	110
Indeno(1,2,3-cd)pyrene	ND		11	110
Isophorone	ND		9.9	110
N-Nitrosodi-n-propylamine	ND		12	110
N-Nitrosodiphenylamine	ND		12	110
Naphthalene	40	J	17	110
Nitrobenzene	89	J	6.6	110
Pentachlorophenol	ND		50	230
Phenanthrene	ND		10	110
Phenol	48	J	8.9	110
Pyrene	ND		7.8	110

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	56		39 - 146
2-Fluorobiphenyl	71		37 - 120
2-Fluorophenol	49		18 - 120
Nitrobenzene-d5	62		34 - 132
p-Terphenyl-d14	84		58 - 147
Phenol-d5	39		11 - 120

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-22

Lab Sample ID: 480-43118-6

Client Matrix: Water

Date Sampled: 08/02/2013 1430

Date Received: 08/02/2013 1605

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	480-133115	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-132301	Lab File ID:	W002995.D
Dilution:	1.0			Initial Weight/Volume:	272.4 mL
Analysis Date:	08/09/2013 1508			Final Weight/Volume:	1 mL
Prep Date:	08/05/2013 0723			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Biphenyl	ND		0.60	4.6
bis (2-chloroisopropyl) ether	ND		0.48	4.6
2,4,5-Trichlorophenol	ND		0.44	4.6
2,4,6-Trichlorophenol	ND		0.56	4.6
2,4-Dichlorophenol	ND		0.47	4.6
2,4-Dimethylphenol	ND		0.46	4.6
2,4-Dinitrophenol	ND		2.0	9.2
2,4-Dinitrotoluene	ND		0.41	4.6
2,6-Dinitrotoluene	ND		0.37	4.6
2-Chloronaphthalene	ND		0.42	4.6
2-Chlorophenol	ND		0.49	4.6
2-Methylnaphthalene	ND		0.55	4.6
2-Methylphenol	ND		0.37	4.6
2-Nitroaniline	ND		0.39	9.2
2-Nitrophenol	ND		0.44	4.6
3,3'-Dichlorobenzidine	ND		0.37	4.6
3-Nitroaniline	ND	*	0.44	9.2
4,6-Dinitro-2-methylphenol	ND		2.0	9.2
4-Bromophenyl phenyl ether	ND		0.41	4.6
4-Chloro-3-methylphenol	ND		0.41	4.6
4-Chloroaniline	ND	*	0.54	4.6
4-Chlorophenyl phenyl ether	ND		0.32	4.6
4-Methylphenol	ND		0.33	9.2
4-Nitroaniline	ND		0.23	9.2
4-Nitrophenol	ND		1.4	9.2
Acenaphthene	ND		0.38	4.6
Acenaphthylene	ND		0.35	4.6
Acetophenone	ND		0.50	4.6
Anthracene	ND		0.26	4.6
Atrazine	ND		0.42	4.6
Benzaldehyde	0.28	J B *	0.25	4.6
Benzo(a)anthracene	ND		0.33	4.6
Benzo(a)pyrene	ND		0.43	4.6
Benzo(b)fluoranthene	ND		0.31	4.6
Benzo(g,h,i)perylene	ND		0.32	4.6
Benzo(k)fluoranthene	ND		0.67	4.6
Bis(2-chloroethoxy)methane	ND		0.32	4.6
Bis(2-chloroethyl)ether	ND		0.37	4.6
Bis(2-ethylhexyl) phthalate	ND		1.7	4.6
Butyl benzyl phthalate	ND		0.39	4.6
Caprolactam	ND		2.0	4.6
Carbazole	ND		0.28	4.6
Chrysene	ND		0.30	4.6
Di-n-butyl phthalate	ND		0.28	4.6
Di-n-octyl phthalate	ND		0.43	4.6
Dibenz(a,h)anthracene	ND		0.39	4.6

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-22

Lab Sample ID: 480-43118-6

Client Matrix: Water

Date Sampled: 08/02/2013 1430

Date Received: 08/02/2013 1605

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	480-133115	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-132301	Lab File ID:	W002995.D
Dilution:	1.0			Initial Weight/Volume:	272.4 mL
Analysis Date:	08/09/2013 1508			Final Weight/Volume:	1 mL
Prep Date:	08/05/2013 0723			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dibenzofuran	ND		0.47	9.2
Diethyl phthalate	0.57	J	0.20	4.6
Dimethyl phthalate	ND		0.33	4.6
Fluoranthene	0.39	J B	0.37	4.6
Fluorene	ND		0.33	4.6
Hexachlorobenzene	ND		0.47	4.6
Hexachlorobutadiene	ND		0.62	4.6
Hexachlorocyclopentadiene	ND		0.54	4.6
Hexachloroethane	ND		0.54	4.6
Indeno(1,2,3-cd)pyrene	ND		0.43	4.6
Isophorone	ND		0.39	4.6
N-Nitrosodi-n-propylamine	ND		0.50	4.6
N-Nitrosodiphenylamine	ND		0.47	4.6
Naphthalene	ND		0.70	4.6
Nitrobenzene	ND		0.27	4.6
Pentachlorophenol	ND		2.0	9.2
Phenanthrene	0.80	J B	0.40	4.6
Phenol	ND		0.36	4.6
Pyrene	ND		0.31	4.6

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	85		39 - 146
2-Fluorobiphenyl	88		37 - 120
2-Fluorophenol	54		18 - 120
Nitrobenzene-d5	92		34 - 132
p-Terphenyl-d14	86		58 - 147
Phenol-d5	36		11 - 120

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-21

Lab Sample ID: 480-43118-7

Client Matrix: Water

Date Sampled: 08/02/2013 1440

Date Received: 08/02/2013 1605

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	480-133115	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-132301	Lab File ID:	W002996.D
Dilution:	1.0			Initial Weight/Volume:	272.6 mL
Analysis Date:	08/09/2013 1536			Final Weight/Volume:	1 mL
Prep Date:	08/05/2013 0723			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Biphenyl	ND		0.60	4.6
bis (2-chloroisopropyl) ether	ND		0.48	4.6
2,4,5-Trichlorophenol	ND		0.44	4.6
2,4,6-Trichlorophenol	ND		0.56	4.6
2,4-Dichlorophenol	ND		0.47	4.6
2,4-Dimethylphenol	ND		0.46	4.6
2,4-Dinitrophenol	ND		2.0	9.2
2,4-Dinitrotoluene	ND		0.41	4.6
2,6-Dinitrotoluene	ND		0.37	4.6
2-Chloronaphthalene	ND		0.42	4.6
2-Chlorophenol	ND		0.49	4.6
2-Methylnaphthalene	ND		0.55	4.6
2-Methylphenol	ND		0.37	4.6
2-Nitroaniline	ND		0.39	9.2
2-Nitrophenol	ND		0.44	4.6
3,3'-Dichlorobenzidine	ND		0.37	4.6
3-Nitroaniline	ND	*	0.44	9.2
4,6-Dinitro-2-methylphenol	ND		2.0	9.2
4-Bromophenyl phenyl ether	ND		0.41	4.6
4-Chloro-3-methylphenol	ND		0.41	4.6
4-Chloroaniline	ND	*	0.54	4.6
4-Chlorophenyl phenyl ether	ND		0.32	4.6
4-Methylphenol	ND		0.33	9.2
4-Nitroaniline	ND		0.23	9.2
4-Nitrophenol	ND		1.4	9.2
Acenaphthene	ND		0.38	4.6
Acenaphthylene	ND		0.35	4.6
Acetophenone	ND		0.50	4.6
Anthracene	ND		0.26	4.6
Atrazine	ND		0.42	4.6
Benzaldehyde	ND	*	0.24	4.6
Benzo(a)anthracene	ND		0.33	4.6
Benzo(a)pyrene	ND		0.43	4.6
Benzo(b)fluoranthene	ND		0.31	4.6
Benzo(g,h,i)perylene	ND		0.32	4.6
Benzo(k)fluoranthene	ND		0.67	4.6
Bis(2-chloroethoxy)methane	ND		0.32	4.6
Bis(2-chloroethyl)ether	ND		0.37	4.6
Bis(2-ethylhexyl) phthalate	2.8	J	1.7	4.6
Butyl benzyl phthalate	ND		0.39	4.6
Caprolactam	ND		2.0	4.6
Carbazole	ND		0.28	4.6
Chrysene	ND		0.30	4.6
Di-n-butyl phthalate	0.59	J B	0.28	4.6
Di-n-octyl phthalate	ND		0.43	4.6
Dibenz(a,h)anthracene	ND		0.39	4.6

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-21

Lab Sample ID: 480-43118-7

Client Matrix: Water

Date Sampled: 08/02/2013 1440

Date Received: 08/02/2013 1605

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	480-133115	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-132301	Lab File ID:	W002996.D
Dilution:	1.0			Initial Weight/Volume:	272.6 mL
Analysis Date:	08/09/2013 1536			Final Weight/Volume:	1 mL
Prep Date:	08/05/2013 0723			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dibenzofuran	ND		0.47	9.2
Diethyl phthalate	ND		0.20	4.6
Dimethyl phthalate	ND		0.33	4.6
Fluoranthene	ND		0.37	4.6
Fluorene	ND		0.33	4.6
Hexachlorobenzene	ND		0.47	4.6
Hexachlorobutadiene	ND		0.62	4.6
Hexachlorocyclopentadiene	ND		0.54	4.6
Hexachloroethane	ND		0.54	4.6
Indeno(1,2,3-cd)pyrene	ND		0.43	4.6
Isophorone	ND		0.39	4.6
N-Nitrosodi-n-propylamine	ND		0.50	4.6
N-Nitrosodiphenylamine	ND		0.47	4.6
Naphthalene	ND		0.70	4.6
Nitrobenzene	ND		0.27	4.6
Pentachlorophenol	ND		2.0	9.2
Phenanthrene	0.91	J B	0.40	4.6
Phenol	2.5	J	0.36	4.6
Pyrene	ND		0.31	4.6

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	87		39 - 146
2-Fluorobiphenyl	86		37 - 120
2-Fluorophenol	57		18 - 120
Nitrobenzene-d5	91		34 - 132
p-Terphenyl-d14	59		58 - 147
Phenol-d5	39		11 - 120

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-1

Lab Sample ID: 480-43118-8

Client Matrix: Water

Date Sampled: 08/02/2013 1450

Date Received: 08/02/2013 1605

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	480-133115	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-132301	Lab File ID:	W002997.D
Dilution:	1.0			Initial Weight/Volume:	258.5 mL
Analysis Date:	08/09/2013 1603			Final Weight/Volume:	1 mL
Prep Date:	08/05/2013 0723			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Biphenyl	ND		0.63	4.8
bis (2-chloroisopropyl) ether	ND		0.50	4.8
2,4,5-Trichlorophenol	ND		0.46	4.8
2,4,6-Trichlorophenol	ND		0.59	4.8
2,4-Dichlorophenol	ND		0.49	4.8
2,4-Dimethylphenol	ND		0.48	4.8
2,4-Dinitrophenol	ND		2.1	9.7
2,4-Dinitrotoluene	ND		0.43	4.8
2,6-Dinitrotoluene	ND		0.39	4.8
2-Chloronaphthalene	ND		0.44	4.8
2-Chlorophenol	ND		0.51	4.8
2-Methylnaphthalene	ND		0.58	4.8
2-Methylphenol	ND		0.39	4.8
2-Nitroaniline	ND		0.41	9.7
2-Nitrophenol	ND		0.46	4.8
3,3'-Dichlorobenzidine	ND		0.39	4.8
3-Nitroaniline	ND	*	0.46	9.7
4,6-Dinitro-2-methylphenol	ND		2.1	9.7
4-Bromophenyl phenyl ether	ND		0.44	4.8
4-Chloro-3-methylphenol	ND		0.44	4.8
4-Chloroaniline	ND	*	0.57	4.8
4-Chlorophenyl phenyl ether	ND		0.34	4.8
4-Methylphenol	ND		0.35	9.7
4-Nitroaniline	ND		0.24	9.7
4-Nitrophenol	ND		1.5	9.7
Acenaphthene	ND		0.40	4.8
Acenaphthylene	ND		0.37	4.8
Acetophenone	ND		0.52	4.8
Anthracene	ND		0.27	4.8
Atrazine	ND		0.44	4.8
Benzaldehyde	0.30	J B *	0.26	4.8
Benzo(a)anthracene	ND		0.35	4.8
Benzo(a)pyrene	ND		0.45	4.8
Benzo(b)fluoranthene	ND		0.33	4.8
Benzo(g,h,i)perylene	ND		0.34	4.8
Benzo(k)fluoranthene	ND		0.71	4.8
Bis(2-chloroethoxy)methane	ND		0.34	4.8
Bis(2-chloroethyl)ether	ND		0.39	4.8
Bis(2-ethylhexyl) phthalate	ND		1.7	4.8
Butyl benzyl phthalate	ND		0.41	4.8
Caprolactam	ND		2.1	4.8
Carbazole	ND		0.29	4.8
Chrysene	ND		0.32	4.8
Di-n-butyl phthalate	0.67	J B	0.30	4.8
Di-n-octyl phthalate	ND		0.45	4.8
Dibenz(a,h)anthracene	ND		0.41	4.8

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-1

Lab Sample ID: 480-43118-8

Client Matrix: Water

Date Sampled: 08/02/2013 1450

Date Received: 08/02/2013 1605

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	480-133115	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-132301	Lab File ID:	W002997.D
Dilution:	1.0			Initial Weight/Volume:	258.5 mL
Analysis Date:	08/09/2013 1603			Final Weight/Volume:	1 mL
Prep Date:	08/05/2013 0723			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dibenzofuran	ND		0.49	9.7
Diethyl phthalate	ND		0.21	4.8
Dimethyl phthalate	ND		0.35	4.8
Fluoranthene	ND		0.39	4.8
Fluorene	ND		0.35	4.8
Hexachlorobenzene	ND		0.49	4.8
Hexachlorobutadiene	ND		0.66	4.8
Hexachlorocyclopentadiene	ND		0.57	4.8
Hexachloroethane	ND		0.57	4.8
Indeno(1,2,3-cd)pyrene	ND		0.45	4.8
Isophorone	ND		0.42	4.8
N-Nitrosodi-n-propylamine	ND		0.52	4.8
N-Nitrosodiphenylamine	ND		0.49	4.8
Naphthalene	ND		0.74	4.8
Nitrobenzene	ND		0.28	4.8
Pentachlorophenol	ND		2.1	9.7
Phenanthrene	0.78	J B	0.43	4.8
Phenol	ND		0.38	4.8
Pyrene	ND		0.33	4.8

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	85		39 - 146
2-Fluorobiphenyl	82		37 - 120
2-Fluorophenol	57		18 - 120
Nitrobenzene-d5	84		34 - 132
p-Terphenyl-d14	95		58 - 147
Phenol-d5	40		11 - 120

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-2

Lab Sample ID: 480-43118-9

Client Matrix: Water

Date Sampled: 08/02/2013 1505

Date Received: 08/02/2013 1605

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	480-133115	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-132301	Lab File ID:	W002998.D
Dilution:	1.0			Initial Weight/Volume:	270.7 mL
Analysis Date:	08/09/2013 1630			Final Weight/Volume:	1 mL
Prep Date:	08/05/2013 0723			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Biphenyl	ND		0.60	4.6
bis (2-chloroisopropyl) ether	ND		0.48	4.6
2,4,5-Trichlorophenol	ND		0.44	4.6
2,4,6-Trichlorophenol	ND		0.56	4.6
2,4-Dichlorophenol	ND		0.47	4.6
2,4-Dimethylphenol	ND		0.46	4.6
2,4-Dinitrophenol	ND		2.1	9.2
2,4-Dinitrotoluene	ND		0.41	4.6
2,6-Dinitrotoluene	ND		0.37	4.6
2-Chloronaphthalene	ND		0.42	4.6
2-Chlorophenol	ND		0.49	4.6
2-Methylnaphthalene	ND		0.55	4.6
2-Methylphenol	ND		0.37	4.6
2-Nitroaniline	ND		0.39	9.2
2-Nitrophenol	ND		0.44	4.6
3,3'-Dichlorobenzidine	ND		0.37	4.6
3-Nitroaniline	ND	*	0.44	9.2
4,6-Dinitro-2-methylphenol	ND		2.0	9.2
4-Bromophenyl phenyl ether	ND		0.42	4.6
4-Chloro-3-methylphenol	ND		0.42	4.6
4-Chloroaniline	ND	*	0.54	4.6
4-Chlorophenyl phenyl ether	ND		0.32	4.6
4-Methylphenol	ND		0.33	9.2
4-Nitroaniline	ND		0.23	9.2
4-Nitrophenol	ND		1.4	9.2
Acenaphthene	ND		0.38	4.6
Acenaphthylene	ND		0.35	4.6
Acetophenone	ND		0.50	4.6
Anthracene	ND		0.26	4.6
Atrazine	ND		0.42	4.6
Benzaldehyde	ND	*	0.25	4.6
Benzo(a)anthracene	ND		0.33	4.6
Benzo(a)pyrene	ND		0.43	4.6
Benzo(b)fluoranthene	ND		0.31	4.6
Benzo(g,h,i)perylene	ND		0.32	4.6
Benzo(k)fluoranthene	ND		0.67	4.6
Bis(2-chloroethoxy)methane	ND		0.32	4.6
Bis(2-chloroethyl)ether	ND		0.37	4.6
Bis(2-ethylhexyl) phthalate	ND		1.7	4.6
Butyl benzyl phthalate	ND		0.39	4.6
Caprolactam	ND		2.0	4.6
Carbazole	ND		0.28	4.6
Chrysene	ND		0.30	4.6
Di-n-butyl phthalate	0.47	J B	0.29	4.6
Di-n-octyl phthalate	ND		0.43	4.6
Dibenz(a,h)anthracene	ND		0.39	4.6

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-2

Lab Sample ID: 480-43118-9

Client Matrix: Water

Date Sampled: 08/02/2013 1505

Date Received: 08/02/2013 1605

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	480-133115	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-132301	Lab File ID:	W002998.D
Dilution:	1.0			Initial Weight/Volume:	270.7 mL
Analysis Date:	08/09/2013 1630			Final Weight/Volume:	1 mL
Prep Date:	08/05/2013 0723			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dibenzofuran	ND		0.47	9.2
Diethyl phthalate	ND		0.20	4.6
Dimethyl phthalate	ND		0.33	4.6
Fluoranthene	ND		0.37	4.6
Fluorene	ND		0.33	4.6
Hexachlorobenzene	ND		0.47	4.6
Hexachlorobutadiene	ND		0.63	4.6
Hexachlorocyclopentadiene	ND		0.54	4.6
Hexachloroethane	ND		0.54	4.6
Indeno(1,2,3-cd)pyrene	ND		0.43	4.6
Isophorone	ND		0.40	4.6
N-Nitrosodi-n-propylamine	ND		0.50	4.6
N-Nitrosodiphenylamine	ND		0.47	4.6
Naphthalene	ND		0.70	4.6
Nitrobenzene	0.89	J	0.27	4.6
Pentachlorophenol	ND		2.0	9.2
Phenanthrene	ND		0.41	4.6
Phenol	ND		0.36	4.6
Pyrene	ND		0.31	4.6

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	75		39 - 146
2-Fluorobiphenyl	77		37 - 120
2-Fluorophenol	54		18 - 120
Nitrobenzene-d5	80		34 - 132
p-Terphenyl-d14	96		58 - 147
Phenol-d5	41		11 - 120

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-14B

Lab Sample ID: 480-43118-10

Client Matrix: Water

Date Sampled: 08/02/2013 1515

Date Received: 08/02/2013 1605

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	480-133115	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-132301	Lab File ID:	W002999.D
Dilution:	1.0			Initial Weight/Volume:	265 mL
Analysis Date:	08/09/2013 1657			Final Weight/Volume:	1 mL
Prep Date:	08/05/2013 0723			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Biphenyl	ND		0.62	4.7
bis (2-chloroisopropyl) ether	ND		0.49	4.7
2,4,5-Trichlorophenol	ND		0.45	4.7
2,4,6-Trichlorophenol	ND		0.58	4.7
2,4-Dichlorophenol	ND		0.48	4.7
2,4-Dimethylphenol	ND		0.47	4.7
2,4-Dinitrophenol	ND		2.1	9.4
2,4-Dinitrotoluene	ND		0.42	4.7
2,6-Dinitrotoluene	ND		0.38	4.7
2-Chloronaphthalene	ND		0.43	4.7
2-Chlorophenol	ND		0.50	4.7
2-Methylnaphthalene	ND		0.57	4.7
2-Methylphenol	ND		0.38	4.7
2-Nitroaniline	ND		0.40	9.4
2-Nitrophenol	ND		0.45	4.7
3,3'-Dichlorobenzidine	ND		0.38	4.7
3-Nitroaniline	ND	*	0.45	9.4
4,6-Dinitro-2-methylphenol	ND		2.1	9.4
4-Bromophenyl phenyl ether	ND		0.42	4.7
4-Chloro-3-methylphenol	ND		0.42	4.7
4-Chloroaniline	ND	*	0.56	4.7
4-Chlorophenyl phenyl ether	ND		0.33	4.7
4-Methylphenol	ND		0.34	9.4
4-Nitroaniline	ND		0.24	9.4
4-Nitrophenol	ND		1.4	9.4
Acenaphthene	ND		0.39	4.7
Acenaphthylene	ND		0.36	4.7
Acetophenone	ND		0.51	4.7
Anthracene	ND		0.26	4.7
Atrazine	ND		0.43	4.7
Benzaldehyde	ND	*	0.25	4.7
Benzo(a)anthracene	ND		0.34	4.7
Benzo(a)pyrene	ND		0.44	4.7
Benzo(b)fluoranthene	ND		0.32	4.7
Benzo(g,h,i)perylene	ND		0.33	4.7
Benzo(k)fluoranthene	ND		0.69	4.7
Bis(2-chloroethoxy)methane	ND		0.33	4.7
Bis(2-chloroethyl)ether	ND		0.38	4.7
Bis(2-ethylhexyl) phthalate	ND		1.7	4.7
Butyl benzyl phthalate	ND		0.40	4.7
Caprolactam	ND		2.1	4.7
Carbazole	ND		0.28	4.7
Chrysene	ND		0.31	4.7
Di-n-butyl phthalate	0.75	J B	0.29	4.7
Di-n-octyl phthalate	ND		0.44	4.7
Dibenz(a,h)anthracene	ND		0.40	4.7

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-14B

Lab Sample ID: 480-43118-10

Client Matrix: Water

Date Sampled: 08/02/2013 1515

Date Received: 08/02/2013 1605

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	480-133115	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-132301	Lab File ID:	W002999.D
Dilution:	1.0			Initial Weight/Volume:	265 mL
Analysis Date:	08/09/2013 1657			Final Weight/Volume:	1 mL
Prep Date:	08/05/2013 0723			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dibenzofuran	ND		0.48	9.4
Diethyl phthalate	ND		0.21	4.7
Dimethyl phthalate	ND		0.34	4.7
Fluoranthene	ND		0.38	4.7
Fluorene	ND		0.34	4.7
Hexachlorobenzene	ND		0.48	4.7
Hexachlorobutadiene	ND		0.64	4.7
Hexachlorocyclopentadiene	ND		0.56	4.7
Hexachloroethane	ND		0.56	4.7
Indeno(1,2,3-cd)pyrene	ND		0.44	4.7
Isophorone	ND		0.41	4.7
N-Nitrosodi-n-propylamine	ND		0.51	4.7
N-Nitrosodiphenylamine	ND		0.48	4.7
Naphthalene	ND		0.72	4.7
Nitrobenzene	ND		0.27	4.7
Pentachlorophenol	ND		2.1	9.4
Phenanthrene	ND		0.42	4.7
Phenol	ND		0.37	4.7
Pyrene	ND		0.32	4.7

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	72		39 - 146
2-Fluorobiphenyl	85		37 - 120
2-Fluorophenol	61		18 - 120
Nitrobenzene-d5	90		34 - 132
p-Terphenyl-d14	103		58 - 147
Phenol-d5	41		11 - 120

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-16

Lab Sample ID: 480-43118-1

Client Matrix: Water

Date Sampled: 08/02/2013 1315

Date Received: 08/02/2013 1605

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	480-132512	Instrument ID:	HP6890-5
Prep Method:	3510C	Prep Batch:	480-132305	Initial Weight/Volume:	269.7 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	08/06/2013 1306			Injection Volume:	1 uL
Prep Date:	08/05/2013 0739			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	0.087		0.0085	0.046
4,4'-DDE	ND		0.011	0.046
4,4'-DDT	0.16		0.010	0.046
Aldrin	0.085		0.0061	0.046
alpha-BHC	ND		0.0061	0.046
alpha-Chlordane	0.10		0.014	0.046
beta-BHC	0.084		0.023	0.046
delta-BHC	0.096		0.0093	0.046
Dieldrin	0.089		0.0091	0.046
Endosulfan I	0.10		0.010	0.046
Endosulfan II	0.18		0.011	0.046
Endosulfan sulfate	0.050		0.015	0.046
Endrin	ND		0.013	0.046
Endrin aldehyde	0.13		0.015	0.046
Endrin ketone	ND		0.011	0.046
gamma-BHC (Lindane)	0.058		0.0056	0.046
gamma-Chlordane	0.011	J	0.010	0.046
Heptachlor	ND		0.0079	0.046
Heptachlor epoxide	ND		0.0049	0.046
Methoxychlor	0.027	J	0.013	0.046
Toxaphene	ND		0.11	0.46
Surrogate	%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl	38		20 - 120	
Tetrachloro-m-xylene	143	X	36 - 120	

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-23

Lab Sample ID: 480-43118-2

Date Sampled: 08/02/2013 1345

Client Matrix: Water

Date Received: 08/02/2013 1605

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	480-132512	Instrument ID:	HP6890-5
Prep Method:	3510C	Prep Batch:	480-132305	Initial Weight/Volume:	273 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	08/06/2013 1323			Injection Volume:	1 uL
Prep Date:	08/05/2013 0739			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	ND		0.0084	0.046
4,4'-DDE	ND		0.011	0.046
4,4'-DDT	ND		0.010	0.046
Aldrin	ND		0.0060	0.046
alpha-BHC	0.0093	J	0.0060	0.046
alpha-Chlordane	ND		0.014	0.046
beta-BHC	ND		0.023	0.046
delta-BHC	ND		0.0092	0.046
Dieldrin	ND		0.0090	0.046
Endosulfan I	ND		0.010	0.046
Endosulfan II	ND		0.011	0.046
Endosulfan sulfate	ND		0.014	0.046
Endrin	ND		0.013	0.046
Endrin aldehyde	ND		0.015	0.046
Endrin ketone	ND		0.011	0.046
gamma-BHC (Lindane)	0.0071	J	0.0055	0.046
gamma-Chlordane	0.033	J	0.010	0.046
Heptachlor	ND		0.0078	0.046
Heptachlor epoxide	ND		0.0049	0.046
Methoxychlor	ND		0.013	0.046
Toxaphene	ND		0.11	0.46
Surrogate	%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl	31		20 - 120	
Tetrachloro-m-xylene	75		36 - 120	

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-13

Lab Sample ID: 480-43118-3

Client Matrix: Water

Date Sampled: 08/02/2013 1400

Date Received: 08/02/2013 1605

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	480-132512	Instrument ID:	HP6890-5
Prep Method:	3510C	Prep Batch:	480-132305	Initial Weight/Volume:	267.4 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	08/06/2013 1341			Injection Volume:	1 uL
Prep Date:	08/05/2013 0739			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	ND		0.0086	0.047
4,4'-DDE	ND		0.011	0.047
4,4'-DDT	0.039	J	0.010	0.047
Aldrin	0.018	J	0.0062	0.047
alpha-BHC	0.019	J	0.0062	0.047
alpha-Chlordane	ND		0.014	0.047
beta-BHC	ND		0.023	0.047
delta-BHC	ND		0.0093	0.047
Dieldrin	ND		0.0092	0.047
Endosulfan I	ND		0.010	0.047
Endosulfan II	ND		0.011	0.047
Endosulfan sulfate	ND		0.015	0.047
Endrin	ND		0.013	0.047
Endrin aldehyde	0.038	J	0.015	0.047
Endrin ketone	0.019	J	0.011	0.047
gamma-BHC (Lindane)	0.010	J	0.0056	0.047
gamma-Chlordane	0.072		0.010	0.047
Heptachlor	ND		0.0079	0.047
Heptachlor epoxide	ND		0.0050	0.047
Methoxychlor	0.050		0.013	0.047
Toxaphene	ND		0.11	0.47
Surrogate	%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl	37		20 - 120	
Tetrachloro-m-xylene	97		36 - 120	

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-24

Lab Sample ID: 480-43118-4

Client Matrix: Water

Date Sampled: 08/02/2013 1415

Date Received: 08/02/2013 1605

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	480-132512	Instrument ID:	HP6890-5
Prep Method:	3510C	Prep Batch:	480-132305	Initial Weight/Volume:	274.6 mL
Dilution:	5.0			Final Weight/Volume:	2 mL
Analysis Date:	08/06/2013 1358			Injection Volume:	1 uL
Prep Date:	08/05/2013 0739			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	ND		0.042	0.23
4,4'-DDE	ND		0.053	0.23
4,4'-DDT	ND		0.050	0.23
Aldrin	ND		0.030	0.23
alpha-BHC	0.049	J	0.030	0.23
alpha-Chlordane	ND		0.067	0.23
beta-BHC	ND		0.11	0.23
delta-BHC	ND		0.046	0.23
Dieldrin	ND		0.045	0.23
Endosulfan I	ND		0.050	0.23
Endosulfan II	ND		0.055	0.23
Endosulfan sulfate	ND		0.071	0.23
Endrin	ND		0.063	0.23
Endrin aldehyde	ND		0.074	0.23
Endrin ketone	ND		0.055	0.23
gamma-BHC (Lindane)	0.060	J	0.027	0.23
gamma-Chlordane	ND		0.050	0.23
Heptachlor	ND		0.039	0.23
Heptachlor epoxide	ND		0.024	0.23
Methoxychlor	0.080	J	0.064	0.23
Toxaphene	ND		0.55	2.3
Surrogate	%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl	8	X	20 - 120	
Tetrachloro-m-xylene	67		36 - 120	

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-25

Lab Sample ID: 480-43118-5

Client Matrix: Water

Date Sampled: 08/02/2013 1420

Date Received: 08/02/2013 1605

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	480-132512	Instrument ID:	HP6890-5
Prep Method:	3510C	Prep Batch:	480-132305	Initial Weight/Volume:	246.2 mL
Dilution:	100			Final Weight/Volume:	2 mL
Analysis Date:	08/06/2013 1416			Injection Volume:	1 uL
Prep Date:	08/05/2013 0739			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	ND		0.93	5.1
4,4'-DDE	ND		1.2	5.1
4,4'-DDT	ND		1.1	5.1
Aldrin	ND		0.67	5.1
alpha-BHC	300		0.67	5.1
alpha-Chlordane	ND		1.5	5.1
beta-BHC	110		2.5	5.1
delta-BHC	3.1	J	1.0	5.1
Dieldrin	ND		1.0	5.1
Endosulfan I	ND		1.1	5.1
Endosulfan II	ND		1.2	5.1
Endosulfan sulfate	ND		1.6	5.1
Endrin	ND		1.4	5.1
Endrin aldehyde	ND		1.7	5.1
Endrin ketone	ND		1.2	5.1
gamma-BHC (Lindane)	2.6	J	0.61	5.1
gamma-Chlordane	19		1.1	5.1
Heptachlor	ND		0.86	5.1
Heptachlor epoxide	ND		0.54	5.1
Methoxychlor	ND		1.4	5.1
Toxaphene	ND		12	51
Surrogate	%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl	-125	X	20 - 120	
Tetrachloro-m-xylene	5259	X	36 - 120	

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-22

Lab Sample ID: 480-43118-6

Client Matrix: Water

Date Sampled: 08/02/2013 1430

Date Received: 08/02/2013 1605

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	480-132512	Instrument ID:	HP6890-5
Prep Method:	3510C	Prep Batch:	480-132305	Initial Weight/Volume:	250.7 mL
Dilution:	5.0			Final Weight/Volume:	2 mL
Analysis Date:	08/06/2013 1508			Injection Volume:	1 uL
Prep Date:	08/05/2013 0739			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	ND		0.046	0.25
4,4'-DDE	ND		0.058	0.25
4,4'-DDT	ND		0.055	0.25
Aldrin	ND		0.033	0.25
alpha-BHC	0.033	J	0.033	0.25
alpha-Chlordane	ND		0.074	0.25
beta-BHC	ND		0.12	0.25
delta-BHC	ND		0.050	0.25
Dieldrin	ND		0.049	0.25
Endosulfan I	ND		0.055	0.25
Endosulfan II	ND		0.060	0.25
Endosulfan sulfate	ND		0.078	0.25
Endrin	ND		0.069	0.25
Endrin aldehyde	ND		0.081	0.25
Endrin ketone	ND		0.060	0.25
gamma-BHC (Lindane)	0.031	J	0.030	0.25
gamma-Chlordane	ND		0.055	0.25
Heptachlor	ND		0.042	0.25
Heptachlor epoxide	ND		0.026	0.25
Methoxychlor	ND		0.070	0.25
Toxaphene	ND		0.60	2.5
Surrogate	%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl	12	X	20 - 120	
Tetrachloro-m-xylene	78		36 - 120	

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-21

Lab Sample ID: 480-43118-7

Client Matrix: Water

Date Sampled: 08/02/2013 1440

Date Received: 08/02/2013 1605

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	480-132512	Instrument ID:	HP6890-5
Prep Method:	3510C	Prep Batch:	480-132305	Initial Weight/Volume:	255.7 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	08/06/2013 1526			Injection Volume:	1 uL
Prep Date:	08/05/2013 0739			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	ND		0.0090	0.049
4,4'-DDE	ND		0.011	0.049
4,4'-DDT	ND		0.011	0.049
Aldrin	ND		0.0065	0.049
alpha-BHC	0.026	J	0.0065	0.049
alpha-Chlordane	ND		0.014	0.049
beta-BHC	ND		0.024	0.049
delta-BHC	ND		0.0098	0.049
Dieldrin	ND		0.0096	0.049
Endosulfan I	ND		0.011	0.049
Endosulfan II	ND		0.012	0.049
Endosulfan sulfate	ND		0.015	0.049
Endrin	ND		0.013	0.049
Endrin aldehyde	ND		0.016	0.049
Endrin ketone	ND		0.012	0.049
gamma-BHC (Lindane)	ND		0.0059	0.049
gamma-Chlordane	ND		0.011	0.049
Heptachlor	ND		0.0083	0.049
Heptachlor epoxide	ND		0.0052	0.049
Methoxychlor	ND		0.014	0.049
Toxaphene	ND		0.12	0.49
Surrogate	%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl	55		20 - 120	
Tetrachloro-m-xylene	84		36 - 120	

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-1

Lab Sample ID: 480-43118-8

Client Matrix: Water

Date Sampled: 08/02/2013 1450

Date Received: 08/02/2013 1605

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	480-132512	Instrument ID:	HP6890-5
Prep Method:	3510C	Prep Batch:	480-132305	Initial Weight/Volume:	269.3 mL
Dilution:	5.0			Final Weight/Volume:	2 mL
Analysis Date:	08/06/2013 1543			Injection Volume:	1 uL
Prep Date:	08/05/2013 0739			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	ND		0.043	0.23
4,4'-DDE	ND		0.054	0.23
4,4'-DDT	ND		0.051	0.23
Aldrin	ND		0.031	0.23
alpha-BHC	ND		0.031	0.23
alpha-Chlordane	ND		0.069	0.23
beta-BHC	ND		0.12	0.23
delta-BHC	ND		0.046	0.23
Dieldrin	ND		0.045	0.23
Endosulfan I	ND		0.051	0.23
Endosulfan II	ND		0.056	0.23
Endosulfan sulfate	ND		0.073	0.23
Endrin	ND		0.064	0.23
Endrin aldehyde	ND		0.076	0.23
Endrin ketone	ND		0.056	0.23
gamma-BHC (Lindane)	0.095	J	0.028	0.23
gamma-Chlordane	ND		0.051	0.23
Heptachlor	ND		0.039	0.23
Heptachlor epoxide	ND		0.025	0.23
Methoxychlor	ND		0.065	0.23
Toxaphene	ND		0.56	2.3
Surrogate	%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl	44		20 - 120	
Tetrachloro-m-xylene	246	X	36 - 120	

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-2

Lab Sample ID: 480-43118-9

Date Sampled: 08/02/2013 1505

Client Matrix: Water

Date Received: 08/02/2013 1605

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	480-132512	Instrument ID:	HP6890-5
Prep Method:	3510C	Prep Batch:	480-132305	Initial Weight/Volume:	261.3 mL
Dilution:	50			Final Weight/Volume:	2 mL
Analysis Date:	08/06/2013 1601			Injection Volume:	1 uL
Prep Date:	08/05/2013 0739			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	ND		0.44	2.4
4,4'-DDE	ND		0.55	2.4
4,4'-DDT	ND		0.53	2.4
Aldrin	ND		0.32	2.4
alpha-BHC	ND		0.32	2.4
alpha-Chlordane	ND		0.71	2.4
beta-BHC	ND		1.2	2.4
delta-BHC	ND		0.48	2.4
Dieldrin	ND		0.47	2.4
Endosulfan I	ND		0.53	2.4
Endosulfan II	ND		0.57	2.4
Endosulfan sulfate	ND		0.75	2.4
Endrin	ND		0.66	2.4
Endrin aldehyde	ND		0.78	2.4
Endrin ketone	ND		0.57	2.4
gamma-BHC (Lindane)	ND		0.29	2.4
gamma-Chlordane	ND		0.53	2.4
Heptachlor	ND		0.41	2.4
Heptachlor epoxide	ND		0.25	2.4
Methoxychlor	ND		0.67	2.4
Toxaphene	ND		5.7	24
Surrogate	%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl	-35	X	20 - 120	
Tetrachloro-m-xylene	112		36 - 120	

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-14B

Lab Sample ID: 480-43118-10

Client Matrix: Water

Date Sampled: 08/02/2013 1515

Date Received: 08/02/2013 1605

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	480-132512	Instrument ID:	HP6890-5
Prep Method:	3510C	Prep Batch:	480-132305	Initial Weight/Volume:	249.5 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	08/06/2013 1618			Injection Volume:	1 uL
Prep Date:	08/05/2013 0739			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	ND		0.0092	0.050
4,4'-DDE	ND		0.012	0.050
4,4'-DDT	ND		0.011	0.050
Aldrin	ND		0.0066	0.050
alpha-BHC	0.0075	J	0.0066	0.050
alpha-Chlordane	ND		0.015	0.050
beta-BHC	ND		0.025	0.050
delta-BHC	ND		0.010	0.050
Dieldrin	ND		0.0098	0.050
Endosulfan I	ND		0.011	0.050
Endosulfan II	ND		0.012	0.050
Endosulfan sulfate	ND		0.016	0.050
Endrin	ND		0.014	0.050
Endrin aldehyde	ND		0.016	0.050
Endrin ketone	ND		0.012	0.050
gamma-BHC (Lindane)	ND		0.0060	0.050
gamma-Chlordane	ND		0.011	0.050
Heptachlor	ND		0.0085	0.050
Heptachlor epoxide	ND		0.0053	0.050
Methoxychlor	ND		0.014	0.050
Toxaphene	ND		0.12	0.50
Surrogate	%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl	43		20 - 120	
Tetrachloro-m-xylene	82		36 - 120	

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-16

Lab Sample ID: 480-43118-1

Date Sampled: 08/02/2013 1315

Client Matrix: Water

Date Received: 08/02/2013 1605

8151A Herbicidas (GC)

Analysis Method:	8151A	Analysis Batch:	480-132866	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-132602	Initial Weight/Volume:	936.4 mL
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	08/09/2013 0726			Injection Volume:	1 uL
Prep Date:	08/06/2013 1500			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,5-T	ND		0.16	0.53
Silvex (2,4,5-TP)	ND		0.38	0.53
2,4-D	ND		0.43	0.53

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	133		40 - 135

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-23

Lab Sample ID: 480-43118-2

Date Sampled: 08/02/2013 1345

Client Matrix: Water

Date Received: 08/02/2013 1605

8151A Herbicidas (GC)

Analysis Method:	8151A	Analysis Batch:	480-132866	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-132602	Initial Weight/Volume:	1013.4 mL
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	08/09/2013 0656			Injection Volume:	1 uL
Prep Date:	08/06/2013 1500			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,5-T	ND		0.15	0.49
Silvex (2,4,5-TP)	ND		0.36	0.49
2,4-D	ND		0.39	0.49

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	100		40 - 135

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-13

Lab Sample ID: 480-43118-3

Date Sampled: 08/02/2013 1400

Client Matrix: Water

Date Received: 08/02/2013 1605

8151A Herbicidas (GC)

Analysis Method:	8151A	Analysis Batch:	480-132866	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-132602	Initial Weight/Volume:	957.3 mL
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	08/09/2013 0756			Injection Volume:	1 uL
Prep Date:	08/06/2013 1500			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,5-T	ND		0.16	0.52
Silvex (2,4,5-TP)	ND		0.38	0.52
2,4-D	ND		0.42	0.52

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	128		40 - 135

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-24

Lab Sample ID: 480-43118-4

Date Sampled: 08/02/2013 1415

Client Matrix: Water

Date Received: 08/02/2013 1605

8151A Herbicidas (GC)

Analysis Method:	8151A	Analysis Batch:	480-132866	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-132602	Initial Weight/Volume:	1049.9 mL
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	08/09/2013 0825			Injection Volume:	1 uL
Prep Date:	08/06/2013 1500			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,5-T	ND		0.14	0.48
Silvex (2,4,5-TP)	ND		0.34	0.48
2,4-D	ND		0.38	0.48

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	134		40 - 135

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-25

Lab Sample ID: 480-43118-5

Date Sampled: 08/02/2013 1420

Client Matrix: Water

Date Received: 08/02/2013 1605

8151A Herbicidas (GC)

Analysis Method:	8151A	Analysis Batch:	480-132866	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-132602	Initial Weight/Volume:	1039.3 mL
Dilution:	20			Final Weight/Volume:	10 mL
Analysis Date:	08/09/2013 1724			Injection Volume:	1 uL
Prep Date:	08/06/2013 1500			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,5-T	ND		2.9	9.6
Silvex (2,4,5-TP)	ND		6.9	9.6
2,4-D	ND		7.7	9.6

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	453	X	40 - 135

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-22

Lab Sample ID: 480-43118-6

Date Sampled: 08/02/2013 1430

Client Matrix: Water

Date Received: 08/02/2013 1605

8151A Herbicidas (GC)

Analysis Method:	8151A	Analysis Batch:	480-132866	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-132602	Initial Weight/Volume:	942.3 mL
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	08/09/2013 0855			Injection Volume:	1 uL
Prep Date:	08/06/2013 1500			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,5-T	ND		0.16	0.53
Silvex (2,4,5-TP)	ND		0.38	0.53
2,4-D	ND		0.42	0.53

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	143	X	40 - 135

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-21

Lab Sample ID: 480-43118-7

Date Sampled: 08/02/2013 1440

Client Matrix: Water

Date Received: 08/02/2013 1605

8151A Herbicidas (GC)

Analysis Method:	8151A	Analysis Batch:	480-132866	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-132602	Initial Weight/Volume:	1052.4 mL
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	08/09/2013 0925			Injection Volume:	1 uL
Prep Date:	08/06/2013 1500			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,5-T	ND		0.14	0.48
Silvex (2,4,5-TP)	ND		0.34	0.48
2,4-D	ND		0.38	0.48

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	102		40 - 135

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-1

Lab Sample ID: 480-43118-8

Date Sampled: 08/02/2013 1450

Client Matrix: Water

Date Received: 08/02/2013 1605

8151A Herbicidas (GC)

Analysis Method:	8151A	Analysis Batch:	480-132866	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-132602	Initial Weight/Volume:	1022 mL
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	08/09/2013 0954			Injection Volume:	1 uL
Prep Date:	08/06/2013 1500			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,5-T	ND		0.15	0.49
Silvex (2,4,5-TP)	ND		0.35	0.49
2,4-D	ND		0.39	0.49

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	122		40 - 135

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-2

Lab Sample ID: 480-43118-9

Date Sampled: 08/02/2013 1505

Client Matrix: Water

Date Received: 08/02/2013 1605

8151A Herbicidas (GC)

Analysis Method:	8151A	Analysis Batch:	480-132866	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-132602	Initial Weight/Volume:	907.9 mL
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	08/09/2013 1054			Injection Volume:	1 uL
Prep Date:	08/06/2013 1500			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,5-T	ND		0.16	0.55
Silvex (2,4,5-TP)	ND		0.40	0.55
2,4-D	ND		0.44	0.55

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	116		40 - 135

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-14B

Lab Sample ID: 480-43118-10

Date Sampled: 08/02/2013 1515

Client Matrix: Water

Date Received: 08/02/2013 1605

8151A Herbicidas (GC)

Analysis Method:	8151A	Analysis Batch:	480-132866	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-132602	Initial Weight/Volume:	952.2 mL
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	08/09/2013 1123			Injection Volume:	1 uL
Prep Date:	08/06/2013 1500			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,5-T	ND		0.16	0.53
Silvex (2,4,5-TP)	ND		0.38	0.53
2,4-D	ND		0.42	0.53

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	117		40 - 135

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-16

Lab Sample ID: 480-43118-1

Date Sampled: 08/02/2013 1315

Client Matrix: Water

Date Received: 08/02/2013 1605

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	480-132492	Instrument ID:	ICAP1
Prep Method:	3005A	Prep Batch:	480-132263	Lab File ID:	I1080513B-6.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	08/05/2013 2329			Final Weight/Volume:	50 mL
Prep Date:	08/05/2013 0730				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Arsenic	ND		0.0056	0.010
Barium	0.25		0.00070	0.0020
Cadmium	ND		0.00050	0.0010
Chromium	0.0035	J	0.0010	0.0040
Lead	0.017		0.0030	0.0050
Selenium	ND		0.0087	0.015
Silver	ND		0.0017	0.0030

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	480-132406	Instrument ID:	LEEMAN3
Prep Method:	7470A	Prep Batch:	480-132313	Lab File ID:	J08053W1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	08/05/2013 1313			Final Weight/Volume:	50 mL
Prep Date:	08/05/2013 0815				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	ND		0.00012	0.00020

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-23

Lab Sample ID: 480-43118-2

Date Sampled: 08/02/2013 1345

Client Matrix: Water

Date Received: 08/02/2013 1605

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	480-132492	Instrument ID:	ICAP1
Prep Method:	3005A	Prep Batch:	480-132263	Lab File ID:	I1080513B-6.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	08/05/2013 2331			Final Weight/Volume:	50 mL
Prep Date:	08/05/2013 0730				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Arsenic	0.012		0.0056	0.010
Barium	0.17		0.00070	0.0020
Cadmium	0.0032		0.00050	0.0010
Chromium	0.027		0.0010	0.0040
Lead	0.030		0.0030	0.0050
Selenium	ND		0.0087	0.015
Silver	ND		0.0017	0.0030

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	480-132406	Instrument ID:	LEEMAN3
Prep Method:	7470A	Prep Batch:	480-132313	Lab File ID:	J08053W1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	08/05/2013 1320			Final Weight/Volume:	50 mL
Prep Date:	08/05/2013 0815				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	ND		0.00012	0.00020

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-13

Lab Sample ID: 480-43118-3

Date Sampled: 08/02/2013 1400

Client Matrix: Water

Date Received: 08/02/2013 1605

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	480-132492	Instrument ID:	ICAP1
Prep Method:	3005A	Prep Batch:	480-132263	Lab File ID:	I1080513B-6.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	08/05/2013 2334			Final Weight/Volume:	50 mL
Prep Date:	08/05/2013 0730				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Arsenic	0.012		0.0056	0.010
Barium	0.044		0.00070	0.0020
Cadmium	0.00057	J	0.00050	0.0010
Chromium	0.0094		0.0010	0.0040
Lead	0.022		0.0030	0.0050
Selenium	ND		0.0087	0.015
Silver	ND		0.0017	0.0030

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	480-132406	Instrument ID:	LEEMAN3
Prep Method:	7470A	Prep Batch:	480-132313	Lab File ID:	J08053W1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	08/05/2013 1322			Final Weight/Volume:	50 mL
Prep Date:	08/05/2013 0815				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	ND		0.00012	0.00020

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-24

Lab Sample ID: 480-43118-4

Date Sampled: 08/02/2013 1415

Client Matrix: Water

Date Received: 08/02/2013 1605

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	480-132492	Instrument ID:	ICAP1
Prep Method:	3005A	Prep Batch:	480-132263	Lab File ID:	I1080513B-6.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	08/05/2013 2342			Final Weight/Volume:	50 mL
Prep Date:	08/05/2013 0730				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Arsenic	0.0073	J	0.0056	0.010
Barium	0.18		0.00070	0.0020
Cadmium	0.0014		0.00050	0.0010
Chromium	0.0034	J	0.0010	0.0040
Lead	ND		0.0030	0.0050
Selenium	ND		0.0087	0.015
Silver	ND		0.0017	0.0030

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	480-132406	Instrument ID:	LEEMAN3
Prep Method:	7470A	Prep Batch:	480-132313	Lab File ID:	J08053W1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	08/05/2013 1324			Final Weight/Volume:	50 mL
Prep Date:	08/05/2013 0815				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	ND		0.00012	0.00020

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-25

Lab Sample ID: 480-43118-5

Date Sampled: 08/02/2013 1420

Client Matrix: Water

Date Received: 08/02/2013 1605

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	480-132492	Instrument ID:	ICAP1
Prep Method:	3005A	Prep Batch:	480-132263	Lab File ID:	I1080513B-6.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	08/05/2013 2355			Final Weight/Volume:	50 mL
Prep Date:	08/05/2013 0730				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Arsenic	0.028		0.0056	0.010
Barium	0.73		0.00070	0.0020
Cadmium	ND		0.00050	0.0010
Chromium	0.0044		0.0010	0.0040
Lead	0.0068		0.0030	0.0050
Selenium	0.0096	J	0.0087	0.015
Silver	ND		0.0017	0.0030

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	480-132406	Instrument ID:	LEEMAN3
Prep Method:	7470A	Prep Batch:	480-132313	Lab File ID:	J08053W1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	08/05/2013 1427			Final Weight/Volume:	50 mL
Prep Date:	08/05/2013 0815				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	ND		0.00012	0.00020

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-22

Lab Sample ID: 480-43118-6

Date Sampled: 08/02/2013 1430

Client Matrix: Water

Date Received: 08/02/2013 1605

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	480-132492	Instrument ID:	ICAP1
Prep Method:	3005A	Prep Batch:	480-132263	Lab File ID:	I1080513B-6.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	08/05/2013 2358			Final Weight/Volume:	50 mL
Prep Date:	08/05/2013 0730				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Arsenic	0.0061	J	0.0056	0.010
Barium	0.21		0.00070	0.0020
Cadmium	0.0014		0.00050	0.0010
Chromium	0.0072		0.0010	0.0040
Lead	0.039		0.0030	0.0050
Selenium	ND		0.0087	0.015
Silver	ND		0.0017	0.0030

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	480-132406	Instrument ID:	LEEMAN3
Prep Method:	7470A	Prep Batch:	480-132313	Lab File ID:	J08053W1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	08/05/2013 1331			Final Weight/Volume:	50 mL
Prep Date:	08/05/2013 0815				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	ND		0.00012	0.00020

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-21

Lab Sample ID: 480-43118-7

Client Matrix: Water

Date Sampled: 08/02/2013 1440

Date Received: 08/02/2013 1605

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	480-132492	Instrument ID:	ICAP1
Prep Method:	3005A	Prep Batch:	480-132263	Lab File ID:	I1080513B-6.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	08/06/2013 0001			Final Weight/Volume:	50 mL
Prep Date:	08/05/2013 0730				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Arsenic	0.011		0.0056	0.010
Barium	0.15		0.00070	0.0020
Cadmium	0.00073	J	0.00050	0.0010
Chromium	0.023		0.0010	0.0040
Lead	0.0051		0.0030	0.0050
Selenium	ND		0.0087	0.015
Silver	ND		0.0017	0.0030

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	480-132406	Instrument ID:	LEEMAN3
Prep Method:	7470A	Prep Batch:	480-132313	Lab File ID:	J08053W1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	08/05/2013 1333			Final Weight/Volume:	50 mL
Prep Date:	08/05/2013 0815				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	ND		0.00012	0.00020

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-1

Lab Sample ID: 480-43118-8

Client Matrix: Water

Date Sampled: 08/02/2013 1450

Date Received: 08/02/2013 1605

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	480-132492	Instrument ID:	ICAP1
Prep Method:	3005A	Prep Batch:	480-132263	Lab File ID:	I1080513B-6.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	08/06/2013 0004			Final Weight/Volume:	50 mL
Prep Date:	08/05/2013 0730				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Arsenic	0.0059	J	0.0056	0.010
Barium	0.065		0.00070	0.0020
Cadmium	0.0011		0.00050	0.0010
Chromium	0.0059		0.0010	0.0040
Lead	ND		0.0030	0.0050
Selenium	ND		0.0087	0.015
Silver	ND		0.0017	0.0030

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	480-132406	Instrument ID:	LEEMAN3
Prep Method:	7470A	Prep Batch:	480-132313	Lab File ID:	J08053W1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	08/05/2013 1334			Final Weight/Volume:	50 mL
Prep Date:	08/05/2013 0815				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	ND		0.00012	0.00020

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-2

Lab Sample ID: 480-43118-9

Date Sampled: 08/02/2013 1505

Client Matrix: Water

Date Received: 08/02/2013 1605

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	480-132492	Instrument ID:	ICAP1
Prep Method:	3005A	Prep Batch:	480-132263	Lab File ID:	I1080513B-6.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	08/06/2013 0006			Final Weight/Volume:	50 mL
Prep Date:	08/05/2013 0730				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Arsenic	ND		0.0056	0.010
Barium	0.069		0.00070	0.0020
Cadmium	0.00067	J	0.00050	0.0010
Chromium	0.0021	J	0.0010	0.0040
Lead	ND		0.0030	0.0050
Selenium	ND		0.0087	0.015
Silver	ND		0.0017	0.0030

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	480-132406	Instrument ID:	LEEMAN3
Prep Method:	7470A	Prep Batch:	480-132313	Lab File ID:	J08053W1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	08/05/2013 1336			Final Weight/Volume:	50 mL
Prep Date:	08/05/2013 0815				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	ND		0.00012	0.00020

Analytical Data

Client: New York State D.E.C.

Job Number: 480-43118-1

Client Sample ID: OW-14B

Lab Sample ID: 480-43118-10

Date Sampled: 08/02/2013 1515

Client Matrix: Water

Date Received: 08/02/2013 1605

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	480-132492	Instrument ID:	ICAP1
Prep Method:	3005A	Prep Batch:	480-132263	Lab File ID:	I1080513B-6.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	08/06/2013 0014			Final Weight/Volume:	50 mL
Prep Date:	08/05/2013 0730				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Arsenic	0.0059	J	0.0056	0.010
Barium	0.070		0.00070	0.0020
Cadmium	ND		0.00050	0.0010
Chromium	0.0083		0.0010	0.0040
Lead	0.0040	J	0.0030	0.0050
Selenium	ND		0.0087	0.015
Silver	ND		0.0017	0.0030

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	480-132406	Instrument ID:	LEEMAN3
Prep Method:	7470A	Prep Batch:	480-132313	Lab File ID:	J08053W1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	08/05/2013 1338			Final Weight/Volume:	50 mL
Prep Date:	08/05/2013 0815				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	ND		0.00012	0.00020

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-43118-1
SDG No.: _____
Matrix: Water Level: Low
GC Column (1): ZB-624 (60) ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
OW-16	480-43118-1	126	99	105
OW-23	480-43118-2	122	98	101
OW-13	480-43118-3	122	97	100
OW-24	480-43118-4	122	99	103
OW-25	480-43118-5	114	98	107
OW-22	480-43118-6	122	99	101
OW-21	480-43118-7	123	99	102
OW-1	480-43118-8	127	100	103
OW-2	480-43118-9	127	100	102
OW-14B	480-43118-10	126	100	104
TRIP BLANK	480-43118-11	127	99	101
	MB 480-132975/5	119	99	103
	LCS 480-132975/4	117	101	108

	<u>QC LIMITS</u>
DCA = 1,2-Dichloroethane-d4 (Surr)	66-137
TOL = Toluene-d8 (Surr)	71-126
BFB = 4-Bromofluorobenzene (Surr)	73-120

Column to be used to flag recovery values

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-43118-1

SDG No.: _____

Lab Sample ID: CCVIS 480-132975/2 Calibration Date: 08/08/2013 11:47

Instrument ID: HP5973P Calib Start Date: 07/25/2013 12:21

GC Column: ZB-624 (60) ID: 0.25 (mm) Calib End Date: 07/25/2013 14:25

Lab File ID: P0693.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.4761			21.2	25.0	-15.0	50.0
Chloromethane	Ave	0.2989			23.7	25.0	-5.0	50.0
Vinyl chloride	Ave	0.2804			25.8	25.0	3.2	20.0
Bromomethane	Ave	0.2001			32.3	25.0	29.3	50.0
Chloroethane	Ave	0.1282			33.4	25.0	33.4	50.0
Trichlorofluoromethane	Ave	0.6538			31.2	25.0	24.9	50.0
Acrolein	Ave	0.0460			387	500	-22.7	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3742			28.5	25.0	14.0	50.0
1,1-Dichloroethene	Ave	0.3585			25.8	25.0	3.1	20.0
Acetone	Ave	0.1530			140	125	12.2	50.0
Iodomethane	Ave	0.5851			26.4	25.0	5.5	50.0
Carbon disulfide	Ave	1.013			23.4	25.0	-6.4	50.0
Methyl acetate	Ave	0.3863			24.8	25.0	-0.8	50.0
Acetonitrile	Ave	0.0275			996	1000	-0.4	50.0
Methylene Chloride	Ave	0.4008			24.7	25.0	-1.1	50.0
Methyl tert-butyl ether	Ave	1.253			26.5	25.0	6.0	50.0
trans-1,2-Dichloroethene	Ave	0.3799			25.5	25.0	1.9	50.0
Acrylonitrile	Ave	0.1463			126	125	0.4	50.0
Vinyl acetate	Ave	0.6383			134	125	7.5	50.0
1,1-Dichloroethane	Ave	0.6065			26.2	25.0	4.7	50.0
2-Butanone (MEK)	Ave	0.2038			127	125	1.3	50.0
2,2-Dichloropropane	Ave	0.5314			31.3	25.0	25.4	50.0
cis-1,2-Dichloroethene	Ave	0.4162			26.1	25.0	4.3	50.0
Bromochloromethane	Ave	0.2275			27.7	25.0	10.7	50.0
Tetrahydrofuran	Ave	0.1254			121	125	-3.1	50.0
Chloroform	Ave	0.7558			27.2	25.0	9.0	20.0
1,1,1-Trichloroethane	Ave	0.6492			30.0	25.0	20.1	50.0
Cyclohexane	Ave	0.4656			23.2	25.0	-7.4	50.0
1,1-Dichloropropene	Ave	0.5030			25.5	25.0	2.0	50.0
Carbon tetrachloride	Ave	0.5589			32.0	25.0	27.9	50.0
Benzene	Ave	1.372			24.0	25.0	-3.9	50.0
1,2-Dichloroethane	Ave	0.5925			28.4	25.0	13.6	50.0
Trichloroethene	Ave	0.4180			25.2	25.0	0.6	50.0
Methylcyclohexane	Ave	0.5667			24.6	25.0	-1.4	50.0
1,2-Dichloropropane	Ave	0.3125			24.1	25.0	-3.7	20.0
Dibromomethane	Ave	0.2855			27.2	25.0	8.7	50.0
Bromodichloromethane	Ave	0.5404			28.2	25.0	12.6	50.0
2-Chloroethyl vinyl ether	Ave	0.1752			155	125	23.7	50.0
cis-1,3-Dichloropropene	Ave	0.5650			26.1	25.0	4.2	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.8462			115	125	-8.3	50.0

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-43118-1
 SDG No.: _____
 Matrix: Water Level: Low
 GC Column (1): RXI-5Sil MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
OW-16	480-43118-1	57	39	87	80	84	58
OW-23	480-43118-2	55	40	81	75	80	67
OW-13	480-43118-3	62	46	88	84	85	85
OW-24	480-43118-4	61	43	86	81	89	69
OW-25	480-43118-5	49	1 X	75	84	67	77
OW-25 DL	480-43118-5 DL	49	39	62	71	56	84
OW-22	480-43118-6	54	36	92	88	85	86
OW-21	480-43118-7	57	39	91	86	87	59
OW-1	480-43118-8	57	40	84	82	85	95
OW-2	480-43118-9	54	41	80	77	75	96
OW-14B	480-43118-10	61	41	90	85	72	103
	MB 480-132301/1-A	60	44	88	75	67	100
	MB 480-132679/1-A	55	40	81	73	57	91
	LCS 480-132301/2-A	65	47	90	83	80	96
	LCS 480-132679/2-A	54	38	77	69	81	101

	<u>QC LIMITS</u>
2FP = 2-Fluorophenol	18-120
PHL = Phenol-d5	11-120
NBZ = Nitrobenzene-d5	34-132
FBP = 2-Fluorobiphenyl	37-120
TBP = 2,4,6-Tribromophenol	39-146
TPH = p-Terphenyl-d14	58-147

Column to be used to flag recovery values

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-43118-1

SDG No.: _____

Lab Sample ID: CCVIS 480-133115/3 Calibration Date: 08/09/2013 05:32

Instrument ID: HP5973W Calib Start Date: 08/07/2013 00:25

GC Column: RXI-5Sil MS ID: 0.25 (mm) Calib End Date: 08/07/2013 03:08

Lab File ID: W002974.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6582	0.5424	0.0100	4120	5000	-17.6	100.0
N-Nitrosodimethylamine	Ave	0.7377	0.7553	0.0100	5120	5000	2.4	25.0
Pyridine	Ave	0.9263	0.9693	0.0100	5230	5000	4.6	100.0
Phenol	Ave	1.589	1.470	0.0100	4620	5000	-7.5	20.0
Aniline	Ave	1.935	1.755	0.0100	4530	5000	-9.3	100.0
Bis(2-chloroethyl)ether	Ave	1.188	1.092	0.0100	4600	5000	-8.0	20.0
2-Chlorophenol	Ave	1.416	1.239	0.0100	4370	5000	-12.5	20.0
1,3-Dichlorobenzene	Ave	1.581	1.412	0.0100	4460	5000	-10.7	20.0
1,4-Dichlorobenzene	Ave	1.659	1.465	0.0100	4410	5000	-11.7	20.0
Benzyl alcohol	Ave	0.7672	0.6828	0.0100	4450	5000	-11.0	100.0
1,2-Dichlorobenzene	Ave	1.547	1.381	0.0100	4460	5000	-10.8	20.0
2-Methylphenol	Ave	1.198	1.117	0.0100	4660	5000	-6.7	20.0
bis (2-chloroisopropyl) ether	Lin1		1.460	0.0100	6110	5000	22.2*	20.0
N-Nitrosodi-n-propylamine	Ave	0.9015	0.8457	0.0500	4690	5000	-6.2	20.0
4-Methylphenol	Ave	1.255	1.179	0.0100	4700	5000	-6.0	20.0
Acetophenone	Ave	1.960	1.779	0.0100	4540	5000	-9.2	40.0
Hexachloroethane	Ave	0.7127	0.6400	0.0100	4490	5000	-10.2	20.0
Nitrobenzene	Ave	0.4005	0.3688	0.0100	4600	5000	-7.9	20.0
Isophorone	Ave	0.6330	0.5852	0.0100	4620	5000	-7.5	20.0
2-Nitrophenol	Ave	0.1968	0.1764	0.0100	4480	5000	-10.4	20.0
2,4-Dimethylphenol	Ave	0.3937	0.3535	0.0100	4490	5000	-10.2	20.0
Bis(2-chloroethoxy)methane	Ave	0.3688	0.3394	0.0100	4600	5000	-8.0	20.0
2,4-Dichlorophenol	Ave	0.3125	0.2668	0.0100	4270	5000	-14.6	20.0
1,2,4-Trichlorobenzene	Ave	0.3527	0.2993	0.0100	4240	5000	-15.1	20.0
Naphthalene	Ave	1.042	0.9150	0.0100	4390	5000	-12.2	20.0
4-Chloroaniline	Ave	0.4109	0.3788	0.0100	4610	5000	-7.8	20.0
Hexachlorobutadiene	Ave	0.2408	0.1990	0.0100	4130	5000	-17.4	20.0
4-Chloro-3-methylphenol	Ave	0.3249	0.2824	0.0100	4350	5000	-13.1	20.0
2-Methylnaphthalene	Ave	0.6883	0.6235	0.0100	4530	5000	-9.4	20.0
Hexachlorocyclopentadiene	Qua		0.3528	0.0500	4230	5000	-15.3	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6451	0.5287	0.0100	4100	5000	-18.0	40.0
2,4,6-Trichlorophenol	Ave	0.3974	0.3446	0.0100	4330	5000	-13.3	20.0
2,4,5-Trichlorophenol	Ave	0.4187	0.3581	0.0100	4280	5000	-14.5	20.0
Biphenyl	Ave	1.547	1.374	0.0100	4440	5000	-11.1	40.0
2-Chloronaphthalene	Ave	1.224	1.075	0.0100	4390	5000	-12.2	25.0
2-Nitroaniline	Ave	0.3782	0.3518	0.0100	4650	5000	-7.0	20.0
Dimethyl phthalate	Ave	1.302	1.147	0.0100	4410	5000	-11.9	20.0
1,3-Dinitrobenzene	Ave	0.1059	0.0964	0.0100	4550	5000	-9.0	100.0
2,6-Dinitrotoluene	Ave	0.2906	0.2587	0.0100	4450	5000	-11.0	25.0
Acenaphthylene	Ave	1.906	1.678	0.0100	4400	5000	-12.0	20.0

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-43118-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 480-132301/1-A

Matrix: Water Lab File ID: W002978.D

Analysis Method: 8270C Date Collected: _____

Extract. Method: 3510C Date Extracted: 08/05/2013 07:23

Sample wt/vol: 250 (mL) Date Analyzed: 08/09/2013 07:21

Con. Extract Vol.: 1 (mL) Dilution Factor: 1

Injection Volume: 5 (uL) Level: (low/med) Low

% Moisture: _____ GPC Cleanup: (Y/N) N

Analysis Batch No.: 133115 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	Biphenyl	ND		5.0	0.65
108-60-1	bis (2-chloroisopropyl) ether	ND		5.0	0.52
95-95-4	2,4,5-Trichlorophenol	ND		5.0	0.48
88-06-2	2,4,6-Trichlorophenol	ND		5.0	0.61
120-83-2	2,4-Dichlorophenol	ND		5.0	0.51
105-67-9	2,4-Dimethylphenol	ND		5.0	0.50
51-28-5	2,4-Dinitrophenol	ND		10	2.2
121-14-2	2,4-Dinitrotoluene	ND		5.0	0.45
606-20-2	2,6-Dinitrotoluene	ND		5.0	0.40
91-58-7	2-Chloronaphthalene	ND		5.0	0.46
95-57-8	2-Chlorophenol	ND		5.0	0.53
91-57-6	2-Methylnaphthalene	ND		5.0	0.60
95-48-7	2-Methylphenol	ND		5.0	0.40
88-74-4	2-Nitroaniline	ND		10	0.42
88-75-5	2-Nitrophenol	ND		5.0	0.48
91-94-1	3,3'-Dichlorobenzidine	ND		5.0	0.40
99-09-2	3-Nitroaniline	ND		10	0.48
534-52-1	4,6-Dinitro-2-methylphenol	ND		10	2.2
101-55-3	4-Bromophenyl phenyl ether	ND		5.0	0.45
59-50-7	4-Chloro-3-methylphenol	ND		5.0	0.45
106-47-8	4-Chloroaniline	ND		5.0	0.59
7005-72-3	4-Chlorophenyl phenyl ether	ND		5.0	0.35
106-44-5	4-Methylphenol	ND		10	0.36
100-01-6	4-Nitroaniline	ND		10	0.25
100-02-7	4-Nitrophenol	ND		10	1.5
83-32-9	Acenaphthene	ND		5.0	0.41
208-96-8	Acenaphthylene	ND		5.0	0.38
98-86-2	Acetophenone	ND		5.0	0.54
120-12-7	Anthracene	ND		5.0	0.28
1912-24-9	Atrazine	ND		5.0	0.46
100-52-7	Benzaldehyde	0.276	J	5.0	0.27
56-55-3	Benzo (a) anthracene	ND		5.0	0.36
50-32-8	Benzo (a) pyrene	ND		5.0	0.47
205-99-2	Benzo (b) fluoranthene	ND		5.0	0.34

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-43118-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 480-132301/1-A

Matrix: Water Lab File ID: W002978.D

Analysis Method: 8270C Date Collected: _____

Extract. Method: 3510C Date Extracted: 08/05/2013 07:23

Sample wt/vol: 250 (mL) Date Analyzed: 08/09/2013 07:21

Con. Extract Vol.: 1 (mL) Dilution Factor: 1

Injection Volume: 5 (uL) Level: (low/med) Low

% Moisture: _____ GPC Cleanup: (Y/N) N

Analysis Batch No.: 133115 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
191-24-2	Benzo(g,h,i)perylene	ND		5.0	0.35
207-08-9	Benzo(k)fluoranthene	ND		5.0	0.73
111-91-1	Bis(2-chloroethoxy)methane	ND		5.0	0.35
111-44-4	Bis(2-chloroethyl)ether	ND		5.0	0.40
117-81-7	Bis(2-ethylhexyl) phthalate	ND		5.0	1.8
85-68-7	Butyl benzyl phthalate	ND		5.0	0.42
105-60-2	Caprolactam	ND		5.0	2.2
86-74-8	Carbazole	ND		5.0	0.30
218-01-9	Chrysene	ND		5.0	0.33
84-74-2	Di-n-butyl phthalate	0.364	J	5.0	0.31
117-84-0	Di-n-octyl phthalate	ND		5.0	0.47
53-70-3	Dibenz(a,h)anthracene	ND		5.0	0.42
132-64-9	Dibenzofuran	ND		10	0.51
84-66-2	Diethyl phthalate	ND		5.0	0.22
131-11-3	Dimethyl phthalate	ND		5.0	0.36
206-44-0	Fluoranthene	0.451	J	5.0	0.40
86-73-7	Fluorene	ND		5.0	0.36
118-74-1	Hexachlorobenzene	ND		5.0	0.51
87-68-3	Hexachlorobutadiene	ND		5.0	0.68
77-47-4	Hexachlorocyclopentadiene	ND		5.0	0.59
67-72-1	Hexachloroethane	ND		5.0	0.59
193-39-5	Indeno(1,2,3-cd)pyrene	ND		5.0	0.47
78-59-1	Isophorone	ND		5.0	0.43
621-64-7	N-Nitrosodi-n-propylamine	ND		5.0	0.54
86-30-6	N-Nitrosodiphenylamine	ND		5.0	0.51
91-20-3	Naphthalene	ND		5.0	0.76
98-95-3	Nitrobenzene	ND		5.0	0.29
87-86-5	Pentachlorophenol	ND		10	2.2
85-01-8	Phenanthrene	1.03	J	5.0	0.44
108-95-2	Phenol	ND		5.0	0.39
129-00-0	Pyrene	ND		5.0	0.34

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-43118-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 480-132679/1-A

Matrix: Water Lab File ID: W002950.D

Analysis Method: 8270C Date Collected: _____

Extract. Method: 3510C Date Extracted: 08/07/2013 06:17

Sample wt/vol: 250 (mL) Date Analyzed: 08/08/2013 03:30

Con. Extract Vol.: 1 (mL) Dilution Factor: 1

Injection Volume: 5 (uL) Level: (low/med) Low

% Moisture: _____ GPC Cleanup: (Y/N) N

Analysis Batch No.: 132871 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
191-24-2	Benzo(g,h,i)perylene	ND		5.0	0.35
207-08-9	Benzo(k)fluoranthene	ND		5.0	0.73
111-91-1	Bis(2-chloroethoxy)methane	ND		5.0	0.35
111-44-4	Bis(2-chloroethyl)ether	ND		5.0	0.40
117-81-7	Bis(2-ethylhexyl) phthalate	ND		5.0	1.8
85-68-7	Butyl benzyl phthalate	ND		5.0	0.42
105-60-2	Caprolactam	ND		5.0	2.2
86-74-8	Carbazole	ND		5.0	0.30
218-01-9	Chrysene	ND		5.0	0.33
84-74-2	Di-n-butyl phthalate	0.445	J	5.0	0.31
117-84-0	Di-n-octyl phthalate	ND		5.0	0.47
53-70-3	Dibenz(a,h)anthracene	ND		5.0	0.42
132-64-9	Dibenzofuran	ND		10	0.51
84-66-2	Diethyl phthalate	ND		5.0	0.22
131-11-3	Dimethyl phthalate	ND		5.0	0.36
206-44-0	Fluoranthene	ND		5.0	0.40
86-73-7	Fluorene	ND		5.0	0.36
118-74-1	Hexachlorobenzene	ND		5.0	0.51
87-68-3	Hexachlorobutadiene	ND		5.0	0.68
77-47-4	Hexachlorocyclopentadiene	ND		5.0	0.59
67-72-1	Hexachloroethane	ND		5.0	0.59
193-39-5	Indeno(1,2,3-cd)pyrene	ND		5.0	0.47
78-59-1	Isophorone	ND		5.0	0.43
621-64-7	N-Nitrosodi-n-propylamine	ND		5.0	0.54
86-30-6	N-Nitrosodiphenylamine	ND		5.0	0.51
91-20-3	Naphthalene	ND		5.0	0.76
98-95-3	Nitrobenzene	ND		5.0	0.29
87-86-5	Pentachlorophenol	ND		10	2.2
85-01-8	Phenanthrene	ND		5.0	0.44
108-95-2	Phenol	ND		5.0	0.39
129-00-0	Pyrene	ND		5.0	0.34

FORM II
PESTICIDES SURROGATE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-43118-1
 SDG No.: _____
 Matrix: Water Level: Low
 GC Column (2): RTX-CLPII ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	TCX2	#	DCB2	#
OW-16	480-43118-1	143	X	38	
OW-23	480-43118-2	75		31	
OW-13	480-43118-3	97		37	
OW-24	480-43118-4	67		8	X
OW-25	480-43118-5	5259	X	-125	X
OW-22	480-43118-6	78		12	X
OW-21	480-43118-7	84		55	
OW-1	480-43118-8	246	X	44	
OW-2	480-43118-9	112		-35	X
OW-14B	480-43118-10	82		43	
	MB 480-132305/1-A	75		86	
	LCS 480-132305/2-A	72		72	
OW-16 MS	480-43118-1 MS	91		59	
OW-16 MSD	480-43118-1 MSD	112		74	

TCX = Tetrachloro-m-xylene
 DCB = DCB Decachlorobiphenyl

QC LIMITS
 36-120
 20-120

Column to be used to flag recovery values

FORM III
PESTICIDES MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-43118-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: 5_96105.D
 Lab ID: 480-43118-1 MS Client ID: OW-16 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
4,4'-DDD	0.769	0.087	0.738	85	43-146	
4,4'-DDE	0.769	ND	0.576	75	27-144	
4,4'-DDT	0.769	0.16	0.599	57	37-140	
Aldrin	0.769	0.085	0.522	57	39-125	
alpha-BHC	0.769	ND	0.684	89	47-130	
alpha-Chlordane	0.769	0.10	0.714	80	36-142	
beta-BHC	0.769	0.084	0.736	85	54-139	
delta-BHC	0.769	0.096	0.750	85	43-139	
Dieldrin	0.769	0.089	0.785	90	46-144	
Endosulfan I	0.769	0.10	0.685	76	40-147	
Endosulfan II	0.769	0.18	0.743	73	51-140	
Endosulfan sulfate	0.769	0.050	0.722	87	36-159	
Endrin	0.769	ND	0.793	103	48-156	
Endrin aldehyde	0.769	0.13	0.802	87	29-142	
Endrin ketone	0.769	ND	0.674	88	57-138	
gamma-BHC (Lindane)	0.769	0.058	0.721	86	48-133	
gamma-Chlordane	0.769	0.011 J	3.94	510	46-132	F
Heptachlor	0.769	ND	0.634	82	36-142	
Heptachlor epoxide	0.769	ND	0.800	104	53-139	
Methoxychlor	0.769	0.027 J	0.787	99	40-175	

Column to be used to flag recovery and RPD values

FORM III
PESTICIDES MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-43118-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: 5_96106.D
 Lab ID: 480-43118-1 MSD Client ID: OW-16 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
4,4'-DDD	0.769	0.804	93	9	12	43-146	
4,4'-DDE	0.769	0.635	83	10	14	27-144	
4,4'-DDT	0.769	0.631	61	5	17	37-140	
Aldrin	0.769	0.602	67	14	13	39-125	F
alpha-BHC	0.769	0.724	94	6	15	47-130	
alpha-Chlordane	0.769	0.775	88	8	12	36-142	
beta-BHC	0.769	0.848	99	14	22	54-139	
delta-BHC	0.769	0.834	96	11	10	43-139	F
Dieldrin	0.769	0.872	102	10	12	46-144	
Endosulfan I	0.769	0.733	82	7	10	40-147	
Endosulfan II	0.769	0.802	81	8	11	51-140	
Endosulfan sulfate	0.769	0.759	92	5	18	36-159	
Endrin	0.769	0.845	110	6	13	48-156	
Endrin aldehyde	0.769	0.850	93	6	18	29-142	
Endrin ketone	0.769	0.709	92	5	33	57-138	
gamma-BHC (Lindane)	0.769	0.784	94	8	15	48-133	
gamma-Chlordane	0.769	7.76	1008	65	11	46-132	F
Heptachlor	0.769	0.738	96	15	10	36-142	F
Heptachlor epoxide	0.769	0.902	117	12	11	53-139	F
Methoxychlor	0.769	0.828	104	5	10	40-175	

Column to be used to flag recovery and RPD values

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP6890-05\20130806-24104.b\5_96108.D
 Lims ID: 480-43118-E-1-A Client ID: OW-16
 Inject. Date: 06-Aug-2013 13:06:12 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: Name: 480-43118-E-1-A
 Misc. Info.: Study: 480-0024104-009 Channel B: I/F Serial#, CN10520009
 Operator: tchrom Instrument ID: HP6890-5
 Injection Vol: 1.0 ul ALS Bottle#: 0
 Lims Batch ID: 132512 Lims Sample ID: 9
 Detector 1 : Ch-A-6A58132
 Detector 2 : Ch-B-6b58132

Method: \\Bufchrom\ChromData\HP6890-05\20130806-24104.b\8081-5.m
 Last Update: 16-Aug-2013 12:25:11 Calib Date: 31-Jul-2013 20:12:49
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP6890-05\20130730-23918.b\5_96077.D
 Limit Group: GC - 8081A ICAL
 Integrator: Falcon
 Column Type: Column Dia:
 Process Host: XAWRK026

First Level Reviewer: bescod

Date: 16-Aug-2013 12:25:11

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags

S 1 BHC, Total

1						0.0364			
2						0.0320			

RPD = 12.86

\$ 4 Tetrachloro-m-xylene

1	1	2.393	2.390	0.003	792612	0.0118			
2	2	2.747	2.747	0.000	3552023	0.0286			

RPD = 82.96

6 Hexachlorobenzene

1	1	2.697	2.680	0.017	11775259	0.1465			
2	2	3.180	3.163	0.017	3297799	0.0214			

RPD = 148.95

7 gamma-BHC (Lindane)

1	1	3.053	3.050	0.003	312344	0.004433			
2	2	3.617	3.613	0.004	1297710	0.007818			

RPD = 55.26

8 beta-BHC

1	1	3.110	3.120	-0.010	885103	0.0266			
2	2	3.670	3.683	-0.013	772017	0.0113			

RPD = 80.94

9 delta-BHC

1	1	3.260	3.270	-0.010	385686	0.005357			
2	2	4.007	3.983	0.024	2176292	0.0129			

RPD = 82.62

12 Aldrin

1	1	3.757	3.730	0.027	77888	0.001300			
2	2	4.393	4.417	-0.024	1710172	0.0115			

RPD = 159.23

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
11 Chlordane (technical)									M
1	1	0.0	3.857	-3.857	0	0		100.0	E
1	2	4.237	4.253	-0.016	8801	0.0198	30.3- 90.3		
1	3	4.427	4.443	-0.016	72626	0.0164	361.3- 421.3		M
1	4	4.580	4.567	0.013	15589	0.0109	619.7- 679.7		
1	5	5.213	5.233	-0.020	33280	0.0231	66.7- 126.7		
Average of Peak Amounts =						0.0176			
2	6	4.567	4.570	-0.003	1612174	0.3502		100.0	E
2	7	4.980	4.980	0.000	3569796	0.9207	52.8- 112.8	221.4	
2	8	5.210	5.220	-0.010	210101946	11.7	335.6- 395.6	13032.2	
2	9	5.380	5.373	0.007	1597705	0.1322	228.1- 288.1	99.1	
2	10	6.140	6.123	0.017	1058511	0.3018	43.0- 103.0	65.7	
Average of Peak Amounts =						2.68			
						RPD = 197.40			
13 Alachlor									
1	1	3.887	3.870	0.017	314202	0.0410			E
2	2	4.270	4.290	-0.020	3390574	0.1922			E
						RPD = 129.62			
15 gamma-Chlordane									M
1	1	4.427	4.443	-0.016	72626	0.001476			EM
2	2	5.210	5.217	-0.007	210101946	1.62			E
						RPD = 199.64			
17 alpha-Chlordane									
1	1	4.580	4.580	0.000	15589	0.000860			
2	2	5.380	5.370	0.010	1597705	0.0136			
						RPD = 176.25			
19 Endosulfan I									
1	1	4.697	4.717	-0.020	79741	0.000547			7
2	2	5.457	5.433	0.024	1554161	0.0140			7
						RPD = 184.95			
LOD = 0.000800									
21 2,4'-DDD									
1	1	4.857	4.847	0.010	60381	0.001376			
2	2	5.783	5.757	0.026	825637	0.0121			
						RPD = 159.16			
20 Dieldrin									
1	1	4.967	4.960	0.007	13552	0.000056			7
2	2	5.733	5.717	0.016	1433530	0.0120			7
						RPD = 198.15			
LOD = 0.000800									
23 4,4'-DDD									
1	1	5.273	5.280	-0.007	48297	0.000956			
2	2	6.140	6.140	0.000	1058511	0.0118			
						RPD = 169.98			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
25 Endosulfan II									
1	1	5.410	5.427	-0.017	155784	0.002038			
2	2	6.267	6.250	0.017	2314924	0.0241			
						RPD = 168.84			
26 4,4'-DDT									
1	1	5.593	5.567	0.026	65858	0.001248			
2	2	6.460	6.463	-0.003	2050381	0.0216			
						RPD = 178.18			
29 Endrin aldehyde									
1	1	5.840	5.857	-0.017	54931	0.001461			
2	2	6.600	6.593	0.007	1291816	0.0181			
						RPD = 170.07			
30 Methoxychlor									
1	1	6.093	6.073	0.020	3144	0.000010			7
2	2	7.187	7.157	0.030	157257	0.003628			7
						RPD = 198.94			
LOD = 0.000800									
31 Endosulfan sulfate									
1	1	6.323	6.303	0.020	31845	0.001025			
2	2	6.910	6.880	0.030	514308	0.006803			
						RPD = 147.63			
\$ 34 DCB Decachlorobiphenyl									
1	1	7.613	7.607	0.006	250333	0.006076			
2	2	8.650	8.647	0.003	501860	0.007545			
						RPD = 21.57			

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags

15 gamma-Chlordane

1	1	4.430	4.443	-0.013	200077	0.002994			
2	2	5.200	5.217	-0.017	508254	0.004459			

RPD = 39.32

19 Endosulfan I

1	1	4.707	4.717	-0.010	2889	-0.000464			7
2	2	5.447	5.433	0.014	7465	0.000420			7

RPD = -4014.83

LOD = 0.000800

20 Dieldrin

1	1	4.967	4.960	0.007	28945	0.000217			7
2	2	5.743	5.717	0.026	40614	0.001030			7

RPD = 130.27

LOD = 0.000800

23 4,4'-DDD

1	1	5.287	5.280	0.007	56477	0.001062			
2	2	6.140	6.140	0.000	110939	0.001881			

RPD = 55.66

29 Endrin aldehyde

1	1	5.840	5.857	-0.017	36513	0.001055			
2	2	6.603	6.593	0.010	260411	0.004229			

RPD = 120.16

31 Endosulfan sulfate

1	1	6.320	6.303	0.017	19003	0.000768			7
2	2	6.870	6.880	-0.010	31214	0.001173			7

RPD = 41.67

LOD = 0.000800

\$ 34 DCB Decachlorobiphenyl

1	1	7.617	7.607	0.010	228245	0.005496			
2	2	8.650	8.647	0.003	418442	0.006197			

RPD = 11.99

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP6890-05\20130806-24104.b\5_96110.D
 Lims ID: 480-43118-G-3-A Client ID: OW-13
 Inject. Date: 06-Aug-2013 13:41:20 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: Name: 480-43118-G-3-A
 Misc. Info.: Study: 480-0024104-011 Channel B: I/F Serial#, CN10520009
 Operator: tchrom Instrument ID: HP6890-5
 Injection Vol: 1.0 ul ALS Bottle#: 0
 Lims Batch ID: 132512 Lims Sample ID: 11
 Detector 1 : Ch-A-6A58132
 Detector 2 : Ch-B-6b58132
 Method: \\Bufchrom\ChromData\HP6890-05\20130806-24104.b\8081-5.m
 Last Update: 07-Aug-2013 15:32:10 Calib Date: 31-Jul-2013 20:12:49
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP6890-05\20130730-23918.b\5_96077.D
 Limit Group: GC - 8081A ICAL
 Integrator: Falcon
 Column Type: Column Dia:
 Process Host: XAWRK007

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags

\$ 4 Tetrachloro-m-xylene

1	1	2.393	2.390	0.003	650265	0.009786			
2	2	2.747	2.747	0.000	2400736	0.0194			

RPD = 65.73

5 alpha-BHC

1	1	2.807	2.800	0.007	24294	0.001257			
2	2	3.273	3.277	-0.004	398668	0.002577			

RPD = 68.85

7 gamma-BHC (Lindane)

1	1	3.037	3.050	-0.013	42846	0.001432			
2	2	3.620	3.613	0.007	156404	0.001393			

RPD = 2.77

8 beta-BHC

1	1	3.110	3.120	-0.010	84032	0.002902			
2	2	3.677	3.683	-0.006	315079	0.004370			

RPD = 40.38

12 Aldrin

1	1	3.743	3.730	0.013	62195	0.001099			
2	2	4.410	4.417	-0.007	307702	0.002372			

RPD = 73.38

15 gamma-Chlordane

1	1	4.433	4.443	-0.010	170597	0.002643			
2	2	5.197	5.217	-0.020	1171182	0.009576			

RPD = 113.48

18 4,4'-DDE

1	1	4.683	4.667	0.016	69531	0.000970			
2	2	5.537	5.540	-0.003	543605	0.005067			

RPD = 135.73

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 4,4'-DDD									
1	1	5.287	5.280	0.007	43425	0.000892			
2	2	6.157	6.140	0.017	292759	0.003780			
						RPD = 123.62			
26 4,4'-DDT									
1	1	5.590	5.567	0.023	93702	0.001642			
2	2	6.467	6.463	0.004	415736	0.005220			
						RPD = 104.28			
29 Endrin aldehyde									
1	1	5.870	5.857	0.013	184157	0.004311			
2	2	6.603	6.593	0.010	319775	0.005025			
						RPD = 15.30			
30 Methoxychlor									
1	1	6.090	6.073	0.017	58841	0.002017			
2	2	7.143	7.157	-0.014	300769	0.006713			
						RPD = 107.59			
31 Endosulfan sulfate									
1	1	6.307	6.303	0.004	27582	0.000940			
2	2	6.870	6.880	-0.010	119934	0.002207			
						RPD = 80.54			
33 Endrin ketone									
1	1	6.570	6.583	-0.013	330900	0.005352			
2	2	7.443	7.423	0.020	184491	0.002528			
						RPD = 71.67			
\$ 34 DCB Decachlorobiphenyl									
1	1	7.613	7.607	0.006	231744	0.005588			
2	2	8.650	8.647	0.003	497183	0.007469			
						RPD = 28.82			

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP6890-05\20130806-24104.b\5_96111.D
 Lims ID: 480-43118-F-4-A Client ID: OW-24
 Inject. Date: 06-Aug-2013 13:58:55 Dil. Factor: 5.0000
 Sample Type: Client
 Sample ID: Name: 480-43118-F-4-A
 Misc. Info.: Study: 480-0024104-012 Channel B: I/F Serial#, CN10520009
 Operator: tchrom Instrument ID: HP6890-5
 Injection Vol: 1.0 ul ALS Bottle#: 0
 Lims Batch ID: 132512 Lims Sample ID: 12
 Detector 1 : Ch-A-6A58132
 Detector 2 : Ch-B-6b58132

Method: \\Bufchrom\ChromData\HP6890-05\20130806-24104.b\8081-5.m
 Last Update: 07-Aug-2013 15:32:10 Calib Date: 31-Jul-2013 20:12:49
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP6890-05\20130730-23918.b\5_96077.D
 Limit Group: GC - 8081A ICAL
 Integrator: Falcon
 Column Type: Column Dia:
 Process Host: XAWRK007

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags

\$ 4 Tetrachloro-m-xylene

1	1	2.393	2.390	0.003	77471	0.001526			
2	2	2.747	2.747	0.000	323309	0.002662			

RPD = 54.26

5 alpha-BHC

1	1	2.803	2.800	0.003	30381	0.001311			
2	2	3.277	3.277	0.000	144344	0.001354			

RPD = 3.22

7 gamma-BHC (Lindane)

1	1	3.037	3.050	-0.013	3199	0.000991			
2	2	3.593	3.613	-0.020	204031	0.001661			

RPD = 50.56

8 beta-BHC

1	1	3.147	3.120	0.027	74746	0.002627			7
2	2	3.683	3.683	0.000	14460	-0.000167			7

RPD = 227.17

LOD = 0.000800

9 delta-BHC

1	1	3.260	3.270	-0.010	11943	0.001209			7
2	2	4.000	3.983	0.017	38042	0.000762			7

RPD = 45.31

LOD = 0.000800

10 Heptachlor

1	1	3.473	3.457	0.016	4955	0.000079			7
2	2	4.053	4.070	-0.017	21540	0.000437			7

RPD = 138.56

LOD = 0.000800

14 Heptachlor epoxide

1	1	4.333	4.320	0.013	4613	-0.000172			7
2	2	5.007	5.017	-0.010	139051	0.001391			7

RPD = 256.25

LOD = 0.000800

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
15 gamma-Chlordane									
1	1	4.427	4.443	-0.016	35831	0.001038			
2	2	5.197	5.217	-0.020	781794	0.006570			
						RPD = 145.42			
19 Endosulfan I									
1	1	4.700	4.717	-0.017	15582	-0.000297			7
2	2	5.407	5.433	-0.026	73991	0.001004			7
						RPD = 368.37			
LOD = 0.000800									
20 Dieldrin									
1	1	4.963	4.960	0.003	20940	0.000133			7
2	2	5.743	5.717	0.026	26187	0.000916			7
						RPD = 149.19			
LOD = 0.000800									
23 4,4'-DDD									
1	1	5.293	5.280	0.013	42183	0.000876			
2	2	6.123	6.140	-0.017	85603	0.001617			
						RPD = 59.44			
25 Endosulfan II									
1	1	5.427	5.427	0.000	21050	0.000090			7
2	2	6.267	6.250	0.017	82612	0.001440			7
						RPD = 176.47			
LOD = 0.000800									
29 Endrin aldehyde									
1	1	5.853	5.857	-0.004	126873	0.003047			
2	2	6.580	6.593	-0.013	209851	0.003550			
						RPD = 15.25			
30 Methoxychlor									
1	1	6.070	6.073	-0.003	38848	0.001296			
2	2	7.187	7.157	0.030	90280	0.002188			
						RPD = 51.21			
31 Endosulfan sulfate									
1	1	6.330	6.303	0.027	77310	0.001932			
2	2	6.870	6.880	-0.010	121725	0.002228			
						RPD = 14.21			
33 Endrin ketone									
1	1	6.600	6.583	0.017	78469	0.001386			
2	2	7.427	7.423	0.004	28741	0.000947			
						RPD = 37.70			
\$ 34 DCB Decachlorobiphenyl									
1	1	7.613	7.607	0.006	50414	0.000832			7
2	2	8.647	8.647	0.000	53917	0.000308			7
						RPD = 91.99			
LOD = 0.000800									

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP6890-05\20130806-24104.b\5_96112.D
 Lims ID: 480-43118-G-5-A Client ID: OW-25
 Inject. Date: 06-Aug-2013 14:16:19 Dil. Factor: 100.0000
 Sample Type: Client
 Sample ID: Name: 480-43118-G-5-A
 Misc. Info.: Study: 480-0024104-013 Channel B: I/F Serial#, CN10520009
 Operator: tchrom Instrument ID: HP6890-5
 Injection Vol: 1.0 ul ALS Bottle#: 0
 Lims Batch ID: 132512 Lims Sample ID: 13
 Detector 1 : Ch-A-6A58132
 Detector 2 : Ch-B-6b58132

Method: \\Bufchrom\ChromData\HP6890-05\20130806-24104.b\8081-5.m
 Last Update: 07-Aug-2013 15:32:10 Calib Date: 31-Jul-2013 20:12:49
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP6890-05\20130730-23918.b\5_96077.D
 Limit Group: GC - 8081A ICAL
 Integrator: Falcon
 Column Type: Column Dia:
 Process Host: XAWRK007

First Level Reviewer: RudzG

Date: 07-Aug-2013 15:28:12

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags

\$ 4 Tetrachloro-m-xylene

1	1	2.400	2.390	0.010	66163	0.001363			
2	2	2.730	2.747	-0.017	1300368	0.0105			

RPD = 154.12

5 alpha-BHC

1	1	2.803	2.800	0.003	24748083	0.2204			E
2	2	3.277	3.277	0.000	75514788	0.3639			E

RPD = 49.11

7 gamma-BHC (Lindane)

1	1	3.067	3.050	0.017	228543	0.003500			
2	2	3.617	3.613	0.004	468350	0.003149			

RPD = 10.55

8 beta-BHC

1	1	3.120	3.120	0.000	2914655	0.0866			
2	2	3.683	3.683	0.000	9305445	0.1401			

RPD = 47.18

9 delta-BHC

1	1	3.270	3.270	0.000	157467	0.002824			
2	2	3.983	3.983	0.000	568721	0.003774			

RPD = 28.80

12 Aldrin

1	1	3.713	3.730	-0.017	27893	0.000659			7
2	2	4.393	4.417	-0.024	77964	0.000885			7

RPD = 29.20

LOD = 0.000800

15 gamma-Chlordane

1	1	4.423	4.443	-0.020	8224	0.000709			7
2	2	5.197	5.217	-0.020	2958574	0.0234			7

LOD = 0.000800

Page 597 of 1275

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
20 Dieldrin									
1	1	4.953	4.960	-0.007	16281	0.000084			7
2	2	5.700	5.717	-0.017	14742	0.000826			7
						RPD = 162.93			
LOD = 0.000800									
22 Endrin									
1	1	5.203	5.197	0.006	2434730	0.0279			
2	2	6.017	6.033	-0.016	38411	0.001007			
						RPD = 186.05			
23 4,4'-DDD									
1	1	5.310	5.280	0.030	42118	0.000875			
2	2	6.113	6.140	-0.027	11523	0.000843			
						RPD = 3.71			
29 Endrin aldehyde									
1	1	5.830	5.857	-0.027	158921	0.003754			
2	2	6.567	6.593	-0.026	57203	0.001503			
						RPD = 85.66			
30 Methoxychlor									
1	1	6.083	6.073	0.010	2144	-0.000026			7
2	2	7.140	7.157	-0.017	48612	0.001293			7
						RPD = 208.35			
LOD = 0.000800									
33 Endrin ketone									
1	1	6.573	6.583	-0.010	58211	0.001068			
2	2	7.440	7.423	0.017	62924	0.001294			
						RPD = 19.11			
\$ 34 DCB Decachlorobiphenyl									
1	1	7.613	7.607	0.006	2458	-0.000426			7
2	2	8.660	8.647	0.013	19682	-0.000245			7
						RPD = -53.78			
LOD = 0.000800									

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

7 - Failed Limit of Detection

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP6890-05\20130806-24104.b\5_96115.D
 Lims ID: 480-43118-D-6-A Client ID: OW-22
 Inject. Date: 06-Aug-2013 15:08:53 Dil. Factor: 5.0000
 Sample Type: Client
 Sample ID: Name: 480-43118-D-6-A
 Misc. Info.: Study: 480-0024104-016 Channel B: I/F Serial#, CN10520009
 Operator: tchrom Instrument ID: HP6890-5
 Injection Vol: 1.0 ul ALS Bottle#: 0
 Lims Batch ID: 132512 Lims Sample ID: 16
 Detector 1 : Ch-A-6A58132
 Detector 2 : Ch-B-6b58132

Method: \\Bufchrom\ChromData\HP6890-05\20130806-24104.b\8081-5.m
 Last Update: 07-Aug-2013 15:32:22 Calib Date: 31-Jul-2013 20:12:49
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP6890-05\20130730-23918.b\5_96077.D
 Limit Group: GC - 8081A ICAL
 Integrator: Falcon
 Column Type: Column Dia:
 Process Host: XAWRK007

First Level Reviewer: RudzG

Date: 07-Aug-2013 15:29:12

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags

\$ 4 Tetrachloro-m-xylene

1	1	2.397	2.390	0.007	110022	0.001995			
2	2	2.747	2.747	0.000	382273	0.003136			

RPD = 44.47

5 alpha-BHC

1	1	2.823	2.800	0.023	29993	0.001308			
2	2	3.277	3.277	0.000	35490	0.000831			

RPD = 44.64

7 gamma-BHC (Lindane)

1	1	3.050	3.050	0.000	1317	0.000970			7
2	2	3.593	3.613	-0.020	45232	0.000767			7

RPD = 23.32

LOD = 0.000800

8 beta-BHC

1	1	3.123	3.120	0.003	3343	0.000516			7
2	2	3.687	3.683	0.004	6612	-0.000286			7

RPD = 695.54

LOD = 0.000800

10 Heptachlor

1	1	3.470	3.457	0.013	3125	0.000056			7
2	2	4.050	4.070	-0.020	4745	0.000336			7

RPD = 143.16

LOD = 0.000800

14 Heptachlor epoxide

1	1	4.297	4.320	-0.023	4180	-0.000178			7
2	2	5.007	5.017	-0.010	25237	0.000515			7

RPD = 410.75

LOD = 0.000800

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP6890-05\20130806-24104.b\5_96117.D
 Lims ID: 480-43118-D-8-A Client ID: OW-1
 Inject. Date: 06-Aug-2013 15:43:54 Dil. Factor: 5.0000
 Sample Type: Client
 Sample ID: Name: 480-43118-D-8-A
 Misc. Info.: Study: 480-0024104-018 Channel B: I/F Serial#, CN10520009
 Operator: tchrom Instrument ID: HP6890-5
 Injection Vol: 1.0 ul ALS Bottle#: 0
 Lims Batch ID: 132512 Lims Sample ID: 18
 Detector 1 : Ch-A-6A58132
 Detector 2 : Ch-B-6b58132

Method: \\Bufchrom\ChromData\HP6890-05\20130806-24104.b\8081-5.m
 Last Update: 07-Aug-2013 15:32:22 Calib Date: 31-Jul-2013 20:12:49
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP6890-05\20130730-23918.b\5_96077.D
 Limit Group: GC - 8081A ICAL
 Integrator: Falcon
 Column Type: Column Dia:
 Process Host: XAWRK007

First Level Reviewer: RudzG

Date: 07-Aug-2013 15:31:10

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags

\$ 4 Tetrachloro-m-xylene

1	1	2.397	2.390	0.007	116203	0.002084			
2	2	2.747	2.747	0.000	1215375	0.009834			

RPD = 130.05

7 gamma-BHC (Lindane)

1	1	3.053	3.050	0.003	40448	0.001406			
2	2	3.613	3.613	0.000	363866	0.002561			

RPD = 58.26

8 beta-BHC

1	1	3.110	3.120	-0.010	24350	0.001137			
2	2	3.680	3.683	-0.003	174702	0.002252			

RPD = 65.76

14 Heptachlor epoxide

1	1	4.313	4.320	-0.007	913	-0.000224			7
2	2	5.040	5.017	0.023	742496	0.006037			7

RPD = 215.45

LOD = 0.000800

15 gamma-Chlordane

1	1	4.430	4.443	-0.013	26047	0.000922			E
2	2	5.197	5.217	-0.020	68884464	0.5322			E

RPD = 199.31

17 alpha-Chlordane

1	1	4.573	4.580	-0.007	4731	0.000722			7
2	2	5.373	5.370	0.003	1060	0.000396			7

RPD = 58.35

LOD = 0.000800

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-43118-1
 SDG No.: _____
 Lab Sample ID: CCV 480-132512/22 Calibration Date: 08/06/2013 16:54
 Instrument ID: HP6890-5 Calib Start Date: 07/30/2013 16:06
 GC Column: RTX-CLPII ID: 0.53 (mm) Calib End Date: 07/30/2013 17:16
 Lab File ID: 5_96121.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Lin1		208471260		0.0508	0.0500	1.6	15.0
gamma-BHC (Lindane)	Lin1		179040480		0.0509	0.0500	1.8	15.0
beta-BHC	Lin1		69147360		0.0518	0.0500	3.6	15.0
delta-BHC	Lin1		177797820		0.0510	0.0500	2.0	15.0
Heptachlor	Lin1		168488620		0.0507	0.0500	1.4	15.0
Aldrin	Lin1		156851000		0.0512	0.0500	2.3	15.0
Heptachlor epoxide	Lin1		131817160		0.0511	0.0500	2.1	15.0
gamma-Chlordane	Lin1		129490320		0.0505	0.0500	1.0	15.0
alpha-Chlordane	Lin1		121234120		0.0506	0.0500	1.2	15.0
Endosulfan I	Lin1		115891700		0.0512	0.0500	2.3	15.0
4,4'-DDE	Lin1		123070380		0.0504	0.0500	0.9	15.0
Dieldrin	Lin1		127236960		0.0507	0.0500	1.4	15.0
Endrin	Lin1		105782560		0.0479	0.0500	-4.3	15.0
4,4'-DDD	Lin1		95292260		0.0505	0.0500	1.0	15.0
Endosulfan II	Lin1		98126820		0.0504	0.0500	0.9	15.0
4,4'-DDT	Lin1		91278720		0.0469	0.0500	-6.2	15.0
Endrin aldehyde	Lin1		74360180		0.0506	0.0500	1.2	15.0
Endosulfan sulfate	Lin1		76842540		0.0456	0.0500	-8.8	15.0
Methoxychlor	Lin1		37524720		0.0406	0.0500	-18.8*	15.0
Endrin ketone	Lin1		82788360		0.0427	0.0500	-14.6	15.0
Tetrachloro-m-xylene	Lin1		128419760		0.0517	0.0500	3.4	15.0
DCB Decachlorobiphenyl	Lin1		78726420		0.0630	0.0500	26.1*	15.0

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP6890-05\20130806-24104.b\5_96104.D
 Lims ID: LCS 480-132305/2-A Client ID:
 Inject. Date: 06-Aug-2013 11:56:09 Dil. Factor: 1.0000
 Sample Type: LCS
 Sample ID: Name: LCS 480-132305/2-A
 Misc. Info.: Study: 480-0024104-005 Channel B: I/F Serial#, CN10520009
 Operator: tchrom Instrument ID: HP6890-5
 Injection Vol: 1.0 ul ALS Bottle#: 0
 Lims Batch ID: 132512 Lims Sample ID: 5
 Detector 1 : Ch-A-6A58132
 Detector 2 : Ch-B-6b58132
 Method: \\Bufchrom\ChromData\HP6890-05\20130806-24104.b\8081-5.m
 Last Update: 07-Aug-2013 15:32:10 Calib Date: 31-Jul-2013 20:12:49
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP6890-05\20130730-23918.b\5_96077.D
 Limit Group: GC - 8081A ICAL
 Integrator: Falcon
 Column Type: Column Dia:
 Process Host: XAWRK007

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags

\$ 4 Tetrachloro-m-xylene

1	1	2.397	2.390	0.007	563374	0.008533			
2	2	2.747	2.747	0.000	1776586	0.0143			
							RPD = 50.83		

5 alpha-BHC

1	1	2.807	2.800	0.007	2955905	0.0272			
2	2	3.277	3.277	0.000	8956706	0.0437			
							RPD = 46.48		

7 gamma-BHC (Lindane)

1	1	3.057	3.050	0.007	3056460	0.0350			
2	2	3.617	3.613	0.004	7936895	0.0452			
							RPD = 25.45		

8 beta-BHC

1	1	3.127	3.120	0.007	1203957	0.0360			
2	2	3.687	3.683	0.004	3028489	0.0453			
							RPD = 22.89		

9 delta-BHC

1	1	3.277	3.270	0.007	3124647	0.0358			
2	2	3.987	3.983	0.004	8208484	0.0471			
							RPD = 27.45		

10 Heptachlor

1	1	3.460	3.457	0.003	2682894	0.0346			
2	2	4.073	4.070	0.003	6582939	0.0397			
							RPD = 13.82		

12 Aldrin

1	1	3.733	3.730	0.003	2086232	0.0270			
2	2	4.417	4.417	0.000	5345284	0.0350			
							RPD = 25.68		

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
14 Heptachlor epoxide									
1	1	4.323	4.320	0.003	2862943	0.0407			
2	2	5.017	5.017	0.000	5939801	0.0460			
						RPD = 12.32			
15 gamma-Chlordane									
1	1	4.450	4.443	0.007	2970965	0.0360			
2	2	5.217	5.217	0.000	5802328	0.0453			
						RPD = 22.94			
17 alpha-Chlordane									
1	1	4.583	4.580	0.003	2744113	0.0356			
2	2	5.370	5.370	0.000	5598819	0.0468			
						RPD = 27.28			
18 4,4'-DDE									
1	1	4.670	4.667	0.003	2764482	0.0327			
2	2	5.540	5.540	0.000	5389520	0.0443			
						RPD = 30.18			
19 Endosulfan I									
1	1	4.723	4.717	0.006	2284261	0.0295			
2	2	5.433	5.433	0.000	4672851	0.0413			
						RPD = 33.25			
20 Dieldrin									
1	1	4.967	4.960	0.007	2901143	0.0304			
2	2	5.720	5.717	0.003	6153578	0.0491			
						RPD = 47.05			
22 Endrin									
1	1	5.203	5.197	0.006	3072930	0.0352			
2	2	6.037	6.033	0.004	5276161	0.0477			
						RPD = 30.16			
23 4,4'-DDD									
1	1	5.283	5.280	0.003	2414173	0.0318			
2	2	6.140	6.140	0.000	4549060	0.0482			
						RPD = 41.09			
25 Endosulfan II									
1	1	5.430	5.427	0.003	2393684	0.0344			
2	2	6.250	6.250	0.000	4291407	0.0442			
						RPD = 24.97			
26 4,4'-DDT									
1	1	5.573	5.567	0.006	2650331	0.0378			
2	2	6.467	6.463	0.004	4424081	0.0455			
						RPD = 18.38			
29 Endrin aldehyde									
1	1	5.863	5.857	0.006	2002826	0.0444			
2	2	6.597	6.593	0.004	3866335	0.0526			
						RPD = 16.86			
30 Methoxychlor									
1	1	6.080	6.073	0.007	1169078	0.0420			
2	2	7.157	7.157	0.000	2427713	0.0524			
						RPD = 22.04			

FORM II
HERBICIDES SURROGATE RECOVERY

Lab Name: TestAmerica Buffalo

Job No.: 480-43118-1

SDG No.: _____

Matrix: Water

Level: Low

GC Column (1): RTX-CLPI ID: 0.32 (mm)

Client Sample ID	Lab Sample ID	DCPA1 #
OW-16	480-43118-1	133
OW-23	480-43118-2	100
OW-13	480-43118-3	128
OW-24	480-43118-4	134
OW-25	480-43118-5	453 X
OW-22	480-43118-6	143 X
OW-21	480-43118-7	102
OW-1	480-43118-8	122
OW-2	480-43118-9	116
OW-14B	480-43118-10	117
	MB 480-132602/1-A	98
	LCS 480-132602/2-A	101
OW-23 MS	480-43118-2 MS	102
OW-23 MSD	480-43118-2 MSD	99

DCPA = 2,4-Dichlorophenylacetic acid

QC LIMITS
40-135

Column to be used to flag recovery values

FORM VII
HERBICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-43118-1
 SDG No.: _____
 Lab Sample ID: CCV 480-132866/33 Calibration Date: 08/09/2013 05:14
 Instrument ID: HP5890-13 Calib Start Date: 06/13/2013 03:30
 GC Column: RTX-CLPI ID: 0.32 (mm) Calib End Date: 06/13/2013 06:28
 Lab File ID: 13_45033.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dalapon	Qua		1413380		0.242	0.250	-3.1	15.0
Dichlorprop	Qua		1211016		0.263	0.250	5.1	15.0
2,4-D	Qua		1399892		0.263	0.250	5.0	15.0
Pentachlorophenol	Qua		11023872		0.289	0.250	15.4*	15.0
Silvex (2,4,5-TP)	Qua		4744192		0.285	0.250	14.2	15.0
2,4,5-T	Qua		4784248		0.290	0.250	15.9*	15.0
Picloram	Qua		3523212		0.311	0.250	24.3*	15.0
Dinoseb	Qua		2856436		0.281	0.250	12.2	15.0
2,4-Dichlorophenylacetic acid	Qua		1033218		0.509	0.500	1.9	15.0

FORM VII
HERBICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-43118-1
 SDG No.: _____
 Lab Sample ID: CCV 480-132866/50 Calibration Date: 08/09/2013 15:55
 Instrument ID: HP5890-13 Calib Start Date: 06/13/2013 03:30
 GC Column: RTX-CLPI ID: 0.32 (mm) Calib End Date: 06/13/2013 06:28
 Lab File ID: 13_45050.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dalapon	Qua		1439108		0.247	0.250	-1.1	15.0
Dichlorprop	Qua		1251380		0.273	0.250	9.1	15.0
2,4-D	Qua		1445312		0.272	0.250	8.9	15.0
Pentachlorophenol	Qua		11562796		0.306	0.250	22.6*	15.0
Silvex (2,4,5-TP)	Qua		4988504		0.302	0.250	20.6*	15.0
2,4,5-T	Qua		4857280		0.294	0.250	17.8*	15.0
Picloram	Qua		3545064		0.313	0.250	25.1*	15.0
Dinoseb	Qua		3351044		0.336	0.250	34.5*	15.0
2,4-Dichlorophenylacetic acid	Qua		1064046		0.527	0.500	5.4	15.0

FORM VII
HERBICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-43118-1
 SDG No.: _____
 Lab Sample ID: CCV 480-132866/52 Calibration Date: 08/09/2013 16:54
 Instrument ID: HP5890-13 Calib Start Date: 06/13/2013 03:30
 GC Column: RTX-CLPI ID: 0.32 (mm) Calib End Date: 06/13/2013 06:28
 Lab File ID: 13_45052.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dalapon	Qua		1448024		0.249	0.250	-0.5	15.0
Dichlorprop	Qua		1197612		0.260	0.250	3.8	15.0
2,4-D	Qua		1378852		0.258	0.250	3.3	15.0
Pentachlorophenol	Qua		11119036		0.292	0.250	16.7*	15.0
Silvex (2,4,5-TP)	Qua		4805736		0.289	0.250	15.8*	15.0
2,4,5-T	Qua		4683504		0.283	0.250	13.2	15.0
Picloram	Qua		3392872		0.299	0.250	19.6*	15.0
Dinoseb	Qua		3085568		0.306	0.250	22.5*	15.0
2,4-Dichlorophenylacetic acid	Qua		1042066		0.514	0.500	2.9	15.0

FORM VII
HERBICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-43118-1
 SDG No.: _____
 Lab Sample ID: CCV 480-132866/54 Calibration Date: 08/09/2013 17:54
 Instrument ID: HP5890-13 Calib Start Date: 06/13/2013 03:30
 GC Column: RTX-CLPI ID: 0.32 (mm) Calib End Date: 06/13/2013 06:28
 Lab File ID: 13_45054.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dalapon	Qua		1451536		0.250	0.250	-0.2	15.0
Dichlorprop	Qua		1266740		0.277	0.250	10.6	15.0
2,4-D	Qua		1447460		0.273	0.250	9.1	15.0
Pentachlorophenol	Qua		11634972		0.309	0.250	23.5*	15.0
Silvex (2,4,5-TP)	Qua		5035136		0.305	0.250	21.8*	15.0
2,4,5-T	Qua		4906760		0.298	0.250	19.0*	15.0
Picloram	Qua		3650688		0.322	0.250	28.8*	15.0
Dinoseb	Qua		3308968		0.331	0.250	32.6*	15.0
2,4-Dichlorophenylacetic acid	Qua		1088396		0.541	0.500	8.2	15.0

OW-11

Data Usability Summary Report

Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

Nash Rd. LF #932054
TestAmerica SDG#480-44407-1
November 2, 2021
Sampling date: 8/22/2013

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

Nash Rd. LF #932054
SDG# 480-44407-1

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for LiRo Engineers, project located at Nash Rd. LF #932054, TestAmerica SDG#480-44407-1 submitted to Vali-Data of WNY, LLC on September 30, 2021. This DUSR has been prepared in general compliance with USEPA National Functional Guidelines(NFG) and NYSDEC Analytical Services Protocols. The laboratory performed the analyses using USEPA method Volatile Organics (8260B), Semi-Volatile Organics (8270C), Pesticides (8081A), Herbicides(8151A) and Inorganics(6010B, 7470A).

ID	Sample ID	Laboratory ID
1	OW-11	480-44407-1

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Sample Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use.

Sample: OW-11 was diluted due to high target analyte concentrations.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on target analytes in which the RSD > 15.0%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

GC/MS PERFORMANCE CHECK

All criteria were met.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Method Blank and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met except Di-n-butyl phthalate and Phenanthrene were detected above MDL, below the reporting limit and are qualified as estimated in MB 480-136379/1-A. These target analytes should be qualified as undetected at the reporting limit in associated samples in which they were detected below the reporting limit. These target analytes should be qualified as estimated high in associated samples in which they were detected above the reporting limit.

Blank ID	Target analyte	Concentration(ug/L)	Qualifier	Associated Sample
MB 480-136379	Phenanthrene	.639	U at RL	1

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on target analytes in which the RSD >15.0%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of one of the target analytes was outside QC limits. This target analyte should be qualified as estimated in the associated samples, blanks and spikes.

Calibration ID	Target Analyte	%D	Qualifier	Associated Sample
CCVIS 480-136216/3	Bis(2-chloroisopropyl)ether	44.1	UJ	MB 480-136023, 1
CCVIS 480-136216/3	Phenol	22.0	UJ	MB 480-136023
CCVIS 480-136216/3	Phenol	22.0	J	LCS 480-136023, 1
CCVIS 480-136216/3	N-Nitrosodi-n-propylamine	26.9	UJ	MB 480-136023, 1
CCVIS 480-136216/3	N-Nitrosodi-n-propylamine	26.9	J	LCS 480-136023
CCVIS 480-136216/3	Dibenz(a,h)anthracene	28.7	UJ	MB 480-136023, 1

GC/MS PERFORMANCE CHECK

All criteria were met.

PESTICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Method Blank and Compound Quantitation.

Sample: OW-11 was diluted due to sample matrix.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the samples were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met except Endrin aldehyde and 4,4'-DDT were detected above the MDL,

below the reporting limit and are qualified as estimated in MB 480-136379/1-A. These target analytes should be qualified as undetected at the reporting limit in samples in which they were detected above the MDL but below the reporting limit. These target analytes should be qualified as estimated high in the associated samples in which they were detected above the reporting limit.

Blank ID	Target Analyte	Concentration(ug/L)	Qualifier	Associated Sample
MB 480-136379	Endrin aldehyde	.0230	U	none
MB 480-136379	4,4'-DDT	.0303	U at RL	1

The RPD of 4,4'-DDT was outside QC limits between the columns in MB 480-136379/1-A and should be qualified as estimated.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met except the RPD of some target analytes were outside QC limits between the columns and should be qualified as estimated.

Sample ID	Target Analyte/Surrogate	Qualifier
OW-11	d-BHC, 4,4'-DDE	J

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used on all target analytes and surrogates, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

HERBICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
-

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Surrogate Spike Recoveries and Continuing Calibration.

Sample: OW-11 was diluted due to high concentration of non-target analytes.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of 2,4-Dichlorophenylacetic acid was outside QC limits, high in one of the spikes and should be qualified as estimated. Target analytes detected in this spike should be qualified as estimated high.

Spike ID	%Rec RTX-CLPI	%Rec RTX-CLPII	Qualifier
LCSD 480-136017	142	-	JH

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used on all of the target analytes and surrogates, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of some target analytes was outside QC limit. Associated samples, blanks and spikes should be qualified as estimated.

Calibration ID	Target Analyte	%D	Qualifier	Associated Sample
CCV 480-136215/22	2,4,5-TP	24.4	UJ	MB 480-136017
CCV 480-136215/22	2,4,5-TP	24.4	J	LCS/SD 480-136017
CCV 480-136215/22	2,4,5-T	21.8	UJ	MB 480-136017
CCV 480-136215/22	2,4,5-T	21.8	J	LCS/SD 480-136017
CCV 480-136215/29	2,4-D	23.6	UJ	MB 480-136017, 1
CCV 480-136215/29	2,4-D	23.6	J	LCS/SD 480-136017
CCV 480-136215/29	2,4,5-TP	37.0	UJ	MB 480-136017, 1
CCV 480-136215/29	2,4,5-TP	37.0	J	LCS/SD 480-136017
CCV 480-136215/29	2,4,5-T	34.7	UJ	MB 480-136017,1
CCV 480-136215/29	2,4,5-T	34.7	J	LCS/SD 480-136017
CCV 480-136215/29	2,4-DCPAA	21.3	J	MB/LCS/SD 480-136017
CCV 480-136215/	2,4-D	19.6	UJ	1
CCV 480-136215/	2,4,5-TP	33.9	UJ	1
CCV 480-136215/	2,4,5-T	30.9	UJ	1
CCV 480-136215/	2,4-DCPAA	18.9	J	1

Some target analytes were outside laboratory QC limits but were within NFG QC limits, so no further action is required.

METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Blanks
- Laboratory Control Sample
- MS/MSD/Duplicate
- Field Duplicate
- Serial Dilution
- Compound Quantitation
- Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

BLANKS

All criteria were met.

LABORATORY CONTROL SAMPLE

All criteria were met.

MS/MSD/DUPLICATE

No MS/MSD/duplicate was acquired.

FIELD DUPLICATE

No field duplicate was acquired.

SERIAL DILUTION

No serial dilution was performed.

COMPOUND QUANTITATION

All criteria were met.

CALIBRATION

All criteria were met.

Job Narrative
480-44407-1

Receipt

The sample was received on 8/22/2013 3:07 PM; the sample arrived in good condition, properly preserved and, where required, on ice.

GC/MS VOA

Method(s) 8260B: The following sample(s) was diluted to bring the concentration of target analytes within the calibration range: OW-11 (480-44407-1). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

GC/MS Semi VOA

Method(s) 8270C: The continuing calibration verification (CCV) for 2,2'-oxybis[1-chloropropane] associated with batch 136216 recovered above the upper control limit. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method(s) 8270C: The following compounds were outside control limits in the continuing calibration verification (CCV) associated with batch 136216: Dibenz(a,h)anthracene, Indeno[1,2,3-cd]pyrene, N-Nitrosodi-n-propylamine, and Phenol. These compounds are not classified as Calibration Check Compounds (CCCs) in the reference method, and the laboratory defaults to in-house and/or project-specific criteria for evaluation. Due to the large number of analytes contained in the CCV, the laboratory's SOP allows for 4 analytes to be outside limits; therefore, the data have been reported.

Method(s) 8270C: The method blank for batch 136216 contained Phenanthrene above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 8270C: The laboratory control sample and the laboratory control sample duplicate (LCS/LCSD) for batch 136023 recovered outside control limits for the following analytes: 3-Nitroaniline and 4-Chloroaniline. 3-Nitroaniline and 4-Chloroaniline have been identified as poor performing analytes when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

No other analytical or quality issues were noted.

GC Semi VOA

Method(s) 8081A: The ending continuing calibration verification (CCV) for Methoxychlor associated with batch 136493 recovered above the upper control limit for methoxychlor. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method(s) 8081A: The following sample was diluted due to the nature of the sample matrix: OW-11 (480-44407-1). Elevated reporting limits (RLs) are provided.

Method(s) 8081A: The method blank MB 480-136379/1-A contained the analyte 4,4'-DDT above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 8081A: All primary data is reported from the RTX-CLPII column.

Method(s) 8151A: The laboratory control sample duplicate (LCSD) for preparation batch 136017 recovered outside control limits for the surrogate 2,4-Dichlorophenylacetic acid. The spike recoveries were within control limits. The data has been reported and qualified.

Method(s) 8151A: Due to the level of dilution required for non-target compounds and matrix for the following sample, surrogate recoveries are not reported: OW-11 (480-44407-1).

Method(s) 8151A: All primary data is reported from the RTX-CLPI column.

Method(s) 8151A: The continuing calibration verifications (CCVs) (CCV 480-136215/22), (CCV 480-136215/29), (CCV 480-136215/36) recovered above the upper control limit for several compounds. The samples associated with this CCV were non-detect for the affected analytes; therefore, the data have been reported.

No other analytical or quality issues were noted.

Metals

No analytical or quality issues were noted.

Organic Prep

No analytical or quality issues were noted.

Analytical Data

Client: New York State D.E.C.

Job Number: 480-44407-1

Client Sample ID: OW-11

Lab Sample ID: 480-44407-1

Client Matrix: Water

Date Sampled: 08/22/2013 1100

Date Received: 08/22/2013 1507

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-136425	Instrument ID:	HP5975D
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	D4705.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/29/2013 0135			Final Weight/Volume:	5 mL
Prep Date:	08/29/2013 0135				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1-Dichloroethane	ND		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	2.3		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	2.2		0.78	1.0
1,4-Dichlorobenzene	10		0.84	1.0
2-Butanone (MEK)	ND		1.3	10
2-Hexanone	ND		1.2	5.0
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	5.5	J	3.0	10
Benzene	530	E	0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	45		0.75	1.0
Chloroethane	ND		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	ND		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	40		0.18	1.0
Dibromochloromethane	ND		0.32	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	1.0
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	8.5		0.16	1.0
Methylene Chloride	ND		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	15		0.51	1.0
trans-1,2-Dichloroethene	ND		0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	ND		0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Analytical Data

Client: New York State D.E.C.

Job Number: 480-44407-1

Client Sample ID: OW-11

Lab Sample ID: 480-44407-1

Date Sampled: 08/22/2013 1100

Client Matrix: Water

Date Received: 08/22/2013 1507

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-136425	Instrument ID:	HP5975D
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	D4705.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/29/2013 0135			Final Weight/Volume:	5 mL
Prep Date:	08/29/2013 0135				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101		66 - 137
4-Bromofluorobenzene (Surr)	98		73 - 120
Toluene-d8 (Surr)	99		71 - 126

Analytical Data

Client: New York State D.E.C.

Job Number: 480-44407-1

Client Sample ID: OW-11

Lab Sample ID: 480-44407-1

Date Sampled: 08/22/2013 1100

Client Matrix: Water

Date Received: 08/22/2013 1507

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-136630	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N0221.D
Dilution:	10			Initial Weight/Volume:	5 mL
Analysis Date:	08/29/2013 2346	Run Type:	DL	Final Weight/Volume:	5 mL
Prep Date:	08/29/2013 2346				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		8.2	10
1,1,2,2-Tetrachloroethane	ND		2.1	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.1	10
1,1,2-Trichloroethane	ND		2.3	10
1,1-Dichloroethane	ND		3.8	10
1,1-Dichloroethene	ND		2.9	10
1,2,4-Trichlorobenzene	ND		4.1	10
1,2-Dibromo-3-Chloropropane	ND		3.9	10
1,2-Dibromoethane	ND		7.3	10
1,2-Dichlorobenzene	ND		7.9	10
1,2-Dichloroethane	ND		2.1	10
1,2-Dichloropropane	ND		7.2	10
1,3-Dichlorobenzene	ND		7.8	10
1,4-Dichlorobenzene	11		8.4	10
2-Butanone (MEK)	ND		13	100
2-Hexanone	ND		12	50
4-Methyl-2-pentanone (MIBK)	ND		21	50
Acetone	ND		30	100
Benzene	540		4.1	10
Bromodichloromethane	ND		3.9	10
Bromoform	ND		2.6	10
Bromomethane	ND		6.9	10
Carbon disulfide	ND		1.9	10
Carbon tetrachloride	ND		2.7	10
Chlorobenzene	49		7.5	10
Chloroethane	ND		3.2	10
Chloroform	ND		3.4	10
Chloromethane	ND		3.5	10
cis-1,2-Dichloroethene	ND		8.1	10
cis-1,3-Dichloropropene	ND		3.6	10
Cyclohexane	47		1.8	10
Dibromochloromethane	ND		3.2	10
Dichlorodifluoromethane	ND		6.8	10
Ethylbenzene	ND		7.4	10
Isopropylbenzene	ND		7.9	10
Methyl acetate	ND		5.0	10
Methyl tert-butyl ether	ND		1.6	10
Methylcyclohexane	11		1.6	10
Methylene Chloride	ND		4.4	10
Styrene	ND		7.3	10
Tetrachloroethene	ND		3.6	10
Toluene	17		5.1	10
trans-1,2-Dichloroethene	ND		9.0	10
trans-1,3-Dichloropropene	ND		3.7	10
Trichloroethene	ND		4.6	10
Trichlorofluoromethane	ND		8.8	10

Analytical Data

Client: New York State D.E.C.

Job Number: 480-44407-1

Client Sample ID: OW-11

Lab Sample ID: 480-44407-1

Date Sampled: 08/22/2013 1100

Client Matrix: Water

Date Received: 08/22/2013 1507

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-136630	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N0221.D
Dilution:	10			Initial Weight/Volume:	5 mL
Analysis Date:	08/29/2013 2346	Run Type:	DL	Final Weight/Volume:	5 mL
Prep Date:	08/29/2013 2346				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		9.0	10
Xylenes, Total	ND		6.6	20

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		66 - 137
4-Bromofluorobenzene (Surr)	95		73 - 120
Toluene-d8 (Surr)	96		71 - 126

Analytical Data

Client: New York State D.E.C.

Job Number: 480-44407-1

Client Sample ID: OW-11

Lab Sample ID: 480-44407-1

Client Matrix: Water

Date Sampled: 08/22/2013 1100

Date Received: 08/22/2013 1507

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	480-136216	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-136023	Lab File ID:	W003511.D
Dilution:	1.0			Initial Weight/Volume:	258.8 mL
Analysis Date:	08/28/2013 1027			Final Weight/Volume:	1 mL
Prep Date:	08/27/2013 0715			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Biphenyl	ND		0.63	4.8
bis (2-chloroisopropyl) ether	ND		0.50	4.8
2,4,5-Trichlorophenol	ND		0.46	4.8
2,4,6-Trichlorophenol	ND		0.59	4.8
2,4-Dichlorophenol	ND		0.49	4.8
2,4-Dimethylphenol	1.5	J	0.48	4.8
2,4-Dinitrophenol	ND		2.1	9.7
2,4-Dinitrotoluene	ND		0.43	4.8
2,6-Dinitrotoluene	ND		0.39	4.8
2-Chloronaphthalene	ND		0.44	4.8
2-Chlorophenol	ND		0.51	4.8
2-Methylnaphthalene	ND		0.58	4.8
2-Methylphenol	ND		0.39	4.8
2-Nitroaniline	ND		0.41	9.7
2-Nitrophenol	ND		0.46	4.8
3,3'-Dichlorobenzidine	ND		0.39	4.8
3-Nitroaniline	ND	*	0.46	9.7
4,6-Dinitro-2-methylphenol	ND		2.1	9.7
4-Bromophenyl phenyl ether	ND		0.43	4.8
4-Chloro-3-methylphenol	ND		0.43	4.8
4-Chloroaniline	ND	*	0.57	4.8
4-Chlorophenyl phenyl ether	ND		0.34	4.8
4-Methylphenol	1.2	J	0.35	9.7
4-Nitroaniline	ND		0.24	9.7
4-Nitrophenol	ND		1.5	9.7
Acenaphthene	ND		0.40	4.8
Acenaphthylene	ND		0.37	4.8
Acetophenone	ND		0.52	4.8
Anthracene	ND		0.27	4.8
Atrazine	ND		0.44	4.8
Benzaldehyde	0.51	J	0.26	4.8
Benzo(a)anthracene	ND		0.35	4.8
Benzo(a)pyrene	ND		0.45	4.8
Benzo(b)fluoranthene	ND		0.33	4.8
Benzo(g,h,i)perylene	ND		0.34	4.8
Benzo(k)fluoranthene	ND		0.71	4.8
Bis(2-chloroethoxy)methane	ND		0.34	4.8
Bis(2-chloroethyl)ether	ND		0.39	4.8
Bis(2-ethylhexyl) phthalate	ND		1.7	4.8
Butyl benzyl phthalate	ND		0.41	4.8
Caprolactam	ND		2.1	4.8
Carbazole	ND		0.29	4.8
Chrysene	ND		0.32	4.8
Di-n-butyl phthalate	0.33	J	0.30	4.8
Di-n-octyl phthalate	ND		0.45	4.8
Dibenz(a,h)anthracene	ND		0.41	4.8

Analytical Data

Client: New York State D.E.C.

Job Number: 480-44407-1

Client Sample ID: OW-11

Lab Sample ID: 480-44407-1

Client Matrix: Water

Date Sampled: 08/22/2013 1100

Date Received: 08/22/2013 1507

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	480-136216	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-136023	Lab File ID:	W003511.D
Dilution:	1.0			Initial Weight/Volume:	258.8 mL
Analysis Date:	08/28/2013 1027			Final Weight/Volume:	1 mL
Prep Date:	08/27/2013 0715			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dibenzofuran	ND		0.49	9.7
Diethyl phthalate	ND		0.21	4.8
Dimethyl phthalate	ND		0.35	4.8
Fluoranthene	ND		0.39	4.8
Fluorene	ND		0.35	4.8
Hexachlorobenzene	ND		0.49	4.8
Hexachlorobutadiene	ND		0.66	4.8
Hexachlorocyclopentadiene	ND		0.57	4.8
Hexachloroethane	ND		0.57	4.8
Indeno(1,2,3-cd)pyrene	ND		0.45	4.8
Isophorone	ND		0.42	4.8
N-Nitrosodi-n-propylamine	ND		0.52	4.8
N-Nitrosodiphenylamine	ND		0.49	4.8
Naphthalene	ND		0.73	4.8
Nitrobenzene	ND		0.28	4.8
Pentachlorophenol	ND		2.1	9.7
Phenanthrene	0.64	J B	0.43	4.8
Phenol	1.0	J	0.38	4.8
Pyrene	ND		0.33	4.8

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	104		39 - 146
2-Fluorobiphenyl	66		37 - 120
2-Fluorophenol	31		18 - 120
Nitrobenzene-d5	57		34 - 132
p-Terphenyl-d14	69		58 - 147
Phenol-d5	23		11 - 120

Analytical Data

Client: New York State D.E.C.

Job Number: 480-44407-1

Client Sample ID: OW-11

Lab Sample ID: 480-44407-1

Date Sampled: 08/22/2013 1100

Client Matrix: Water

Date Received: 08/22/2013 1507

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	480-136493	Instrument ID:	HP6890-25
Prep Method:	3510C	Prep Batch:	480-136379	Initial Weight/Volume:	255.6 mL
Dilution:	5.0			Final Weight/Volume:	2 mL
Analysis Date:	08/29/2013 1422			Injection Volume:	1 uL
Prep Date:	08/28/2013 1438			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	ND		0.045	0.24
4,4'-DDE	0.078	J	0.057	0.24
4,4'-DDT	0.22	J B	0.054	0.24
Aldrin	ND		0.032	0.24
alpha-BHC	0.24		0.032	0.24
alpha-Chlordane	ND		0.072	0.24
beta-BHC	0.35		0.12	0.24
delta-BHC	0.063	J	0.049	0.24
Dieldrin	ND		0.048	0.24
Endosulfan I	ND		0.054	0.24
Endosulfan II	ND		0.059	0.24
Endosulfan sulfate	ND		0.077	0.24
Endrin	ND		0.067	0.24
Endrin aldehyde	ND		0.080	0.24
Endrin ketone	ND		0.059	0.24
gamma-BHC (Lindane)	ND		0.029	0.24
gamma-Chlordane	ND		0.054	0.24
Heptachlor	ND		0.042	0.24
Heptachlor epoxide	ND		0.026	0.24
Methoxychlor	ND		0.069	0.24
Toxaphene	ND		0.59	2.4
Surrogate	%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl	35		20 - 120	
Tetrachloro-m-xylene	103		36 - 120	

Analytical Data

Client: New York State D.E.C.

Job Number: 480-44407-1

Client Sample ID: OW-11

Lab Sample ID: 480-44407-1

Date Sampled: 08/22/2013 1100

Client Matrix: Water

Date Received: 08/22/2013 1507

8151A Herbicidas (GC)

Analysis Method:	8151A	Analysis Batch:	480-136215	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-136017	Initial Weight/Volume:	1015.5 mL
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	08/29/2013 0604			Injection Volume:	1 uL
Prep Date:	08/27/2013 0542			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,5-T	ND		1.5	4.9
Silvex (2,4,5-TP)	ND		3.5	4.9
2,4-D	ND		3.9	4.9

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	79		40 - 135

Analytical Data

Client: New York State D.E.C.

Job Number: 480-44407-1

Client Sample ID: OW-11

Lab Sample ID: 480-44407-1

Date Sampled: 08/22/2013 1100

Client Matrix: Water

Date Received: 08/22/2013 1507

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	480-135856	Instrument ID:	ICAP2
Prep Method:	3005A	Prep Batch:	480-135529	Lab File ID:	I2082313B-1.asc
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	08/23/2013 1759			Final Weight/Volume:	50 mL
Prep Date:	08/23/2013 0820				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Arsenic	ND		0.0056	0.010
Barium	0.16		0.00070	0.0020
Cadmium	0.0070		0.00050	0.0010
Chromium	0.0093		0.0010	0.0040
Lead	0.062		0.0030	0.0050
Selenium	ND		0.0087	0.015
Silver	ND		0.0017	0.0030

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	480-135676	Instrument ID:	LEEMAN2
Prep Method:	7470A	Prep Batch:	480-135544	Lab File ID:	H08233W1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	08/23/2013 1314			Final Weight/Volume:	50 mL
Prep Date:	08/23/2013 0835				

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	0.00025		0.00012	0.00020

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-44407-1

SDG No.: _____

Lab Sample ID: CCVIS 480-136216/3 Calibration Date: 08/28/2013 07:14

Instrument ID: HP5973W Calib Start Date: 08/07/2013 00:25

GC Column: RXI-5Sil MS ID: 0.25 (mm) Calib End Date: 08/07/2013 03:08

Lab File ID: W003504.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6582	0.6038	0.0100	7340	8000	-8.3	100.0
N-Nitrosodimethylamine	Ave	0.7377	0.9779	0.0100	10600	8000	32.6*	25.0
Pyridine	Ave	0.9263	1.025	0.0100	8850	8000	10.6	100.0
Phenol	Ave	1.589	1.939	0.0100	9760	8000	22.0*	20.0
Aniline	Ave	1.935	2.081	0.0100	8600	8000	7.5	100.0
Bis(2-chloroethyl)ether	Ave	1.188	1.155	0.0100	7780	8000	-2.8	20.0
2-Chlorophenol	Ave	1.416	1.477	0.0100	8350	8000	4.3	20.0
1,3-Dichlorobenzene	Ave	1.581	1.678	0.0100	8490	8000	6.1	20.0
1,4-Dichlorobenzene	Ave	1.659	1.746	0.0100	8420	8000	5.2	20.0
Benzyl alcohol	Ave	0.7672	0.7589	0.0100	7910	8000	-1.1	100.0
1,2-Dichlorobenzene	Ave	1.547	1.608	0.0100	8310	8000	3.9	20.0
bis (2-chloroisopropyl) ether	Lin1		1.698	0.0100	11500	8000	44.1*	20.0
2-Methylphenol	Ave	1.198	1.323	0.0100	8840	8000	10.5	20.0
Acetophenone	Ave	1.960	2.518	0.0100	10300	8000	28.5	40.0
N-Nitrosodi-n-propylamine	Ave	0.9015	1.144	0.0500	10200	8000	26.9*	20.0
4-Methylphenol	Ave	1.255	1.471	0.0100	9380	8000	17.3	20.0
Hexachloroethane	Ave	0.7127	0.8272	0.0100	9280	8000	16.1	20.0
Nitrobenzene	Ave	0.4005	0.4338	0.0100	8670	8000	8.3	20.0
Isophorone	Ave	0.6330	0.6459	0.0100	8160	8000	2.0	20.0
2-Nitrophenol	Ave	0.1968	0.1975	0.0100	8030	8000	0.3	20.0
2,4-Dimethylphenol	Ave	0.3937	0.4257	0.0100	8650	8000	8.1	20.0
Bis(2-chloroethoxy)methane	Ave	0.3688	0.3617	0.0100	7850	8000	-1.9	20.0
2,4-Dichlorophenol	Ave	0.3125	0.3044	0.0100	7790	8000	-2.6	20.0
1,2,4-Trichlorobenzene	Ave	0.3527	0.3838	0.0100	8710	8000	8.8	20.0
Naphthalene	Ave	1.042	1.073	0.0100	8230	8000	2.9	20.0
4-Chloroaniline	Ave	0.4109	0.4165	0.0100	8110	8000	1.3	20.0
Hexachlorobutadiene	Ave	0.2408	0.2691	0.0100	8940	8000	11.8	20.0
4-Chloro-3-methylphenol	Ave	0.3249	0.3021	0.0100	7440	8000	-7.0	20.0
2-Methylnaphthalene	Ave	0.6883	0.7462	0.0100	8670	8000	8.4	20.0
Hexachlorocyclopentadiene	Qua		0.4320	0.0500	7470	8000	-6.6	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6451	0.7196	0.0100	8920	8000	11.6	40.0
2,4,6-Trichlorophenol	Ave	0.3974	0.3832	0.0100	7710	8000	-3.6	20.0
2,4,5-Trichlorophenol	Ave	0.4187	0.4389	0.0100	8380	8000	4.8	20.0
Biphenyl	Ave	1.547	1.677	0.0100	8670	8000	8.4	40.0
2-Chloronaphthalene	Ave	1.224	1.282	0.0100	8380	8000	4.7	25.0
2-Nitroaniline	Ave	0.3782	0.3757	0.0100	7950	8000	-0.7	20.0
Dimethyl phthalate	Ave	1.302	1.222	0.0100	7510	8000	-6.1	20.0
1,3-Dinitrobenzene	Ave	0.1059	0.0939	0.0100	7090	8000	-11.4	100.0
2,6-Dinitrotoluene	Ave	0.2906	0.2754	0.0100	7580	8000	-5.2	25.0
Acenaphthylene	Ave	1.906	1.942	0.0100	8150	8000	1.9	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-44407-1

SDG No.: _____

Lab Sample ID: CCVIS 480-136216/3 Calibration Date: 08/28/2013 07:14

Instrument ID: HP5973W Calib Start Date: 08/07/2013 00:25

GC Column: RXI-5Sil MS ID: 0.25 (mm) Calib End Date: 08/07/2013 03:08

Lab File ID: W003504.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
3-Nitroaniline	Ave	0.2999	0.2803	0.0100	7480	8000	-6.5	20.0
Acenaphthene	Ave	1.219	1.337	0.0100	8770	8000	9.7	20.0
2,4-Dinitrophenol	Lin1		0.1507	0.0500	13000	16000	-18.5	20.0
4-Nitrophenol	Ave	0.2770	0.2588	0.0500	14900	16000	-6.6	20.0
2,4-Dinitrotoluene	Ave	0.3784	0.3677	0.0100	7770	8000	-2.8	20.0
Dibenzofuran	Ave	1.646	1.695	0.0100	8240	8000	3.0	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3155	0.2820	0.0100	7150	8000	-10.6	40.0
Diethyl phthalate	Ave	1.357	1.387	0.0100	8180	8000	2.3	20.0
4-Chlorophenyl phenyl ether	Ave	0.5991	0.6559	0.0100	8760	8000	9.5	20.0
Fluorene	Ave	1.299	1.370	0.0100	8440	8000	5.5	20.0
4-Nitroaniline	Ave	0.2837	0.2634	0.0100	7430	8000	-7.2	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1425	0.1517	0.0100	17000	16000	6.5	20.0
1,2-Diphenylhydrazine	Ave	1.432	1.707	0.0100	9540	8000	19.2	25.0
trans-Azobenzene	Ave	0.9565	1.162	0.0100	9720	8000	21.5	40.0
4-Bromophenyl phenyl ether	Ave	0.2325	0.2612	0.0100	8990	8000	12.3	20.0
Hexachlorobenzene	Ave	0.2655	0.3059	0.0100	9220	8000	15.2	20.0
Pentachlorophenol	Qua		0.1544	0.0100	15100	16000	-5.5	20.0
Phenanthrene	Ave	1.122	1.202	0.0100	8570	8000	7.1	20.0
Anthracene	Ave	1.151	1.227	0.0100	8530	8000	6.6	20.0
Carbazole	Ave	1.014	0.9893	0.0100	7810	8000	-2.4	20.0
Di-n-butyl phthalate	Ave	1.380	1.378	0.0100	7990	8000	-0.2	20.0
Fluoranthene	Ave	1.125	1.183	0.0100	8410	8000	5.1	20.0
Pyrene	Ave	1.197	1.154	0.0100	7710	8000	-3.6	20.0
Butyl benzyl phthalate	Ave	0.6329	0.5446	0.0100	6880	8000	-14.0	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.8978	0.7904	0.0100	7040	8000	-12.0	20.0
Benzo(a)anthracene	Ave	1.091	1.038	0.0100	7610	8000	-4.9	20.0
Chrysene	Ave	0.9948	0.9426	0.0100	7580	8000	-5.2	20.0
Di-n-octyl phthalate	Ave	1.492	1.390	0.0100	7450	8000	-6.9	20.0
Benzo(b)fluoranthene	Ave	1.164	1.072	0.0100	7370	8000	-7.8	20.0
Benzo(k)fluoranthene	Ave	1.144	1.138	0.0100	7960	8000	-0.6	20.0
Benzo(a)pyrene	Ave	1.082	1.095	0.0100	8100	8000	1.2	20.0
Indeno(1,2,3-cd)pyrene	Ave	1.218	1.508	0.0100	9900	8000	23.8*	20.0
Dibenz(a,h)anthracene	Ave	1.016	1.307	0.0100	10300	8000	28.7*	20.0
Benzo(g,h,i)perylene	Ave	0.9948	1.075	0.0100	8640	8000	8.0	20.0
2-Fluorophenol	Ave	1.269	1.240	0.0100	7820	8000	-2.3	25.0
Phenol-d5	Ave	1.559	1.514	0.0100	7770	8000	-2.8	25.0
Nitrobenzene-d5	Ave	0.4155	0.4332	0.0100	8340	8000	4.2	25.0
2-Fluorobiphenyl	Ave	1.457	1.677	0.0100	9210	8000	15.1	25.0
2,4,6-Tribromophenol	Ave	0.1394	0.1528	0.0100	8770	8000	9.6	25.0
p-Terphenyl-d14	Ave	0.8460	0.8600	0.0100	8130	8000	1.7	25.0

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Buffalo</u>	Job No.: <u>480-44407-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>MB 480-136023/1-A</u>
Matrix: <u>Water</u>	Lab File ID: <u>W003506.D</u>
Analysis Method: <u>8270C</u>	Date Collected: _____
Extract. Method: <u>3510C</u>	Date Extracted: <u>08/27/2013 07:15</u>
Sample wt/vol: <u>250 (mL)</u>	Date Analyzed: <u>08/28/2013 08:09</u>
Con. Extract Vol.: <u>1 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>5 (uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>136216</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
191-24-2	Benzo(g,h,i)perylene	ND		5.0	0.35
207-08-9	Benzo(k)fluoranthene	ND		5.0	0.73
111-91-1	Bis(2-chloroethoxy)methane	ND		5.0	0.35
111-44-4	Bis(2-chloroethyl)ether	ND		5.0	0.40
117-81-7	Bis(2-ethylhexyl) phthalate	ND		5.0	1.8
85-68-7	Butyl benzyl phthalate	ND		5.0	0.42
105-60-2	Caprolactam	ND		5.0	2.2
86-74-8	Carbazole	ND		5.0	0.30
218-01-9	Chrysene	ND		5.0	0.33
84-74-2	Di-n-butyl phthalate	ND		5.0	0.31
117-84-0	Di-n-octyl phthalate	ND		5.0	0.47
53-70-3	Dibenz(a,h)anthracene	ND		5.0	0.42
132-64-9	Dibenzofuran	ND		10	0.51
84-66-2	Diethyl phthalate	ND		5.0	0.22
131-11-3	Dimethyl phthalate	ND		5.0	0.36
206-44-0	Fluoranthene	ND		5.0	0.40
86-73-7	Fluorene	ND		5.0	0.36
118-74-1	Hexachlorobenzene	ND		5.0	0.51
87-68-3	Hexachlorobutadiene	ND		5.0	0.68
77-47-4	Hexachlorocyclopentadiene	ND		5.0	0.59
67-72-1	Hexachloroethane	ND		5.0	0.59
193-39-5	Indeno(1,2,3-cd)pyrene	ND		5.0	0.47
78-59-1	Isophorone	ND		5.0	0.43
621-64-7	N-Nitrosodi-n-propylamine	ND		5.0	0.54
86-30-6	N-Nitrosodiphenylamine	ND		5.0	0.51
91-20-3	Naphthalene	ND		5.0	0.76
98-95-3	Nitrobenzene	ND		5.0	0.29
87-86-5	Pentachlorophenol	ND		10	2.2
85-01-8	Phenanthrene	0.639	J	5.0	0.44
108-95-2	Phenol	ND		5.0	0.39
129-00-0	Pyrene	ND		5.0	0.34

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP6890-25\20130829-24784.b\25_56117.D
 Lims ID: 480-44407-F-1-A Client ID: OW-11
 Inject. Date: 29-Aug-2013 14:22:36 Dil. Factor: 5.0000
 Sample Type: Client
 Sample ID: #: Name:
 Misc. Info.: Study: 480-0024102-003 Channel B: I/F Serial#, CN10839003
 Operator: tchrom Instrument ID: HP6890-25
 Injection Vol: 1.0 ul ALS Bottle#: 0
 Lims Batch ID: 136493 Lims Sample ID: 16
 Detector 1 : Ch-A-6A58132
 Detector 2 : Ch-B-6b58132
 Method: \\Bufchrom\ChromData\HP6890-25\20130829-24784.b\8081-25.m
 Last Update: 30-Aug-2013 13:22:16 Calib Date: 25-Jul-2013 11:09:20
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP6890-25\20130724-23732.b\25_54195.D
 Limit Group: GC - 8081A ICAL
 Integrator: Falcon
 Column Type: Column Dia:
 Process Host: XAWRK003

First Level Reviewer: WolfL

Date: 30-Aug-2013 13:12:33

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags

\$ 4 Tetrachloro-m-xylene

1	1	2.177	2.187	-0.010	340784	0.002251			
2	2	2.510	2.517	-0.007	54531	0.004136			

RPD = 59.03

6 alpha-BHC

1	1	2.553	2.563	-0.010	1097124	0.004862			M
2	2	2.987	2.997	-0.010	117748	0.006082			M

RPD = 22.30

8 beta-BHC

1	1	2.843	2.857	-0.014	949242	0.0113			
2	2	3.363	3.373	-0.010	70889	0.008912			

RPD = 23.44

9 delta-BHC

1	1	2.977	2.993	-0.016	192256	0.000868			
2	2	3.620	3.653	-0.033	16224	0.001609			

RPD = 59.87

18 4,4'-DDE

1	1	4.310	4.310	0.000	726544	0.003995			
2	2	5.197	5.187	0.010	23114	0.002004			

RPD = 66.38

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Buffalo</u>	Job No.: <u>480-44407-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>MB 480-136379/1-A</u>
Matrix: <u>Water</u>	Lab File ID: <u>25_56105.D</u>
Analysis Method: <u>8081A</u>	Date Collected: _____
Extraction Method: <u>3510C</u>	Date Extracted: <u>08/28/2013 14:38</u>
Sample wt/vol: <u>250 (mL)</u>	Date Analyzed: <u>08/29/2013 09:44</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1 (uL)</u>	GC Column: <u>RTX-CLPII</u> ID: <u>0.53 (mm)</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>136493</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	ND		0.050	0.0092
72-55-9	4,4'-DDE	ND		0.050	0.012
50-29-3	4,4'-DDT	0.0303	J	0.050	0.011
309-00-2	Aldrin	ND		0.050	0.0066
319-84-6	alpha-BHC	ND		0.050	0.0066
5103-71-9	alpha-Chlordane	ND		0.050	0.015
319-85-7	beta-BHC	ND		0.050	0.025
319-86-8	delta-BHC	ND		0.050	0.010
60-57-1	Dieldrin	ND		0.050	0.0098
959-98-8	Endosulfan I	ND		0.050	0.011
33213-65-9	Endosulfan II	ND		0.050	0.012
1031-07-8	Endosulfan sulfate	ND		0.050	0.016
72-20-8	Endrin	ND		0.050	0.014
7421-93-4	Endrin aldehyde	0.0230	J	0.050	0.016
53494-70-5	Endrin ketone	ND		0.050	0.012
58-89-9	gamma-BHC (Lindane)	ND		0.050	0.0060
5103-74-2	gamma-Chlordane	ND		0.050	0.011
76-44-8	Heptachlor	ND		0.050	0.0085
1024-57-3	Heptachlor epoxide	ND		0.050	0.0053
72-43-5	Methoxychlor	ND		0.050	0.014
8001-35-2	Toxaphene	ND		0.50	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	55		20-120
877-09-8	Tetrachloro-m-xylene	65		36-120

FORM II
HERBICIDES SURROGATE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-44407-1

SDG No.: _____

Matrix: Water Level: Low

GC Column (1): RTX-CLPI ID: 0.32 (mm)

Client Sample ID	Lab Sample ID	DCPA1 #
OW-11	480-44407-1	79
	MB 480-136017/1-A	130
	LCS 480-136017/2-A	132
	LCSD 480-136017/3-A	142 X

DCPA = 2,4-Dichlorophenylacetic acid

QC LIMITS
40-135

Column to be used to flag recovery values

FORM II 8151A

FORM VII
HERBICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-44407-1
 SDG No.: _____
 Lab Sample ID: CCV 480-136215/22 Calibration Date: 08/28/2013 13:38
 Instrument ID: HP5890-13 Calib Start Date: 06/13/2013 03:30
 GC Column: RTX-CLPI ID: 0.32 (mm) Calib End Date: 06/13/2013 06:28
 Lab File ID: 13_45241.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dalapon	Qua		1514580		0.262	0.250	4.7	15.0
Dichlorprop	Qua		1153840		0.249	0.250	-0.5	15.0
2,4-D	Qua		1301436		0.242	0.250	-3.3	15.0
Pentachlorophenol	Qua		11964728		0.320	0.250	28.0*	15.0
Silvex (2,4,5-TP)	Qua		5130776		0.311	0.250	24.4*	15.0
2,4,5-T	Qua		5010556		0.304	0.250	21.8*	15.0
Picloram	Qua		3443524		0.304	0.250	21.4*	15.0
Dinoseb	Qua		3350336		0.336	0.250	34.5*	15.0
2,4-Dichlorophenylacetic acid	Qua		1127300		0.563	0.500	12.6	15.0

FORM VII
HERBICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-44407-1
 SDG No.: _____
 Lab Sample ID: CCV 480-136215/29 Calibration Date: 08/28/2013 17:06
 Instrument ID: HP5890-13 Calib Start Date: 06/13/2013 03:30
 GC Column: RTX-CLPI ID: 0.32 (mm) Calib End Date: 06/13/2013 06:28
 Lab File ID: 13_45248.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dalapon	Qua		1651812		0.288	0.250	15.3*	15.0
Dichlorprop	Qua		1430464		0.317	0.250	27.0*	15.0
2,4-D	Qua		1616296		0.309	0.250	23.6*	15.0
Pentachlorophenol	Qua		12975016		0.356	0.250	42.3*	15.0
Silvex (2,4,5-TP)	Qua		5605468		0.343	0.250	37.0*	15.0
2,4,5-T	Qua		5501220		0.337	0.250	34.7*	15.0
Picloram	Qua		4086148		0.361	0.250	44.5*	15.0
Dinoseb	Qua		3655592		0.372	0.250	48.6*	15.0
2,4-Dichlorophenylacetic acid	Qua		1202232		0.606	0.500	21.3*	15.0

FORM VII
HERBICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Buffalo Job No.: 480-44407-1
 SDG No.: _____
 Lab Sample ID: CCV 480-136215/36 Calibration Date: 08/29/2013 06:34
 Instrument ID: HP5890-13 Calib Start Date: 06/13/2013 03:30
 GC Column: RTX-CLPI ID: 0.32 (mm) Calib End Date: 06/13/2013 06:28
 Lab File ID: 13_45255.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dalapon	Qua		1601684		0.278	0.250	11.4	15.0
Dichlorprop	Qua		1401080		0.310	0.250	24.0*	15.0
2,4-D	Qua		1569688		0.299	0.250	19.6*	15.0
Pentachlorophenol	Qua		12705420		0.346	0.250	38.4*	15.0
Silvex (2,4,5-TP)	Qua		5489244		0.335	0.250	33.9*	15.0
2,4,5-T	Qua		5358152		0.327	0.250	30.9*	15.0
Picloram	Qua		3872392		0.342	0.250	36.8*	15.0
Dinoseb	Qua		3578628		0.363	0.250	45.0*	15.0
2,4-Dichlorophenylacetic acid	Qua		1181254		0.594	0.500	18.9*	15.0

**SW-1, SW-2, SW-3, SW-4,
SW-5, SW-6 & SW-7**

Data Usability Summary Report

Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

Nash Rd. LF #932054
TestAmerica SDG#480-39120-1
October 29, 2021
Sampling date: 5/29/2013

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

Nash Rd. LF #932054
SDG# 480-39120-1

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for LiRo Engineers, project located at Nash Rd. LF #932054, TestAmerica SDG#480-39120-1 submitted to Vali-Data of WNY, LLC on September 30, 2021. This DUSR has been prepared in general compliance with USEPA National Functional Guidelines(NFG) and NYSDEC Analytical Services Protocols. The laboratory performed the analyses using USEPA method Volatile Organics (8260B), Semi-Volatile Organics (8270C), Pesticides (8081A) and Herbicides(8151A).

ID	Sample ID	Laboratory ID
1	SW-4	480-39120-1
2	SW-5	480-39120-2
3	SW-1	480-39120-3
4	SW-6	480-39120-4
5	SW-2	480-39120-5
6	SW-3	480-39120-6
7	SW-7	480-39120-7

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Sample Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use.

All of the samples were diluted due to foaming.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was acquired for this analysis.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on target analytes in which the RSD > 15.0%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

GC/MS PERFORMANCE CHECK

All criteria were met.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Method Blank and Surrogate Spike Recoveries.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except p-Terphenyl-d₁₄ was outside QC limits, low in SW-4, SW-1, SW-6, and SW-2. The following target analytes should be qualified as undetected estimated in these samples.

Pyrene	Bis(2-ethylhexyl)phthalate	Benzo(b)fluoranthene
Butylbenzylphthalate	Chrysene	Benzo(k)fluoranthene
3,3'-Dichlorobenzidine	Di-n-octylphthalate	Benzo(a)pyrene
Benzo(a)anthracene	Indeno(1,2,3-cd)pyrene	Dibenzo(a,h)anthracene
Benzo(g,h,i)perylene		

METHOD BLANK

All the criteria were met except Di-n-butyl phthalate and Phenanthrene were detected above MDL, below the reporting limit and are qualified as estimated in MB 480-121112/1-A. These target analytes should be qualified as undetected at the reporting limit in associated samples in which they were detected below the reporting limit. These target analytes should be qualified as estimated high in associated samples in which they were detected above the reporting limit.

Blank ID	Target analyte	Concentration(ug/L)	Qualifier	Associated Sample
MB 480-121112	Di-n-butyl phthalate	.642	U at RL	1-7
MB 480-121112	Phenanthrene	.484	none	none

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was acquired for this analysis.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on target analytes in which the RSD >15.0%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

GC/MS PERFORMANCE CHECK

All criteria were met.

PESTICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Method Blank, Laboratory Control Samples, Surrogate Spike Recoveries and Compound Quantitation.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the samples were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except DCBP was outside QC limits, low in SW-5, SW-6, SW-2, SW-3 and SW-7 and should be qualified as estimated. Target analytes in these samples should be qualified as estimated.

Some surrogate spike recoveries were outside laboratory QC limits due to dilution, so no further action is required.

METHOD BLANK

All the criteria were met except Endrin aldehyde was detected above the MDL, below the reporting limit and is qualified as estimated in MB 480-121378/1-A. This target analyte was not detected in the associated samples, so no further action is required.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met except the RPD of gamma-Chlordane and Methoxychlor was outside QC limits between the columns in LCS 480-121378/2-A and should be qualified as estimated.

MS/MSD

No MS/MSD was acquired for this analysis.

COMPOUND QUANTITATION

All criteria were met except the RPD of some target analytes were outside QC limits between the columns and should be qualified as estimated.

Sample ID	Target Analyte/Surrogate	Qualifier
SW-5	4,4'-DDE, a-BHC, g-Chlordane	J
SW-2	a-BHC, g-BHC, Aldrin, g-Chlordane	J
SW-3	g-BHC, Heptachlor epoxide	J
SW-7	g-BHC	J

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used on all target analytes and surrogates, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

HERBICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
-

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Surrogate Spike Recoveries.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of 2,4-Dichlorophenylacetic acid was outside QC limits, high in some of the samples and spikes and should be qualified as estimated. Target analytes detected in these samples and spikes should be qualified as estimated high.

Sample ID	%Rec RTX-CLPI	%Rec RTX-CLPII	Qualifier
SW-6	-	219	none
LCS 480-121371	188	-	JH
SW-4MS	149	-	JH
SW-4MSD	165	-	JH

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

All the criteria were met.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used on all of the target analytes and surrogates, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

Some target analytes were outside laboratory QC limits but were within NFG QC limits, so no further action is required.

Job Narrative
480-39120-1

Comments

No additional comments.

Receipt

The samples were received on 5/29/2013 2:30 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.2° C.

GC/MS VOA

Method(s) 8260B: The following volatiles sample(s) was diluted due to foaming at the time of purging during the original sample analysis: SW-1 (480-39120-3), SW-2 (480-39120-5), SW-3 (480-39120-6), SW-4 (480-39120-1), SW-5 (480-39120-2), SW-6 (480-39120-4), SW-7 (480-39120-7). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

GC/MS Semi VOA

Method(s) 8270C: The following samples contained one acid and/or one base surrogate outside acceptance limits: SW-1 (480-39120-3), SW-2 (480-39120-5), SW-4 (480-39120-1), SW-6 (480-39120-4). The laboratory's SOP allows one acid surrogate and/or one base surrogate to be outside acceptance limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 8270C: The following compounds were outside control limits in the continuing calibration verification (CCV) associated with batch 121443: Benzo[g,h,i]perylene, Dibenzo[a,h]anthracene, and Indeno[1,2,3-cd]pyrene. These compounds are not classified as Calibration Check Compounds (CCCs) in the reference method, and the laboratory defaults to in-house and/or project-specific criteria for evaluation. Due to the large number of analytes contained in the CCV, the laboratory's SOP allows for 4 analytes to be outside limits; therefore, the data have been reported.

Method(s) 8270C: The method blank for batch 121112 contained Di-n-butyl phthalate and Phenanthrene above the method detection limit. These target analyte concentrations were less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

No other analytical or quality issues were noted.

GC Semi VOA

Method(s) 8081A: The following samples were diluted due to the heavy nature of the sample matrix: SW-1 (480-39120-3), SW-4 (480-39120-1). The highly colored and viscous extract was copper treated to minimize sulfur interferences, filtered and screened to determine the lowest possible dilution that could be utilized. Surrogate recoveries are not reported or not representative, and elevated reporting limits (RLs) are provided due to the nature of the sample matrix and the composition of the extract.

Method(s) 8081A: For method 8081, the recovery of the one surrogate in samples SW-7 (480-39120-7) exceeds quality control limits due to the sample matrix. The recovery of the secondary surrogate is within quality control criteria; no corrective action is required.

Method(s) 8081A: All primary data is reported from the RTX-CLP-II column.

The percent difference in a multi-component continuing calibration verification is assessed on the basis of the total amount, individual peak calculations are only listed for completeness

Method(s) 8081A: The percent difference in the associated continuing calibration verification (CCV) for 4,4'-DDT & Methoxychlor are slightly decreased exceeded 15% on the RTX-CLPII column; (CCV 480-121710/15). This associated sample data is non-detect for these compounds, and subsequent continuing calibration verifications demonstrated compliance with routine quality control criteria, verifying the temporary nature of this effect.

Method(s) 8151A: The continuing calibration verification (CCV 480-121704/43) recovered the analytes Silvex (2,4,5-TP) and 2,4,5-T above the upper control limit. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method(s) 8151A: Surrogate recovery for the following sample was outside the upper control limit: SW-6 (480-39120-4). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 8151A: The matrix spike / matrix spike duplicate (MS/MSD) surrogate recoveries associated with preparation batch 121371 were elevated: (480-39120-1 MS), (480-39120-1 MSD). Matrix interference is suspected. The spike recoveries were compliant; therefore, the data was reported.

Method(s) 8151A: The laboratory control sample (LCS) (LCS 480-121371/2-A) was elevated and recovered outside control limits for the following: 2,4-Dichlorophenylacetic acid (surrogate). The associated spike recoveries are compliant; therefore, the data have been reported.

Method(s) 8151A: All primary data is reported from the RTX-CLPI column.

Method(s) 8151A: The surrogate percent difference in the associated continuing calibration verifications (CCV 480-121704/43), (CCV 480-121704/47), (CCV 480-121704/15) and (CCV 480-121704/26) for 2,4-Dichlorophenylacetic acid exceeded 15% on the RTX-CLPI column, indicating a high bias.

No other analytical or quality issues were noted.

Organic Prep

No analytical or quality issues were noted.

Analytical Data

Client: New York State D.E.C.

Job Number: 480-39120-1

Client Sample ID: SW-4

Lab Sample ID: 480-39120-1

Client Matrix: Water

Date Sampled: 05/29/2013 1130

Date Received: 05/29/2013 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-121067	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N7195.D
Dilution:	10			Initial Weight/Volume:	5 mL
Analysis Date:	05/30/2013 0330			Final Weight/Volume:	5 mL
Prep Date:	05/30/2013 0330				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		8.2	10
1,1,2,2-Tetrachloroethane	ND		2.1	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.1	10
1,1,2-Trichloroethane	ND		2.3	10
1,1-Dichloroethane	ND		3.8	10
1,1-Dichloroethene	ND		2.9	10
1,2,4-Trichlorobenzene	ND		4.1	10
1,2-Dibromo-3-Chloropropane	ND		3.9	10
1,2-Dibromoethane	ND		7.3	10
1,2-Dichlorobenzene	ND		7.9	10
1,2-Dichloroethane	ND		2.1	10
1,2-Dichloropropane	ND		7.2	10
1,3-Dichlorobenzene	ND		7.8	10
1,4-Dichlorobenzene	ND		8.4	10
2-Butanone (MEK)	ND		13	100
2-Hexanone	ND		12	50
4-Methyl-2-pentanone (MIBK)	ND		21	50
Acetone	ND		30	100
Benzene	ND		4.1	10
Bromodichloromethane	ND		3.9	10
Bromoform	ND		2.6	10
Bromomethane	ND		6.9	10
Carbon disulfide	ND		1.9	10
Carbon tetrachloride	ND		2.7	10
Chlorobenzene	ND		7.5	10
Chloroethane	ND		3.2	10
Chloroform	ND		3.4	10
Chloromethane	ND		3.5	10
cis-1,2-Dichloroethene	ND		8.1	10
cis-1,3-Dichloropropene	ND		3.6	10
Cyclohexane	ND		1.8	10
Dibromochloromethane	ND		3.2	10
Dichlorodifluoromethane	ND		6.8	10
Ethylbenzene	ND		7.4	10
Isopropylbenzene	ND		7.9	10
Methyl acetate	ND		5.0	10
Methyl tert-butyl ether	ND		1.6	10
Methylcyclohexane	ND		1.6	10
Methylene Chloride	ND		4.4	10
Styrene	ND		7.3	10
Tetrachloroethene	ND		3.6	10
Toluene	ND		5.1	10
trans-1,2-Dichloroethene	ND		9.0	10
trans-1,3-Dichloropropene	ND		3.7	10
Trichloroethene	ND		4.6	10
Trichlorofluoromethane	ND		8.8	10

Analytical Data

Client: New York State D.E.C.

Job Number: 480-39120-1

Client Sample ID: SW-4

Lab Sample ID: 480-39120-1

Date Sampled: 05/29/2013 1130

Client Matrix: Water

Date Received: 05/29/2013 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-121067	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N7195.D
Dilution:	10			Initial Weight/Volume:	5 mL
Analysis Date:	05/30/2013 0330			Final Weight/Volume:	5 mL
Prep Date:	05/30/2013 0330				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		9.0	10
Xylenes, Total	ND		6.6	20

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		66 - 137
4-Bromofluorobenzene (Surr)	95		73 - 120
Toluene-d8 (Surr)	96		71 - 126

Analytical Data

Client: New York State D.E.C.

Job Number: 480-39120-1

Client Sample ID: SW-5

Lab Sample ID: 480-39120-2

Date Sampled: 05/29/2013 1140

Client Matrix: Water

Date Received: 05/29/2013 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-121067	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N7196.D
Dilution:	5.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/30/2013 0354			Final Weight/Volume:	5 mL
Prep Date:	05/30/2013 0354				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		4.1	5.0
1,1,2,2-Tetrachloroethane	ND		1.1	5.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.6	5.0
1,1,2-Trichloroethane	ND		1.2	5.0
1,1-Dichloroethane	ND		1.9	5.0
1,1-Dichloroethene	ND		1.5	5.0
1,2,4-Trichlorobenzene	ND		2.1	5.0
1,2-Dibromo-3-Chloropropane	ND		2.0	5.0
1,2-Dibromoethane	ND		3.7	5.0
1,2-Dichlorobenzene	ND		4.0	5.0
1,2-Dichloroethane	ND		1.1	5.0
1,2-Dichloropropane	ND		3.6	5.0
1,3-Dichlorobenzene	ND		3.9	5.0
1,4-Dichlorobenzene	ND		4.2	5.0
2-Butanone (MEK)	ND		6.6	50
2-Hexanone	ND		6.2	25
4-Methyl-2-pentanone (MIBK)	ND		11	25
Acetone	ND		15	50
Benzene	ND		2.1	5.0
Bromodichloromethane	ND		2.0	5.0
Bromoform	ND		1.3	5.0
Bromomethane	ND		3.5	5.0
Carbon disulfide	ND		0.95	5.0
Carbon tetrachloride	ND		1.4	5.0
Chlorobenzene	ND		3.8	5.0
Chloroethane	ND		1.6	5.0
Chloroform	ND		1.7	5.0
Chloromethane	ND		1.8	5.0
cis-1,2-Dichloroethene	ND		4.1	5.0
cis-1,3-Dichloropropene	ND		1.8	5.0
Cyclohexane	ND		0.90	5.0
Dibromochloromethane	ND		1.6	5.0
Dichlorodifluoromethane	ND		3.4	5.0
Ethylbenzene	ND		3.7	5.0
Isopropylbenzene	ND		4.0	5.0
Methyl acetate	ND		2.5	5.0
Methyl tert-butyl ether	ND		0.80	5.0
Methylcyclohexane	ND		0.80	5.0
Methylene Chloride	ND		2.2	5.0
Styrene	ND		3.7	5.0
Tetrachloroethene	ND		1.8	5.0
Toluene	ND		2.6	5.0
trans-1,2-Dichloroethene	ND		4.5	5.0
trans-1,3-Dichloropropene	ND		1.9	5.0
Trichloroethene	ND		2.3	5.0
Trichlorofluoromethane	ND		4.4	5.0

Analytical Data

Client: New York State D.E.C.

Job Number: 480-39120-1

Client Sample ID: SW-5

Lab Sample ID: 480-39120-2

Date Sampled: 05/29/2013 1140

Client Matrix: Water

Date Received: 05/29/2013 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-121067	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N7196.D
Dilution:	5.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/30/2013 0354			Final Weight/Volume:	5 mL
Prep Date:	05/30/2013 0354				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		4.5	5.0
Xylenes, Total	ND		3.3	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		66 - 137
4-Bromofluorobenzene (Surr)	98		73 - 120
Toluene-d8 (Surr)	97		71 - 126

Analytical Data

Client: New York State D.E.C.

Job Number: 480-39120-1

Client Sample ID: SW-1

Lab Sample ID: 480-39120-3

Date Sampled: 05/29/2013 1155

Client Matrix: Water

Date Received: 05/29/2013 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-121067	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N7197.D
Dilution:	5.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/30/2013 0418			Final Weight/Volume:	5 mL
Prep Date:	05/30/2013 0418				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		4.1	5.0
1,1,2,2-Tetrachloroethane	ND		1.1	5.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.6	5.0
1,1,2-Trichloroethane	ND		1.2	5.0
1,1-Dichloroethane	ND		1.9	5.0
1,1-Dichloroethene	ND		1.5	5.0
1,2,4-Trichlorobenzene	ND		2.1	5.0
1,2-Dibromo-3-Chloropropane	ND		2.0	5.0
1,2-Dibromoethane	ND		3.7	5.0
1,2-Dichlorobenzene	ND		4.0	5.0
1,2-Dichloroethane	ND		1.1	5.0
1,2-Dichloropropane	ND		3.6	5.0
1,3-Dichlorobenzene	ND		3.9	5.0
1,4-Dichlorobenzene	ND		4.2	5.0
2-Butanone (MEK)	ND		6.6	50
2-Hexanone	ND		6.2	25
4-Methyl-2-pentanone (MIBK)	ND		11	25
Acetone	ND		15	50
Benzene	ND		2.1	5.0
Bromodichloromethane	ND		2.0	5.0
Bromoform	ND		1.3	5.0
Bromomethane	ND		3.5	5.0
Carbon disulfide	ND		0.95	5.0
Carbon tetrachloride	ND		1.4	5.0
Chlorobenzene	ND		3.8	5.0
Chloroethane	ND		1.6	5.0
Chloroform	ND		1.7	5.0
Chloromethane	ND		1.8	5.0
cis-1,2-Dichloroethene	ND		4.1	5.0
cis-1,3-Dichloropropene	ND		1.8	5.0
Cyclohexane	ND		0.90	5.0
Dibromochloromethane	ND		1.6	5.0
Dichlorodifluoromethane	ND		3.4	5.0
Ethylbenzene	ND		3.7	5.0
Isopropylbenzene	ND		4.0	5.0
Methyl acetate	ND		2.5	5.0
Methyl tert-butyl ether	ND		0.80	5.0
Methylcyclohexane	ND		0.80	5.0
Methylene Chloride	ND		2.2	5.0
Styrene	ND		3.7	5.0
Tetrachloroethene	ND		1.8	5.0
Toluene	ND		2.6	5.0
trans-1,2-Dichloroethene	ND		4.5	5.0
trans-1,3-Dichloropropene	ND		1.9	5.0
Trichloroethene	ND		2.3	5.0
Trichlorofluoromethane	ND		4.4	5.0

Analytical Data

Client: New York State D.E.C.

Job Number: 480-39120-1

Client Sample ID: SW-1

Lab Sample ID: 480-39120-3

Date Sampled: 05/29/2013 1155

Client Matrix: Water

Date Received: 05/29/2013 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-121067	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N7197.D
Dilution:	5.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/30/2013 0418			Final Weight/Volume:	5 mL
Prep Date:	05/30/2013 0418				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		4.5	5.0
Xylenes, Total	ND		3.3	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109		66 - 137
4-Bromofluorobenzene (Surr)	96		73 - 120
Toluene-d8 (Surr)	97		71 - 126

Analytical Data

Client: New York State D.E.C.

Job Number: 480-39120-1

Client Sample ID: SW-6

Lab Sample ID: 480-39120-4

Date Sampled: 05/29/2013 1210

Client Matrix: Water

Date Received: 05/29/2013 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-121067	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N7198.D
Dilution:	5.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/30/2013 0441			Final Weight/Volume:	5 mL
Prep Date:	05/30/2013 0441				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		4.1	5.0
1,1,2,2-Tetrachloroethane	ND		1.1	5.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.6	5.0
1,1,2-Trichloroethane	ND		1.2	5.0
1,1-Dichloroethane	ND		1.9	5.0
1,1-Dichloroethene	ND		1.5	5.0
1,2,4-Trichlorobenzene	ND		2.1	5.0
1,2-Dibromo-3-Chloropropane	ND		2.0	5.0
1,2-Dibromoethane	ND		3.7	5.0
1,2-Dichlorobenzene	ND		4.0	5.0
1,2-Dichloroethane	ND		1.1	5.0
1,2-Dichloropropane	ND		3.6	5.0
1,3-Dichlorobenzene	ND		3.9	5.0
1,4-Dichlorobenzene	ND		4.2	5.0
2-Butanone (MEK)	ND		6.6	50
2-Hexanone	ND		6.2	25
4-Methyl-2-pentanone (MIBK)	ND		11	25
Acetone	ND		15	50
Benzene	ND		2.1	5.0
Bromodichloromethane	ND		2.0	5.0
Bromoform	ND		1.3	5.0
Bromomethane	ND		3.5	5.0
Carbon disulfide	ND		0.95	5.0
Carbon tetrachloride	ND		1.4	5.0
Chlorobenzene	ND		3.8	5.0
Chloroethane	ND		1.6	5.0
Chloroform	ND		1.7	5.0
Chloromethane	ND		1.8	5.0
cis-1,2-Dichloroethene	ND		4.1	5.0
cis-1,3-Dichloropropene	ND		1.8	5.0
Cyclohexane	ND		0.90	5.0
Dibromochloromethane	ND		1.6	5.0
Dichlorodifluoromethane	ND		3.4	5.0
Ethylbenzene	ND		3.7	5.0
Isopropylbenzene	ND		4.0	5.0
Methyl acetate	ND		2.5	5.0
Methyl tert-butyl ether	ND		0.80	5.0
Methylcyclohexane	ND		0.80	5.0
Methylene Chloride	ND		2.2	5.0
Styrene	ND		3.7	5.0
Tetrachloroethene	ND		1.8	5.0
Toluene	ND		2.6	5.0
trans-1,2-Dichloroethene	ND		4.5	5.0
trans-1,3-Dichloropropene	ND		1.9	5.0
Trichloroethene	ND		2.3	5.0
Trichlorofluoromethane	ND		4.4	5.0

Analytical Data

Client: New York State D.E.C.

Job Number: 480-39120-1

Client Sample ID: SW-6

Lab Sample ID: 480-39120-4

Date Sampled: 05/29/2013 1210

Client Matrix: Water

Date Received: 05/29/2013 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-121067	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N7198.D
Dilution:	5.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/30/2013 0441			Final Weight/Volume:	5 mL
Prep Date:	05/30/2013 0441				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		4.5	5.0
Xylenes, Total	ND		3.3	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		66 - 137
4-Bromofluorobenzene (Surr)	97		73 - 120
Toluene-d8 (Surr)	98		71 - 126

Analytical Data

Client: New York State D.E.C.

Job Number: 480-39120-1

Client Sample ID: SW-2

Lab Sample ID: 480-39120-5

Date Sampled: 05/29/2013 1225

Client Matrix: Water

Date Received: 05/29/2013 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-121067	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N7199.D
Dilution:	5.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/30/2013 0505			Final Weight/Volume:	5 mL
Prep Date:	05/30/2013 0505				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		4.1	5.0
1,1,2,2-Tetrachloroethane	ND		1.1	5.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.6	5.0
1,1,2-Trichloroethane	ND		1.2	5.0
1,1-Dichloroethane	ND		1.9	5.0
1,1-Dichloroethene	ND		1.5	5.0
1,2,4-Trichlorobenzene	ND		2.1	5.0
1,2-Dibromo-3-Chloropropane	ND		2.0	5.0
1,2-Dibromoethane	ND		3.7	5.0
1,2-Dichlorobenzene	ND		4.0	5.0
1,2-Dichloroethane	ND		1.1	5.0
1,2-Dichloropropane	ND		3.6	5.0
1,3-Dichlorobenzene	ND		3.9	5.0
1,4-Dichlorobenzene	ND		4.2	5.0
2-Butanone (MEK)	ND		6.6	50
2-Hexanone	ND		6.2	25
4-Methyl-2-pentanone (MIBK)	ND		11	25
Acetone	ND		15	50
Benzene	ND		2.1	5.0
Bromodichloromethane	ND		2.0	5.0
Bromoform	ND		1.3	5.0
Bromomethane	ND		3.5	5.0
Carbon disulfide	ND		0.95	5.0
Carbon tetrachloride	ND		1.4	5.0
Chlorobenzene	ND		3.8	5.0
Chloroethane	ND		1.6	5.0
Chloroform	ND		1.7	5.0
Chloromethane	ND		1.8	5.0
cis-1,2-Dichloroethene	ND		4.1	5.0
cis-1,3-Dichloropropene	ND		1.8	5.0
Cyclohexane	ND		0.90	5.0
Dibromochloromethane	ND		1.6	5.0
Dichlorodifluoromethane	ND		3.4	5.0
Ethylbenzene	ND		3.7	5.0
Isopropylbenzene	ND		4.0	5.0
Methyl acetate	ND		2.5	5.0
Methyl tert-butyl ether	ND		0.80	5.0
Methylcyclohexane	ND		0.80	5.0
Methylene Chloride	ND		2.2	5.0
Styrene	ND		3.7	5.0
Tetrachloroethene	ND		1.8	5.0
Toluene	ND		2.6	5.0
trans-1,2-Dichloroethene	ND		4.5	5.0
trans-1,3-Dichloropropene	ND		1.9	5.0
Trichloroethene	ND		2.3	5.0
Trichlorofluoromethane	ND		4.4	5.0

Analytical Data

Client: New York State D.E.C.

Job Number: 480-39120-1

Client Sample ID: SW-2

Lab Sample ID: 480-39120-5

Date Sampled: 05/29/2013 1225

Client Matrix: Water

Date Received: 05/29/2013 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-121067	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N7199.D
Dilution:	5.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/30/2013 0505			Final Weight/Volume:	5 mL
Prep Date:	05/30/2013 0505				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		4.5	5.0
Xylenes, Total	ND		3.3	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		66 - 137
4-Bromofluorobenzene (Surr)	97		73 - 120
Toluene-d8 (Surr)	96		71 - 126

Analytical Data

Client: New York State D.E.C.

Job Number: 480-39120-1

Client Sample ID: SW-3

Lab Sample ID: 480-39120-6

Date Sampled: 05/29/2013 1235

Client Matrix: Water

Date Received: 05/29/2013 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-121067	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N7200.D
Dilution:	5.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/30/2013 0529			Final Weight/Volume:	5 mL
Prep Date:	05/30/2013 0529				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		4.1	5.0
1,1,2,2-Tetrachloroethane	ND		1.1	5.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.6	5.0
1,1,2-Trichloroethane	ND		1.2	5.0
1,1-Dichloroethane	ND		1.9	5.0
1,1-Dichloroethene	ND		1.5	5.0
1,2,4-Trichlorobenzene	ND		2.1	5.0
1,2-Dibromo-3-Chloropropane	ND		2.0	5.0
1,2-Dibromoethane	ND		3.7	5.0
1,2-Dichlorobenzene	ND		4.0	5.0
1,2-Dichloroethane	ND		1.1	5.0
1,2-Dichloropropane	ND		3.6	5.0
1,3-Dichlorobenzene	ND		3.9	5.0
1,4-Dichlorobenzene	ND		4.2	5.0
2-Butanone (MEK)	ND		6.6	50
2-Hexanone	ND		6.2	25
4-Methyl-2-pentanone (MIBK)	ND		11	25
Acetone	ND		15	50
Benzene	ND		2.1	5.0
Bromodichloromethane	ND		2.0	5.0
Bromoform	ND		1.3	5.0
Bromomethane	ND		3.5	5.0
Carbon disulfide	ND		0.95	5.0
Carbon tetrachloride	ND		1.4	5.0
Chlorobenzene	ND		3.8	5.0
Chloroethane	ND		1.6	5.0
Chloroform	ND		1.7	5.0
Chloromethane	ND		1.8	5.0
cis-1,2-Dichloroethene	ND		4.1	5.0
cis-1,3-Dichloropropene	ND		1.8	5.0
Cyclohexane	ND		0.90	5.0
Dibromochloromethane	ND		1.6	5.0
Dichlorodifluoromethane	ND		3.4	5.0
Ethylbenzene	ND		3.7	5.0
Isopropylbenzene	ND		4.0	5.0
Methyl acetate	ND		2.5	5.0
Methyl tert-butyl ether	ND		0.80	5.0
Methylcyclohexane	ND		0.80	5.0
Methylene Chloride	ND		2.2	5.0
Styrene	ND		3.7	5.0
Tetrachloroethene	ND		1.8	5.0
Toluene	ND		2.6	5.0
trans-1,2-Dichloroethene	ND		4.5	5.0
trans-1,3-Dichloropropene	ND		1.9	5.0
Trichloroethene	ND		2.3	5.0
Trichlorofluoromethane	ND		4.4	5.0

Analytical Data

Client: New York State D.E.C.

Job Number: 480-39120-1

Client Sample ID: SW-3

Lab Sample ID: 480-39120-6

Date Sampled: 05/29/2013 1235

Client Matrix: Water

Date Received: 05/29/2013 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-121067	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N7200.D
Dilution:	5.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/30/2013 0529			Final Weight/Volume:	5 mL
Prep Date:	05/30/2013 0529				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		4.5	5.0
Xylenes, Total	ND		3.3	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		66 - 137
4-Bromofluorobenzene (Surr)	98		73 - 120
Toluene-d8 (Surr)	98		71 - 126

Analytical Data

Client: New York State D.E.C.

Job Number: 480-39120-1

Client Sample ID: SW-7

Lab Sample ID: 480-39120-7

Client Matrix: Water

Date Sampled: 05/29/2013 1250

Date Received: 05/29/2013 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-121067	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N7201.D
Dilution:	5.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/30/2013 0552			Final Weight/Volume:	5 mL
Prep Date:	05/30/2013 0552				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		4.1	5.0
1,1,2,2-Tetrachloroethane	ND		1.1	5.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.6	5.0
1,1,2-Trichloroethane	ND		1.2	5.0
1,1-Dichloroethane	ND		1.9	5.0
1,1-Dichloroethene	ND		1.5	5.0
1,2,4-Trichlorobenzene	ND		2.1	5.0
1,2-Dibromo-3-Chloropropane	ND		2.0	5.0
1,2-Dibromoethane	ND		3.7	5.0
1,2-Dichlorobenzene	ND		4.0	5.0
1,2-Dichloroethane	ND		1.1	5.0
1,2-Dichloropropane	ND		3.6	5.0
1,3-Dichlorobenzene	ND		3.9	5.0
1,4-Dichlorobenzene	ND		4.2	5.0
2-Butanone (MEK)	ND		6.6	50
2-Hexanone	ND		6.2	25
4-Methyl-2-pentanone (MIBK)	ND		11	25
Acetone	ND		15	50
Benzene	ND		2.1	5.0
Bromodichloromethane	ND		2.0	5.0
Bromoform	ND		1.3	5.0
Bromomethane	ND		3.5	5.0
Carbon disulfide	ND		0.95	5.0
Carbon tetrachloride	ND		1.4	5.0
Chlorobenzene	ND		3.8	5.0
Chloroethane	ND		1.6	5.0
Chloroform	ND		1.7	5.0
Chloromethane	ND		1.8	5.0
cis-1,2-Dichloroethene	ND		4.1	5.0
cis-1,3-Dichloropropene	ND		1.8	5.0
Cyclohexane	ND		0.90	5.0
Dibromochloromethane	ND		1.6	5.0
Dichlorodifluoromethane	ND		3.4	5.0
Ethylbenzene	ND		3.7	5.0
Isopropylbenzene	ND		4.0	5.0
Methyl acetate	ND		2.5	5.0
Methyl tert-butyl ether	ND		0.80	5.0
Methylcyclohexane	ND		0.80	5.0
Methylene Chloride	ND		2.2	5.0
Styrene	ND		3.7	5.0
Tetrachloroethene	ND		1.8	5.0
Toluene	ND		2.6	5.0
trans-1,2-Dichloroethene	ND		4.5	5.0
trans-1,3-Dichloropropene	ND		1.9	5.0
Trichloroethene	ND		2.3	5.0
Trichlorofluoromethane	ND		4.4	5.0

Analytical Data

Client: New York State D.E.C.

Job Number: 480-39120-1

Client Sample ID: SW-7

Lab Sample ID: 480-39120-7

Client Matrix: Water

Date Sampled: 05/29/2013 1250

Date Received: 05/29/2013 1430

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	480-121067	Instrument ID:	HP5973N
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	N7201.D
Dilution:	5.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/30/2013 0552			Final Weight/Volume:	5 mL
Prep Date:	05/30/2013 0552				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		4.5	5.0
Xylenes, Total	ND		3.3	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109		66 - 137
4-Bromofluorobenzene (Surr)	97		73 - 120
Toluene-d8 (Surr)	96		71 - 126

Analytical Data

Client: New York State D.E.C.

Job Number: 480-39120-1

Client Sample ID: SW-4

Lab Sample ID: 480-39120-1

Client Matrix: Water

Date Sampled: 05/29/2013 1130

Date Received: 05/29/2013 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	480-121443	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-121112	Lab File ID:	W001481.D
Dilution:	1.0			Initial Weight/Volume:	267.6 mL
Analysis Date:	05/31/2013 1818			Final Weight/Volume:	1 mL
Prep Date:	05/30/2013 0715			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Biphenyl	ND		0.61	4.7
bis (2-chloroisopropyl) ether	ND		0.49	4.7
2,4,5-Trichlorophenol	ND		0.45	4.7
2,4,6-Trichlorophenol	ND		0.57	4.7
2,4-Dichlorophenol	ND		0.48	4.7
2,4-Dimethylphenol	ND		0.47	4.7
2,4-Dinitrophenol	ND		2.1	9.3
2,4-Dinitrotoluene	ND		0.42	4.7
2,6-Dinitrotoluene	ND		0.37	4.7
2-Chloronaphthalene	ND		0.43	4.7
2-Chlorophenol	ND		0.50	4.7
2-Methylnaphthalene	ND		0.56	4.7
2-Methylphenol	ND		0.37	4.7
2-Nitroaniline	ND		0.39	9.3
2-Nitrophenol	ND		0.45	4.7
3,3'-Dichlorobenzidine	ND		0.37	4.7
3-Nitroaniline	ND		0.45	9.3
4,6-Dinitro-2-methylphenol	ND		2.1	9.3
4-Bromophenyl phenyl ether	ND		0.42	4.7
4-Chloro-3-methylphenol	ND		0.42	4.7
4-Chloroaniline	ND		0.55	4.7
4-Chlorophenyl phenyl ether	ND		0.33	4.7
4-Methylphenol	ND		0.34	9.3
4-Nitroaniline	ND		0.23	9.3
4-Nitrophenol	ND		1.4	9.3
Acenaphthene	ND		0.38	4.7
Acenaphthylene	ND		0.36	4.7
Acetophenone	ND		0.50	4.7
Anthracene	ND		0.26	4.7
Atrazine	ND		0.43	4.7
Benzaldehyde	5.1		0.25	4.7
Benzo(a)anthracene	ND		0.34	4.7
Benzo(a)pyrene	ND		0.44	4.7
Benzo(b)fluoranthene	ND		0.32	4.7
Benzo(g,h,i)perylene	ND		0.33	4.7
Benzo(k)fluoranthene	ND		0.68	4.7
Bis(2-chloroethoxy)methane	ND		0.33	4.7
Bis(2-chloroethyl)ether	ND		0.37	4.7
Bis(2-ethylhexyl) phthalate	ND		1.7	4.7
Butyl benzyl phthalate	ND		0.39	4.7
Caprolactam	ND		2.1	4.7
Carbazole	ND		0.28	4.7
Chrysene	ND		0.31	4.7
Di-n-butyl phthalate	0.50	J B	0.29	4.7
Di-n-octyl phthalate	ND		0.44	4.7
Dibenz(a,h)anthracene	ND		0.39	4.7

Analytical Data

Client: New York State D.E.C.

Job Number: 480-39120-1

Client Sample ID: SW-4

Lab Sample ID: 480-39120-1

Client Matrix: Water

Date Sampled: 05/29/2013 1130

Date Received: 05/29/2013 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	480-121443	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-121112	Lab File ID:	W001481.D
Dilution:	1.0			Initial Weight/Volume:	267.6 mL
Analysis Date:	05/31/2013 1818			Final Weight/Volume:	1 mL
Prep Date:	05/30/2013 0715			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dibenzofuran	ND		0.48	9.3
Diethyl phthalate	ND		0.21	4.7
Dimethyl phthalate	ND		0.34	4.7
Fluoranthene	ND		0.37	4.7
Fluorene	ND		0.34	4.7
Hexachlorobenzene	ND		0.48	4.7
Hexachlorobutadiene	ND		0.64	0.47
Hexachlorocyclopentadiene	ND		0.55	4.7
Hexachloroethane	ND		0.55	4.7
Indeno(1,2,3-cd)pyrene	ND		0.44	4.7
Isophorone	ND		0.40	4.7
N-Nitrosodi-n-propylamine	ND		0.50	4.7
N-Nitrosodiphenylamine	ND		0.48	4.7
Naphthalene	ND		0.71	4.7
Nitrobenzene	ND		0.27	4.7
Pentachlorophenol	ND		2.1	9.3
Phenanthrene	ND		0.41	4.7
Phenol	ND		0.36	4.7
Pyrene	ND		0.32	4.7

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	87		39 - 146
2-Fluorobiphenyl	85		37 - 120
2-Fluorophenol	55		18 - 120
Nitrobenzene-d5	83		34 - 132
p-Terphenyl-d14	53	X	58 - 147
Phenol-d5	37		11 - 120

Analytical Data

Client: New York State D.E.C.

Job Number: 480-39120-1

Client Sample ID: SW-5

Lab Sample ID: 480-39120-2

Client Matrix: Water

Date Sampled: 05/29/2013 1140

Date Received: 05/29/2013 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	480-121443	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-121112	Lab File ID:	W001482.D
Dilution:	1.0			Initial Weight/Volume:	265.6 mL
Analysis Date:	05/31/2013 1846			Final Weight/Volume:	1 mL
Prep Date:	05/30/2013 0715			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Biphenyl	ND		0.61	4.7
bis (2-chloroisopropyl) ether	ND		0.49	4.7
2,4,5-Trichlorophenol	ND		0.45	4.7
2,4,6-Trichlorophenol	ND		0.57	4.7
2,4-Dichlorophenol	ND		0.48	4.7
2,4-Dimethylphenol	ND		0.47	4.7
2,4-Dinitrophenol	ND		2.1	9.4
2,4-Dinitrotoluene	ND		0.42	4.7
2,6-Dinitrotoluene	ND		0.38	4.7
2-Chloronaphthalene	ND		0.43	4.7
2-Chlorophenol	ND		0.50	4.7
2-Methylnaphthalene	ND		0.56	4.7
2-Methylphenol	ND		0.38	4.7
2-Nitroaniline	ND		0.40	9.4
2-Nitrophenol	ND		0.45	4.7
3,3'-Dichlorobenzidine	ND		0.38	4.7
3-Nitroaniline	ND		0.45	9.4
4,6-Dinitro-2-methylphenol	ND		2.1	9.4
4-Bromophenyl phenyl ether	ND		0.42	4.7
4-Chloro-3-methylphenol	ND		0.42	4.7
4-Chloroaniline	ND		0.56	4.7
4-Chlorophenyl phenyl ether	ND		0.33	4.7
4-Methylphenol	ND		0.34	9.4
4-Nitroaniline	ND		0.24	9.4
4-Nitrophenol	ND		1.4	9.4
Acenaphthene	ND		0.39	4.7
Acenaphthylene	ND		0.36	4.7
Acetophenone	ND		0.51	4.7
Anthracene	ND		0.26	4.7
Atrazine	ND		0.43	4.7
Benzaldehyde	4.0	J	0.25	4.7
Benzo(a)anthracene	ND		0.34	4.7
Benzo(a)pyrene	ND		0.44	4.7
Benzo(b)fluoranthene	ND		0.32	4.7
Benzo(g,h,i)perylene	ND		0.33	4.7
Benzo(k)fluoranthene	ND		0.69	4.7
Bis(2-chloroethoxy)methane	ND		0.33	4.7
Bis(2-chloroethyl)ether	ND		0.38	4.7
Bis(2-ethylhexyl) phthalate	ND		1.7	4.7
Butyl benzyl phthalate	ND		0.40	4.7
Caprolactam	ND		2.1	4.7
Carbazole	ND		0.28	4.7
Chrysene	ND		0.31	4.7
Di-n-butyl phthalate	0.56	J B	0.29	4.7
Di-n-octyl phthalate	ND		0.44	4.7
Dibenz(a,h)anthracene	ND		0.40	4.7

Analytical Data

Client: New York State D.E.C.

Job Number: 480-39120-1

Client Sample ID: SW-5

Lab Sample ID: 480-39120-2

Client Matrix: Water

Date Sampled: 05/29/2013 1140

Date Received: 05/29/2013 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	480-121443	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-121112	Lab File ID:	W001482.D
Dilution:	1.0			Initial Weight/Volume:	265.6 mL
Analysis Date:	05/31/2013 1846			Final Weight/Volume:	1 mL
Prep Date:	05/30/2013 0715			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dibenzofuran	ND		0.48	9.4
Diethyl phthalate	ND		0.21	4.7
Dimethyl phthalate	ND		0.34	4.7
Fluoranthene	ND		0.38	4.7
Fluorene	ND		0.34	4.7
Hexachlorobenzene	ND		0.48	4.7
Hexachlorobutadiene	ND		0.64	0.47
Hexachlorocyclopentadiene	ND		0.56	4.7
Hexachloroethane	ND		0.56	4.7
Indeno(1,2,3-cd)pyrene	ND		0.44	4.7
Isophorone	ND		0.40	4.7
N-Nitrosodi-n-propylamine	ND		0.51	4.7
N-Nitrosodiphenylamine	ND		0.48	4.7
Naphthalene	ND		0.72	4.7
Nitrobenzene	ND		0.27	4.7
Pentachlorophenol	ND		2.1	9.4
Phenanthrene	ND		0.41	4.7
Phenol	ND		0.37	4.7
Pyrene	ND		0.32	4.7

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	90		39 - 146
2-Fluorobiphenyl	84		37 - 120
2-Fluorophenol	54		18 - 120
Nitrobenzene-d5	84		34 - 132
p-Terphenyl-d14	65		58 - 147
Phenol-d5	35		11 - 120

Analytical Data

Client: New York State D.E.C.

Job Number: 480-39120-1

Client Sample ID: SW-1

Lab Sample ID: 480-39120-3

Client Matrix: Water

Date Sampled: 05/29/2013 1155

Date Received: 05/29/2013 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	480-121443	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-121112	Lab File ID:	W001483.D
Dilution:	1.0			Initial Weight/Volume:	256.6 mL
Analysis Date:	05/31/2013 1913			Final Weight/Volume:	1 mL
Prep Date:	05/30/2013 0715			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Biphenyl	ND		0.64	4.9
bis (2-chloroisopropyl) ether	ND		0.51	4.9
2,4,5-Trichlorophenol	ND		0.47	4.9
2,4,6-Trichlorophenol	ND		0.59	4.9
2,4-Dichlorophenol	ND		0.50	4.9
2,4-Dimethylphenol	ND		0.49	4.9
2,4-Dinitrophenol	ND		2.2	9.7
2,4-Dinitrotoluene	ND		0.44	4.9
2,6-Dinitrotoluene	ND		0.39	4.9
2-Chloronaphthalene	ND		0.45	4.9
2-Chlorophenol	ND		0.52	4.9
2-Methylnaphthalene	ND		0.58	4.9
2-Methylphenol	ND		0.39	4.9
2-Nitroaniline	ND		0.41	9.7
2-Nitrophenol	ND		0.47	4.9
3,3'-Dichlorobenzidine	ND		0.39	4.9
3-Nitroaniline	ND		0.47	9.7
4,6-Dinitro-2-methylphenol	ND		2.1	9.7
4-Bromophenyl phenyl ether	ND		0.44	4.9
4-Chloro-3-methylphenol	ND		0.44	4.9
4-Chloroaniline	ND		0.57	4.9
4-Chlorophenyl phenyl ether	ND		0.34	4.9
4-Methylphenol	ND		0.35	9.7
4-Nitroaniline	ND		0.24	9.7
4-Nitrophenol	ND		1.5	9.7
Acenaphthene	ND		0.40	4.9
Acenaphthylene	ND		0.37	4.9
Acetophenone	ND		0.53	4.9
Anthracene	ND		0.27	4.9
Atrazine	ND		0.45	4.9
Benzaldehyde	3.3	J	0.26	4.9
Benzo(a)anthracene	ND		0.35	4.9
Benzo(a)pyrene	ND		0.46	4.9
Benzo(b)fluoranthene	ND		0.33	4.9
Benzo(g,h,i)perylene	ND		0.34	4.9
Benzo(k)fluoranthene	ND		0.71	4.9
Bis(2-chloroethoxy)methane	ND		0.34	4.9
Bis(2-chloroethyl)ether	1.0	J	0.39	4.9
Bis(2-ethylhexyl) phthalate	ND		1.8	4.9
Butyl benzyl phthalate	ND		0.41	4.9
Caprolactam	ND		2.1	4.9
Carbazole	ND		0.29	4.9
Chrysene	ND		0.32	4.9
Di-n-butyl phthalate	0.68	J B	0.30	4.9
Di-n-octyl phthalate	ND		0.46	4.9
Dibenz(a,h)anthracene	ND		0.41	4.9

Analytical Data

Client: New York State D.E.C.

Job Number: 480-39120-1

Client Sample ID: SW-1

Lab Sample ID: 480-39120-3

Client Matrix: Water

Date Sampled: 05/29/2013 1155

Date Received: 05/29/2013 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	480-121443	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-121112	Lab File ID:	W001483.D
Dilution:	1.0			Initial Weight/Volume:	256.6 mL
Analysis Date:	05/31/2013 1913			Final Weight/Volume:	1 mL
Prep Date:	05/30/2013 0715			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dibenzofuran	ND		0.50	9.7
Diethyl phthalate	ND		0.21	4.9
Dimethyl phthalate	ND		0.35	4.9
Fluoranthene	ND		0.39	4.9
Fluorene	ND		0.35	4.9
Hexachlorobenzene	ND		0.50	4.9
Hexachlorobutadiene	ND		0.66	0.49
Hexachlorocyclopentadiene	ND		0.57	4.9
Hexachloroethane	ND		0.57	4.9
Indeno(1,2,3-cd)pyrene	ND		0.46	4.9
Isophorone	ND		0.42	4.9
N-Nitrosodi-n-propylamine	ND		0.53	4.9
N-Nitrosodiphenylamine	ND		0.50	4.9
Naphthalene	ND		0.74	4.9
Nitrobenzene	ND		0.28	4.9
Pentachlorophenol	ND		2.1	9.7
Phenanthrene	ND		0.43	4.9
Phenol	ND		0.38	4.9
Pyrene	ND		0.33	4.9

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	88		39 - 146
2-Fluorobiphenyl	79		37 - 120
2-Fluorophenol	54		18 - 120
Nitrobenzene-d5	79		34 - 132
p-Terphenyl-d14	49	X	58 - 147
Phenol-d5	37		11 - 120

Analytical Data

Client: New York State D.E.C.

Job Number: 480-39120-1

Client Sample ID: SW-6

Lab Sample ID: 480-39120-4

Client Matrix: Water

Date Sampled: 05/29/2013 1210

Date Received: 05/29/2013 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	480-121443	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-121112	Lab File ID:	W001484.D
Dilution:	1.0			Initial Weight/Volume:	260.6 mL
Analysis Date:	05/31/2013 1941			Final Weight/Volume:	1 mL
Prep Date:	05/30/2013 0715			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Biphenyl	ND		0.63	4.8
bis (2-chloroisopropyl) ether	ND		0.50	4.8
2,4,5-Trichlorophenol	ND		0.46	4.8
2,4,6-Trichlorophenol	ND		0.59	4.8
2,4-Dichlorophenol	ND		0.49	4.8
2,4-Dimethylphenol	ND		0.48	4.8
2,4-Dinitrophenol	ND		2.1	9.6
2,4-Dinitrotoluene	ND		0.43	4.8
2,6-Dinitrotoluene	ND		0.38	4.8
2-Chloronaphthalene	ND		0.44	4.8
2-Chlorophenol	ND		0.51	4.8
2-Methylnaphthalene	ND		0.58	4.8
2-Methylphenol	ND		0.38	4.8
2-Nitroaniline	ND		0.40	9.6
2-Nitrophenol	ND		0.46	4.8
3,3'-Dichlorobenzidine	ND		0.38	4.8
3-Nitroaniline	ND		0.46	9.6
4,6-Dinitro-2-methylphenol	ND		2.1	9.6
4-Bromophenyl phenyl ether	ND		0.43	4.8
4-Chloro-3-methylphenol	ND		0.43	4.8
4-Chloroaniline	ND		0.57	4.8
4-Chlorophenyl phenyl ether	ND		0.34	4.8
4-Methylphenol	ND		0.35	9.6
4-Nitroaniline	ND		0.24	9.6
4-Nitrophenol	ND		1.5	9.6
Acenaphthene	ND		0.39	4.8
Acenaphthylene	ND		0.36	4.8
Acetophenone	ND		0.52	4.8
Anthracene	ND		0.27	4.8
Atrazine	ND		0.44	4.8
Benzaldehyde	1.0	J	0.26	4.8
Benzo(a)anthracene	ND		0.35	4.8
Benzo(a)pyrene	ND		0.45	4.8
Benzo(b)fluoranthene	ND		0.33	4.8
Benzo(g,h,i)perylene	ND		0.34	4.8
Benzo(k)fluoranthene	ND		0.70	4.8
Bis(2-chloroethoxy)methane	ND		0.34	4.8
Bis(2-chloroethyl)ether	ND		0.38	4.8
Bis(2-ethylhexyl) phthalate	ND		1.7	4.8
Butyl benzyl phthalate	ND		0.40	4.8
Caprolactam	ND		2.1	4.8
Carbazole	ND		0.29	4.8
Chrysene	ND		0.32	4.8
Di-n-butyl phthalate	0.52	J B	0.30	4.8
Di-n-octyl phthalate	ND		0.45	4.8
Dibenz(a,h)anthracene	ND		0.40	4.8

Analytical Data

Client: New York State D.E.C.

Job Number: 480-39120-1

Client Sample ID: SW-6

Lab Sample ID: 480-39120-4

Client Matrix: Water

Date Sampled: 05/29/2013 1210

Date Received: 05/29/2013 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	480-121443	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-121112	Lab File ID:	W001484.D
Dilution:	1.0			Initial Weight/Volume:	260.6 mL
Analysis Date:	05/31/2013 1941			Final Weight/Volume:	1 mL
Prep Date:	05/30/2013 0715			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dibenzofuran	ND		0.49	9.6
Diethyl phthalate	ND		0.21	4.8
Dimethyl phthalate	ND		0.35	4.8
Fluoranthene	ND		0.38	4.8
Fluorene	ND		0.35	4.8
Hexachlorobenzene	ND		0.49	4.8
Hexachlorobutadiene	ND		0.65	0.48
Hexachlorocyclopentadiene	ND		0.57	4.8
Hexachloroethane	ND		0.57	4.8
Indeno(1,2,3-cd)pyrene	ND		0.45	4.8
Isophorone	ND		0.41	4.8
N-Nitrosodi-n-propylamine	ND		0.52	4.8
N-Nitrosodiphenylamine	ND		0.49	4.8
Naphthalene	ND		0.73	4.8
Nitrobenzene	ND		0.28	4.8
Pentachlorophenol	ND		2.1	9.6
Phenanthrene	ND		0.42	4.8
Phenol	ND		0.37	4.8
Pyrene	ND		0.33	4.8

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	81		39 - 146
2-Fluorobiphenyl	80		37 - 120
2-Fluorophenol	56		18 - 120
Nitrobenzene-d5	85		34 - 132
p-Terphenyl-d14	54	X	58 - 147
Phenol-d5	36		11 - 120

Analytical Data

Client: New York State D.E.C.

Job Number: 480-39120-1

Client Sample ID: SW-2

Lab Sample ID: 480-39120-5

Client Matrix: Water

Date Sampled: 05/29/2013 1225

Date Received: 05/29/2013 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	480-121443	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-121112	Lab File ID:	W001485.D
Dilution:	1.0			Initial Weight/Volume:	267.7 mL
Analysis Date:	05/31/2013 2008			Final Weight/Volume:	1 mL
Prep Date:	05/30/2013 0715			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Biphenyl	ND		0.61	4.7
bis (2-chloroisopropyl) ether	ND		0.49	4.7
2,4,5-Trichlorophenol	ND		0.45	4.7
2,4,6-Trichlorophenol	ND		0.57	4.7
2,4-Dichlorophenol	ND		0.48	4.7
2,4-Dimethylphenol	ND		0.47	4.7
2,4-Dinitrophenol	ND		2.1	9.3
2,4-Dinitrotoluene	ND		0.42	4.7
2,6-Dinitrotoluene	ND		0.37	4.7
2-Chloronaphthalene	ND		0.43	4.7
2-Chlorophenol	ND		0.49	4.7
2-Methylnaphthalene	ND		0.56	4.7
2-Methylphenol	5.1		0.37	4.7
2-Nitroaniline	ND		0.39	9.3
2-Nitrophenol	ND		0.45	4.7
3,3'-Dichlorobenzidine	ND		0.37	4.7
3-Nitroaniline	ND		0.45	9.3
4,6-Dinitro-2-methylphenol	ND		2.1	9.3
4-Bromophenyl phenyl ether	ND		0.42	4.7
4-Chloro-3-methylphenol	ND		0.42	4.7
4-Chloroaniline	ND		0.55	4.7
4-Chlorophenyl phenyl ether	ND		0.33	4.7
4-Methylphenol	36		0.34	9.3
4-Nitroaniline	ND		0.23	9.3
4-Nitrophenol	ND		1.4	9.3
Acenaphthene	ND		0.38	4.7
Acenaphthylene	ND		0.35	4.7
Acetophenone	ND		0.50	4.7
Anthracene	ND		0.26	4.7
Atrazine	ND		0.43	4.7
Benzaldehyde	0.60	J	0.25	4.7
Benzo(a)anthracene	ND		0.34	4.7
Benzo(a)pyrene	ND		0.44	4.7
Benzo(b)fluoranthene	ND		0.32	4.7
Benzo(g,h,i)perylene	ND		0.33	4.7
Benzo(k)fluoranthene	ND		0.68	4.7
Bis(2-chloroethoxy)methane	ND		0.33	4.7
Bis(2-chloroethyl)ether	ND		0.37	4.7
Bis(2-ethylhexyl) phthalate	ND		1.7	4.7
Butyl benzyl phthalate	ND		0.39	4.7
Caprolactam	ND		2.1	4.7
Carbazole	ND		0.28	4.7
Chrysene	ND		0.31	4.7
Di-n-butyl phthalate	0.59	J B	0.29	4.7
Di-n-octyl phthalate	ND		0.44	4.7
Dibenz(a,h)anthracene	ND		0.39	4.7

Analytical Data

Client: New York State D.E.C.

Job Number: 480-39120-1

Client Sample ID: SW-2

Lab Sample ID: 480-39120-5

Client Matrix: Water

Date Sampled: 05/29/2013 1225

Date Received: 05/29/2013 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	480-121443	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-121112	Lab File ID:	W001485.D
Dilution:	1.0			Initial Weight/Volume:	267.7 mL
Analysis Date:	05/31/2013 2008			Final Weight/Volume:	1 mL
Prep Date:	05/30/2013 0715			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dibenzofuran	ND		0.48	9.3
Diethyl phthalate	ND		0.21	4.7
Dimethyl phthalate	ND		0.34	4.7
Fluoranthene	ND		0.37	4.7
Fluorene	ND		0.34	4.7
Hexachlorobenzene	ND		0.48	4.7
Hexachlorobutadiene	ND		0.64	0.47
Hexachlorocyclopentadiene	ND		0.55	4.7
Hexachloroethane	ND		0.55	4.7
Indeno(1,2,3-cd)pyrene	ND		0.44	4.7
Isophorone	ND		0.40	4.7
N-Nitrosodi-n-propylamine	ND		0.50	4.7
N-Nitrosodiphenylamine	ND		0.48	4.7
Naphthalene	ND		0.71	4.7
Nitrobenzene	ND		0.27	4.7
Pentachlorophenol	ND		2.1	9.3
Phenanthrene	ND		0.41	4.7
Phenol	0.73	J	0.36	4.7
Pyrene	ND		0.32	4.7

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	92		39 - 146
2-Fluorobiphenyl	86		37 - 120
2-Fluorophenol	56		18 - 120
Nitrobenzene-d5	79		34 - 132
p-Terphenyl-d14	53	X	58 - 147
Phenol-d5	37		11 - 120

Analytical Data

Client: New York State D.E.C.

Job Number: 480-39120-1

Client Sample ID: SW-3

Lab Sample ID: 480-39120-6

Client Matrix: Water

Date Sampled: 05/29/2013 1235

Date Received: 05/29/2013 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	480-121443	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-121112	Lab File ID:	W001486.D
Dilution:	1.0			Initial Weight/Volume:	271.8 mL
Analysis Date:	05/31/2013 2037			Final Weight/Volume:	1 mL
Prep Date:	05/30/2013 0715			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Biphenyl	ND		0.60	4.6
bis (2-chloroisopropyl) ether	ND		0.48	4.6
2,4,5-Trichlorophenol	ND		0.44	4.6
2,4,6-Trichlorophenol	ND		0.56	4.6
2,4-Dichlorophenol	ND		0.47	4.6
2,4-Dimethylphenol	ND		0.46	4.6
2,4-Dinitrophenol	ND		2.0	9.2
2,4-Dinitrotoluene	ND		0.41	4.6
2,6-Dinitrotoluene	ND		0.37	4.6
2-Chloronaphthalene	ND		0.42	4.6
2-Chlorophenol	ND		0.49	4.6
2-Methylnaphthalene	ND		0.55	4.6
2-Methylphenol	ND		0.37	4.6
2-Nitroaniline	ND		0.39	9.2
2-Nitrophenol	ND		0.44	4.6
3,3'-Dichlorobenzidine	ND		0.37	4.6
3-Nitroaniline	ND		0.44	9.2
4,6-Dinitro-2-methylphenol	ND		2.0	9.2
4-Bromophenyl phenyl ether	ND		0.41	4.6
4-Chloro-3-methylphenol	ND		0.41	4.6
4-Chloroaniline	ND		0.54	4.6
4-Chlorophenyl phenyl ether	ND		0.32	4.6
4-Methylphenol	ND		0.33	9.2
4-Nitroaniline	ND		0.23	9.2
4-Nitrophenol	ND		1.4	9.2
Acenaphthene	ND		0.38	4.6
Acenaphthylene	ND		0.35	4.6
Acetophenone	ND		0.50	4.6
Anthracene	ND		0.26	4.6
Atrazine	ND		0.42	4.6
Benzaldehyde	12		0.25	4.6
Benzo(a)anthracene	ND		0.33	4.6
Benzo(a)pyrene	ND		0.43	4.6
Benzo(b)fluoranthene	ND		0.31	4.6
Benzo(g,h,i)perylene	ND		0.32	4.6
Benzo(k)fluoranthene	ND		0.67	4.6
Bis(2-chloroethoxy)methane	ND		0.32	4.6
Bis(2-chloroethyl)ether	ND		0.37	4.6
Bis(2-ethylhexyl) phthalate	ND		1.7	4.6
Butyl benzyl phthalate	ND		0.39	4.6
Caprolactam	ND		2.0	4.6
Carbazole	ND		0.28	4.6
Chrysene	ND		0.30	4.6
Di-n-butyl phthalate	0.47	J B	0.29	4.6
Di-n-octyl phthalate	ND		0.43	4.6
Dibenz(a,h)anthracene	ND		0.39	4.6

Analytical Data

Client: New York State D.E.C.

Job Number: 480-39120-1

Client Sample ID: SW-3

Lab Sample ID: 480-39120-6

Client Matrix: Water

Date Sampled: 05/29/2013 1235

Date Received: 05/29/2013 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	480-121443	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-121112	Lab File ID:	W001486.D
Dilution:	1.0			Initial Weight/Volume:	271.8 mL
Analysis Date:	05/31/2013 2037			Final Weight/Volume:	1 mL
Prep Date:	05/30/2013 0715			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dibenzofuran	ND		0.47	9.2
Diethyl phthalate	ND		0.20	4.6
Dimethyl phthalate	ND		0.33	4.6
Fluoranthene	ND		0.37	4.6
Fluorene	ND		0.33	4.6
Hexachlorobenzene	ND		0.47	4.6
Hexachlorobutadiene	ND		0.63	0.46
Hexachlorocyclopentadiene	ND		0.54	4.6
Hexachloroethane	ND		0.54	4.6
Indeno(1,2,3-cd)pyrene	ND		0.43	4.6
Isophorone	ND		0.40	4.6
N-Nitrosodi-n-propylamine	ND		0.50	4.6
N-Nitrosodiphenylamine	ND		0.47	4.6
Naphthalene	ND		0.70	4.6
Nitrobenzene	ND		0.27	4.6
Pentachlorophenol	ND		2.0	9.2
Phenanthrene	ND		0.40	4.6
Phenol	ND		0.36	4.6
Pyrene	ND		0.31	4.6

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	97		39 - 146
2-Fluorobiphenyl	93		37 - 120
2-Fluorophenol	57		18 - 120
Nitrobenzene-d5	87		34 - 132
p-Terphenyl-d14	66		58 - 147
Phenol-d5	36		11 - 120

Analytical Data

Client: New York State D.E.C.

Job Number: 480-39120-1

Client Sample ID: SW-7

Lab Sample ID: 480-39120-7

Client Matrix: Water

Date Sampled: 05/29/2013 1250

Date Received: 05/29/2013 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	480-121443	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-121112	Lab File ID:	W001487.D
Dilution:	1.0			Initial Weight/Volume:	272.5 mL
Analysis Date:	05/31/2013 2104			Final Weight/Volume:	1 mL
Prep Date:	05/30/2013 0715			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Biphenyl	ND		0.60	4.6
bis (2-chloroisopropyl) ether	ND		0.48	4.6
2,4,5-Trichlorophenol	ND		0.44	4.6
2,4,6-Trichlorophenol	ND		0.56	4.6
2,4-Dichlorophenol	ND		0.47	4.6
2,4-Dimethylphenol	ND		0.46	4.6
2,4-Dinitrophenol	ND		2.0	9.2
2,4-Dinitrotoluene	ND		0.41	4.6
2,6-Dinitrotoluene	ND		0.37	4.6
2-Chloronaphthalene	ND		0.42	4.6
2-Chlorophenol	ND		0.49	4.6
2-Methylnaphthalene	ND		0.55	4.6
2-Methylphenol	1.2	J	0.37	4.6
2-Nitroaniline	ND		0.39	9.2
2-Nitrophenol	ND		0.44	4.6
3,3'-Dichlorobenzidine	ND		0.37	4.6
3-Nitroaniline	ND		0.44	9.2
4,6-Dinitro-2-methylphenol	ND		2.0	9.2
4-Bromophenyl phenyl ether	ND		0.41	4.6
4-Chloro-3-methylphenol	ND		0.41	4.6
4-Chloroaniline	ND		0.54	4.6
4-Chlorophenyl phenyl ether	ND		0.32	4.6
4-Methylphenol	1.0	J	0.33	9.2
4-Nitroaniline	ND		0.23	9.2
4-Nitrophenol	ND		1.4	9.2
Acenaphthene	ND		0.38	4.6
Acenaphthylene	ND		0.35	4.6
Acetophenone	ND		0.50	4.6
Anthracene	ND		0.26	4.6
Atrazine	ND		0.42	4.6
Benzaldehyde	6.0		0.24	4.6
Benzo(a)anthracene	ND		0.33	4.6
Benzo(a)pyrene	ND		0.43	4.6
Benzo(b)fluoranthene	ND		0.31	4.6
Benzo(g,h,i)perylene	ND		0.32	4.6
Benzo(k)fluoranthene	ND		0.67	4.6
Bis(2-chloroethoxy)methane	ND		0.32	4.6
Bis(2-chloroethyl)ether	ND		0.37	4.6
Bis(2-ethylhexyl) phthalate	ND		1.7	4.6
Butyl benzyl phthalate	ND		0.39	4.6
Caprolactam	ND		2.0	4.6
Carbazole	ND		0.28	4.6
Chrysene	ND		0.30	4.6
Di-n-butyl phthalate	0.39	J B	0.28	4.6
Di-n-octyl phthalate	ND		0.43	4.6
Dibenz(a,h)anthracene	ND		0.39	4.6

Analytical Data

Client: New York State D.E.C.

Job Number: 480-39120-1

Client Sample ID: SW-7

Lab Sample ID: 480-39120-7

Date Sampled: 05/29/2013 1250

Client Matrix: Water

Date Received: 05/29/2013 1430

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	480-121443	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-121112	Lab File ID:	W001487.D
Dilution:	1.0			Initial Weight/Volume:	272.5 mL
Analysis Date:	05/31/2013 2104			Final Weight/Volume:	1 mL
Prep Date:	05/30/2013 0715			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dibenzofuran	ND		0.47	9.2
Diethyl phthalate	ND		0.20	4.6
Dimethyl phthalate	ND		0.33	4.6
Fluoranthene	ND		0.37	4.6
Fluorene	ND		0.33	4.6
Hexachlorobenzene	ND		0.47	4.6
Hexachlorobutadiene	ND		0.62	0.46
Hexachlorocyclopentadiene	ND		0.54	4.6
Hexachloroethane	ND		0.54	4.6
Indeno(1,2,3-cd)pyrene	ND		0.43	4.6
Isophorone	ND		0.39	4.6
N-Nitrosodi-n-propylamine	ND		0.50	4.6
N-Nitrosodiphenylamine	ND		0.47	4.6
Naphthalene	ND		0.70	4.6
Nitrobenzene	ND		0.27	4.6
Pentachlorophenol	ND		2.0	9.2
Phenanthrene	ND		0.40	4.6
Phenol	ND		0.36	4.6
Pyrene	ND		0.31	4.6

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	84		39 - 146
2-Fluorobiphenyl	79		37 - 120
2-Fluorophenol	52		18 - 120
Nitrobenzene-d5	76		34 - 132
p-Terphenyl-d14	59		58 - 147
Phenol-d5	33		11 - 120

Analytical Data

Client: New York State D.E.C.

Job Number: 480-39120-1

Client Sample ID: SW-4

Lab Sample ID: 480-39120-1

Client Matrix: Water

Date Sampled: 05/29/2013 1130

Date Received: 05/29/2013 1430

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	480-121710	Instrument ID:	HP6890-25
Prep Method:	3510C	Prep Batch:	480-121378	Initial Weight/Volume:	263.9 mL
Dilution:	20			Final Weight/Volume:	2 mL
Analysis Date:	06/03/2013 1210			Injection Volume:	1 uL
Prep Date:	05/31/2013 0726			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	ND		0.17	0.95
4,4'-DDE	ND		0.22	0.95
4,4'-DDT	ND		0.21	0.95
Aldrin	ND		0.13	0.95
alpha-BHC	ND		0.13	0.95
alpha-Chlordane	ND		0.28	0.95
beta-BHC	ND		0.47	0.95
delta-BHC	ND		0.19	0.95
Dieldrin	ND		0.19	0.95
Endosulfan I	ND		0.21	0.95
Endosulfan II	ND		0.23	0.95
Endosulfan sulfate	ND		0.30	0.95
Endrin	ND		0.26	0.95
Endrin aldehyde	ND		0.31	0.95
Endrin ketone	ND		0.23	0.95
gamma-BHC (Lindane)	ND		0.11	0.95
gamma-Chlordane	ND		0.21	0.95
Heptachlor	ND		0.16	0.95
Heptachlor epoxide	ND		0.10	0.95
Methoxychlor	ND		0.27	0.95
Toxaphene	ND		2.3	9.5
Surrogate	%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl	0	X	20 - 120	
Tetrachloro-m-xylene	0	X	36 - 120	

Analytical Data

Client: New York State D.E.C.

Job Number: 480-39120-1

Client Sample ID: SW-5

Lab Sample ID: 480-39120-2

Date Sampled: 05/29/2013 1140

Client Matrix: Water

Date Received: 05/29/2013 1430

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	480-121710	Instrument ID:	HP6890-25
Prep Method:	3510C	Prep Batch:	480-121378	Initial Weight/Volume:	259.5 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	06/03/2013 1229			Injection Volume:	1 uL
Prep Date:	05/31/2013 0726			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	ND		0.0089	0.048
4,4'-DDE	0.013	J	0.011	0.048
4,4'-DDT	ND		0.011	0.048
Aldrin	ND		0.0064	0.048
alpha-BHC	0.012	J	0.0064	0.048
alpha-Chlordane	ND		0.014	0.048
beta-BHC	ND		0.024	0.048
delta-BHC	ND		0.0096	0.048
Dieldrin	ND		0.0094	0.048
Endosulfan I	ND		0.011	0.048
Endosulfan II	ND		0.012	0.048
Endosulfan sulfate	ND		0.015	0.048
Endrin	ND		0.013	0.048
Endrin aldehyde	ND		0.016	0.048
Endrin ketone	ND		0.012	0.048
gamma-BHC (Lindane)	ND		0.0058	0.048
gamma-Chlordane	0.021	J	0.011	0.048
Heptachlor	ND		0.0082	0.048
Heptachlor epoxide	ND		0.0051	0.048
Methoxychlor	ND		0.014	0.048
Toxaphene	ND		0.12	0.48
Surrogate	%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl	20		20 - 120	
Tetrachloro-m-xylene	68		36 - 120	

Analytical Data

Client: New York State D.E.C.

Job Number: 480-39120-1

Client Sample ID: SW-1

Lab Sample ID: 480-39120-3

Client Matrix: Water

Date Sampled: 05/29/2013 1155

Date Received: 05/29/2013 1430

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	480-121710	Instrument ID:	HP6890-25
Prep Method:	3510C	Prep Batch:	480-121378	Initial Weight/Volume:	246.8 mL
Dilution:	20			Final Weight/Volume:	2 mL
Analysis Date:	06/03/2013 1247			Injection Volume:	1 uL
Prep Date:	05/31/2013 0726			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	ND		0.19	1.0
4,4'-DDE	ND		0.24	1.0
4,4'-DDT	ND		0.22	1.0
Aldrin	ND		0.13	1.0
alpha-BHC	ND		0.13	1.0
alpha-Chlordane	ND		0.30	1.0
beta-BHC	ND		0.50	1.0
delta-BHC	ND		0.20	1.0
Dieldrin	ND		0.20	1.0
Endosulfan I	ND		0.22	1.0
Endosulfan II	ND		0.24	1.0
Endosulfan sulfate	ND		0.32	1.0
Endrin	ND		0.28	1.0
Endrin aldehyde	ND		0.33	1.0
Endrin ketone	ND		0.24	1.0
gamma-BHC (Lindane)	ND		0.12	1.0
gamma-Chlordane	ND		0.22	1.0
Heptachlor	ND		0.17	1.0
Heptachlor epoxide	ND		0.11	1.0
Methoxychlor	ND		0.29	1.0
Toxaphene	ND		2.4	10
Surrogate	%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl	0	X	20 - 120	
Tetrachloro-m-xylene	0	X	36 - 120	

Analytical Data

Client: New York State D.E.C.

Job Number: 480-39120-1

Client Sample ID: SW-6

Lab Sample ID: 480-39120-4

Client Matrix: Water

Date Sampled: 05/29/2013 1210

Date Received: 05/29/2013 1430

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	480-121710	Instrument ID:	HP6890-25
Prep Method:	3510C	Prep Batch:	480-121378	Initial Weight/Volume:	264.1 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	06/03/2013 1305			Injection Volume:	1 uL
Prep Date:	05/31/2013 0726			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	ND		0.0087	0.047
4,4'-DDE	ND		0.011	0.047
4,4'-DDT	ND		0.010	0.047
Aldrin	ND		0.0062	0.047
alpha-BHC	ND		0.0062	0.047
alpha-Chlordane	ND		0.014	0.047
beta-BHC	ND		0.023	0.047
delta-BHC	ND		0.0095	0.047
Dieldrin	ND		0.0093	0.047
Endosulfan I	ND		0.010	0.047
Endosulfan II	ND		0.011	0.047
Endosulfan sulfate	ND		0.015	0.047
Endrin	ND		0.013	0.047
Endrin aldehyde	ND		0.015	0.047
Endrin ketone	ND		0.011	0.047
gamma-BHC (Lindane)	ND		0.0057	0.047
gamma-Chlordane	ND		0.010	0.047
Heptachlor	ND		0.0080	0.047
Heptachlor epoxide	ND		0.0050	0.047
Methoxychlor	ND		0.013	0.047
Toxaphene	ND		0.11	0.47
Surrogate	%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl	23		20 - 120	
Tetrachloro-m-xylene	71		36 - 120	

Analytical Data

Client: New York State D.E.C.

Job Number: 480-39120-1

Client Sample ID: SW-2

Lab Sample ID: 480-39120-5

Date Sampled: 05/29/2013 1225

Client Matrix: Water

Date Received: 05/29/2013 1430

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	480-121710	Instrument ID:	HP6890-25
Prep Method:	3510C	Prep Batch:	480-121378	Initial Weight/Volume:	260.2 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	06/03/2013 1323			Injection Volume:	1 uL
Prep Date:	05/31/2013 0726			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	ND		0.0088	0.048
4,4'-DDE	ND		0.011	0.048
4,4'-DDT	ND		0.011	0.048
Aldrin	0.0072	J	0.0063	0.048
alpha-BHC	0.016	J	0.0063	0.048
alpha-Chlordane	ND		0.014	0.048
beta-BHC	ND		0.024	0.048
delta-BHC	ND		0.0096	0.048
Dieldrin	0.011	J	0.0094	0.048
Endosulfan I	ND		0.011	0.048
Endosulfan II	ND		0.012	0.048
Endosulfan sulfate	ND		0.015	0.048
Endrin	ND		0.013	0.048
Endrin aldehyde	ND		0.016	0.048
Endrin ketone	ND		0.012	0.048
gamma-BHC (Lindane)	0.012	J	0.0058	0.048
gamma-Chlordane	0.33		0.011	0.048
Heptachlor	ND		0.0082	0.048
Heptachlor epoxide	ND		0.0051	0.048
Methoxychlor	ND		0.014	0.048
Toxaphene	ND		0.12	0.48
Surrogate	%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl	24		20 - 120	
Tetrachloro-m-xylene	71		36 - 120	

Analytical Data

Client: New York State D.E.C.

Job Number: 480-39120-1

Client Sample ID: SW-3

Lab Sample ID: 480-39120-6

Client Matrix: Water

Date Sampled: 05/29/2013 1235

Date Received: 05/29/2013 1430

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	480-121710	Instrument ID:	HP6890-25
Prep Method:	3510C	Prep Batch:	480-121378	Initial Weight/Volume:	272.1 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	06/03/2013 1341			Injection Volume:	1 uL
Prep Date:	05/31/2013 0726			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	ND		0.0085	0.046
4,4'-DDE	ND		0.011	0.046
4,4'-DDT	ND		0.010	0.046
Aldrin	ND		0.0061	0.046
alpha-BHC	0.024	J	0.0061	0.046
alpha-Chlordane	ND		0.014	0.046
beta-BHC	0.042	J	0.023	0.046
delta-BHC	ND		0.0092	0.046
Dieldrin	ND		0.0090	0.046
Endosulfan I	ND		0.010	0.046
Endosulfan II	ND		0.011	0.046
Endosulfan sulfate	ND		0.014	0.046
Endrin	ND		0.013	0.046
Endrin aldehyde	ND		0.015	0.046
Endrin ketone	ND		0.011	0.046
gamma-BHC (Lindane)	0.019	J	0.0055	0.046
gamma-Chlordane	ND		0.010	0.046
Heptachlor	ND		0.0078	0.046
Heptachlor epoxide	0.024	J	0.0049	0.046
Methoxychlor	ND		0.013	0.046
Toxaphene	ND		0.11	0.46
Surrogate	%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl	22		20 - 120	
Tetrachloro-m-xylene	70		36 - 120	

Analytical Data

Client: New York State D.E.C.

Job Number: 480-39120-1

Client Sample ID: SW-7

Lab Sample ID: 480-39120-7

Client Matrix: Water

Date Sampled: 05/29/2013 1250

Date Received: 05/29/2013 1430

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	480-121710	Instrument ID:	HP6890-25
Prep Method:	3510C	Prep Batch:	480-121378	Initial Weight/Volume:	265.2 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	06/03/2013 1358			Injection Volume:	1 uL
Prep Date:	05/31/2013 0726			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	ND		0.0087	0.047
4,4'-DDE	ND		0.011	0.047
4,4'-DDT	ND		0.010	0.047
Aldrin	ND		0.0062	0.047
alpha-BHC	0.010	J	0.0062	0.047
alpha-Chlordane	ND		0.014	0.047
beta-BHC	ND		0.023	0.047
delta-BHC	ND		0.0094	0.047
Dieldrin	ND		0.0092	0.047
Endosulfan I	ND		0.010	0.047
Endosulfan II	ND		0.011	0.047
Endosulfan sulfate	ND		0.015	0.047
Endrin	ND		0.013	0.047
Endrin aldehyde	ND		0.015	0.047
Endrin ketone	ND		0.011	0.047
gamma-BHC (Lindane)	0.015	J	0.0057	0.047
gamma-Chlordane	ND		0.010	0.047
Heptachlor	ND		0.0080	0.047
Heptachlor epoxide	ND		0.0050	0.047
Methoxychlor	ND		0.013	0.047
Toxaphene	ND		0.11	0.47
Surrogate	%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl	17	X	20 - 120	
Tetrachloro-m-xylene	62		36 - 120	

Analytical Data

Client: New York State D.E.C.

Job Number: 480-39120-1

Client Sample ID: SW-4

Lab Sample ID: 480-39120-1

Date Sampled: 05/29/2013 1130

Client Matrix: Water

Date Received: 05/29/2013 1430

8151A Herbicidas (GC)

Analysis Method:	8151A	Analysis Batch:	480-121704	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-121371	Initial Weight/Volume:	1028 mL
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/03/2013 1829			Injection Volume:	1 uL
Prep Date:	05/31/2013 0536			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,5-T	ND		0.14	0.49
Silvex (2,4,5-TP)	ND		0.35	0.49
2,4-D	ND		0.39	0.49

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	130		40 - 135

Analytical Data

Client: New York State D.E.C.

Job Number: 480-39120-1

Client Sample ID: SW-5

Lab Sample ID: 480-39120-2

Date Sampled: 05/29/2013 1140

Client Matrix: Water

Date Received: 05/29/2013 1430

8151A Herbicidas (GC)

Analysis Method:	8151A	Analysis Batch:	480-121704	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-121371	Initial Weight/Volume:	1048.2 mL
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/03/2013 1859			Injection Volume:	1 uL
Prep Date:	05/31/2013 0536			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,5-T	ND		0.14	0.48
Silvex (2,4,5-TP)	ND		0.34	0.48
2,4-D	ND		0.38	0.48

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	128		40 - 135

Analytical Data

Client: New York State D.E.C.

Job Number: 480-39120-1

Client Sample ID: SW-1

Lab Sample ID: 480-39120-3

Date Sampled: 05/29/2013 1155

Client Matrix: Water

Date Received: 05/29/2013 1430

8151A Herbicidas (GC)

Analysis Method:	8151A	Analysis Batch:	480-121704	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-121371	Initial Weight/Volume:	1054.5 mL
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/03/2013 1928			Injection Volume:	1 uL
Prep Date:	05/31/2013 0536			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,5-T	ND		0.14	0.47
Silvex (2,4,5-TP)	ND		0.34	0.47
2,4-D	ND		0.38	0.47

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	135		40 - 135

Analytical Data

Client: New York State D.E.C.

Job Number: 480-39120-1

Client Sample ID: SW-6

Lab Sample ID: 480-39120-4

Date Sampled: 05/29/2013 1210

Client Matrix: Water

Date Received: 05/29/2013 1430

8151A Herbicidas (GC)

Analysis Method:	8151A	Analysis Batch:	480-121704	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-121371	Initial Weight/Volume:	1025.4 mL
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/03/2013 1958			Injection Volume:	1 uL
Prep Date:	05/31/2013 0536			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,5-T	ND		0.15	0.49
Silvex (2,4,5-TP)	ND		0.35	0.49
2,4-D	ND		0.39	0.49

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	219	X	40 - 135

Analytical Data

Client: New York State D.E.C.

Job Number: 480-39120-1

Client Sample ID: SW-2

Lab Sample ID: 480-39120-5

Date Sampled: 05/29/2013 1225

Client Matrix: Water

Date Received: 05/29/2013 1430

8151A Herbicidas (GC)

Analysis Method:	8151A	Analysis Batch:	480-121704	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-121371	Initial Weight/Volume:	1047.7 mL
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/04/2013 0801			Injection Volume:	1 uL
Prep Date:	05/31/2013 0536			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,5-T	ND		0.14	0.48
Silvex (2,4,5-TP)	ND		0.34	0.48
2,4-D	ND		0.38	0.48

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	130		40 - 135

Analytical Data

Client: New York State D.E.C.

Job Number: 480-39120-1

Client Sample ID: SW-3

Lab Sample ID: 480-39120-6

Date Sampled: 05/29/2013 1235

Client Matrix: Water

Date Received: 05/29/2013 1430

8151A Herbicidas (GC)

Analysis Method:	8151A	Analysis Batch:	480-121704	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-121371	Initial Weight/Volume:	1059.1 mL
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/04/2013 0830			Injection Volume:	1 uL
Prep Date:	05/31/2013 0536			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,5-T	ND		0.14	0.47
Silvex (2,4,5-TP)	ND		0.34	0.47
2,4-D	ND		0.38	0.47

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	132		40 - 135

Analytical Data

Client: New York State D.E.C.

Job Number: 480-39120-1

Client Sample ID: SW-7

Lab Sample ID: 480-39120-7

Date Sampled: 05/29/2013 1250

Client Matrix: Water

Date Received: 05/29/2013 1430

8151A Herbicidas (GC)

Analysis Method:	8151A	Analysis Batch:	480-121704	Instrument ID:	HP5890-13
Prep Method:	8151A	Prep Batch:	480-121371	Initial Weight/Volume:	1056.7 mL
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	06/04/2013 0900			Injection Volume:	1 uL
Prep Date:	05/31/2013 0536			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,5-T	ND		0.14	0.47
Silvex (2,4,5-TP)	ND		0.34	0.47
2,4-D	ND		0.38	0.47

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	121		40 - 135

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-39120-1

SDG No.: _____

Matrix: Water Level: Low

GC Column (1): RXI-5Sil MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
SW-4	480-39120-1	55	37	83	85	87	53 X
SW-5	480-39120-2	54	35	84	84	90	65
SW-1	480-39120-3	54	37	79	79	88	49 X
SW-6	480-39120-4	56	36	85	80	81	54 X
SW-2	480-39120-5	56	37	79	86	92	53 X
SW-3	480-39120-6	57	36	87	93	97	66
SW-7	480-39120-7	52	33	76	79	84	59
	MB 480-121112/1-A	54	37	75	75	79	80
	LCS 480-121112/2-A	52	39	76	80	89	82

	<u>QC LIMITS</u>
2FP = 2-Fluorophenol	18-120
PHL = Phenol-d5	11-120
NBZ = Nitrobenzene-d5	34-132
FBP = 2-Fluorobiphenyl	37-120
TBP = 2,4,6-Tribromophenol	39-146
TPH = p-Terphenyl-d14	58-147

Column to be used to flag recovery values

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-39120-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 480-121112/1-A

Matrix: Water Lab File ID: W001469.D

Analysis Method: 8270C Date Collected: _____

Extract. Method: 3510C Date Extracted: 05/30/2013 07:15

Sample wt/vol: 250 (mL) Date Analyzed: 05/31/2013 12:45

Con. Extract Vol.: 1 (mL) Dilution Factor: 1

Injection Volume: 1 (uL) Level: (low/med) Low

% Moisture: _____ GPC Cleanup: (Y/N) N

Analysis Batch No.: 121443 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
191-24-2	Benzo(g,h,i)perylene	ND		5.0	0.35
207-08-9	Benzo(k)fluoranthene	ND		5.0	0.73
111-91-1	Bis(2-chloroethoxy)methane	ND		5.0	0.35
111-44-4	Bis(2-chloroethyl)ether	ND		5.0	0.40
117-81-7	Bis(2-ethylhexyl) phthalate	ND		5.0	1.8
85-68-7	Butyl benzyl phthalate	ND		5.0	0.42
105-60-2	Caprolactam	ND		5.0	2.2
86-74-8	Carbazole	ND		5.0	0.30
218-01-9	Chrysene	ND		5.0	0.33
84-74-2	Di-n-butyl phthalate	0.642	J	5.0	0.31
117-84-0	Di-n-octyl phthalate	ND		5.0	0.47
53-70-3	Dibenz(a,h)anthracene	ND		5.0	0.42
132-64-9	Dibenzofuran	ND		10	0.51
84-66-2	Diethyl phthalate	ND		5.0	0.22
131-11-3	Dimethyl phthalate	ND		5.0	0.36
206-44-0	Fluoranthene	ND		5.0	0.40
86-73-7	Fluorene	ND		5.0	0.36
118-74-1	Hexachlorobenzene	ND		5.0	0.51
87-68-3	Hexachlorobutadiene	ND		0.50	0.68
77-47-4	Hexachlorocyclopentadiene	ND		5.0	0.59
67-72-1	Hexachloroethane	ND		5.0	0.59
193-39-5	Indeno(1,2,3-cd)pyrene	ND		5.0	0.47
78-59-1	Isophorone	ND		5.0	0.43
621-64-7	N-Nitrosodi-n-propylamine	ND		5.0	0.54
86-30-6	N-Nitrosodiphenylamine	ND		5.0	0.51
91-20-3	Naphthalene	ND		5.0	0.76
98-95-3	Nitrobenzene	ND		5.0	0.29
87-86-5	Pentachlorophenol	ND		10	2.2
85-01-8	Phenanthrene	0.484	J	5.0	0.44
108-95-2	Phenol	ND		5.0	0.39
129-00-0	Pyrene	ND		5.0	0.34

FORM II
PESTICIDES SURROGATE RECOVERY

Lab Name: TestAmerica Buffalo Job No.: 480-39120-1

SDG No.: _____

Matrix: Water Level: Low

GC Column (2): RTX-CLPII ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	TCX2	#	DCB2	#
SW-4	480-39120-1	0	X	0	X
SW-5	480-39120-2	68		20	
SW-1	480-39120-3	0	X	0	X
SW-6	480-39120-4	71		23	
SW-2	480-39120-5	71		24	
SW-3	480-39120-6	70		22	
SW-7	480-39120-7	62		17	X
	MB 480-121378/1-A	78		38	
	LCS 480-121378/2-A	91		40	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

QC LIMITS
36-120
20-120

Column to be used to flag recovery values

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP6890-25\20130603-22183.b\25_52105.D
 Lims ID: 480-39120-F-2-A Client ID: SW-5
 Inject. Date: 03-Jun-2013 12:29:16 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: Name:
 Misc. Info.: Study: Channel B: I/F Serial#, CN10839003
 Operator: tchrom Instrument ID: HP6890-25
 Injection Vol: 1.0 ul ALS Bottle#: 0
 Lims Batch ID: 121710 Lims Sample ID: 7
 Detector 1 : Ch-A-6A58132
 Detector 2 : Ch-B-6b58132
 Method: \\Bufchrom\ChromData\HP6890-25\20130603-22183.b\8081-25.m
 Last Update: 06-Jun-2013 15:03:40 Calib Date: 29-May-2013 16:08:04
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP6890-25\20130529-22075.b\25_52069.D
 Limit Group: GC - 8081A ICAL
 Integrator: Falcon
 Column Type: Column Dia:
 Process Host: XAWRK006

First Level Reviewer: WolfL

Date: 06-Jun-2013 14:40:26

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags	
\$ 4 Tetrachloro-m-xylene										M
1	1	2.257	2.263	-0.006	1194614	0.009673			M	
2	2	2.577	2.573	0.004	184738	0.0136				
							RPD = 33.59			
6 alpha-BHC										M
1	1	2.637	2.650	-0.013	86637	0.000725			M	
2	2	3.063	3.063	0.000	14408	0.001613				
							RPD = 75.93			
16 gamma-Chlordane										M
1	1	4.190	4.207	-0.017	614920	0.003544			M	
2	2	4.930	4.933	-0.003	35514	0.002744				
							RPD = 25.44			
17 alpha-Chlordane										
1	1	4.333	4.340	-0.007	104727	0.000586				
2	2	5.097	5.090	0.007	2506	0.000924				
							RPD = 44.73			
18 4,4'-DDE										
1	1	4.427	4.427	0.000	420236	0.002420				
2	2	5.233	5.267	-0.034	17143	0.001749				
							RPD = 32.18			

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP6890-25\20130603-22183.b\25_52108.D
 Lims ID: 480-39120-F-5-A Client ID: SW-2
 Inject. Date: 03-Jun-2013 13:23:28 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: Name:
 Misc. Info.: Study: Channel B: I/F Serial#, CN10839003
 Operator: tchrom Instrument ID: HP6890-25
 Injection Vol: 1.0 ul ALS Bottle#: 0
 Lims Batch ID: 121710 Lims Sample ID: 10
 Detector 1 : Ch-A-6A58132
 Detector 2 : Ch-B-6b58132
 Method: \\Bufchrom\ChromData\HP6890-25\20130603-22183.b\8081-25.m
 Last Update: 06-Jun-2013 15:03:40 Calib Date: 29-May-2013 16:08:04
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP6890-25\20130529-22075.b\25_52069.D
 Limit Group: GC - 8081A ICAL
 Integrator: Falcon
 Column Type: Column Dia:
 Process Host: XAWRK006

First Level Reviewer: WolfL

Date: 06-Jun-2013 14:49:24

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags	
\$ 4 Tetrachloro-m-xylene										M
1	1	2.253	2.263	-0.010	1220830	0.009890			M	
2	2	2.577	2.573	0.004	194347	0.0143				
						RPD = 36.18				
6 alpha-BHC										M
1	1	2.640	2.650	-0.010	186976	0.001210			M	
2	2	3.060	3.063	-0.003	24876	0.002063			M	
						RPD = 52.09				
7 gamma-BHC (Lindane)										M
1	1	2.903	2.887	0.016	151544	0.001017			M	
2	2	3.380	3.377	0.003	13257	0.001575				
						RPD = 43.09				
8 beta-BHC										M
1	1	2.963	2.953	0.010	377589	0.004751			M	
2	2	3.447	3.447	0.000	13211	0.001829				
						RPD = 88.82				
11 Heptachlor										M
1	1	3.253	3.263	-0.010	268013	0.000587			M	
2	2	3.783	3.803	-0.020	1850	0.000661				
						RPD = 11.89				
12 Aldrin										M
1	1	3.517	3.520	-0.003	328817	0.001613				
2	2	4.140	4.137	0.003	59	0.000937			M	
						RPD = 52.96				
16 gamma-Chlordane										
1	1	4.180	4.207	-0.027	473618	0.002694			M	
2	2	4.903	4.933	-0.030	823144	0.0425				
						RPD = 176.13				

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP6890-25\20130603-22183.b\25_52109.D
 Lims ID: 480-39120-E-6-A Client ID: SW-3
 Inject. Date: 03-Jun-2013 13:41:07 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: Name:
 Misc. Info.: Study: Channel B: I/F Serial#, CN10839003
 Operator: tchrom Instrument ID: HP6890-25
 Injection Vol: 1.0 ul ALS Bottle#: 0
 Lims Batch ID: 121710 Lims Sample ID: 11
 Detector 1 : Ch-A-6A58132
 Detector 2 : Ch-B-6b58132
 Method: \\Bufchrom\ChromData\HP6890-25\20130603-22183.b\8081-25.m
 Last Update: 06-Jun-2013 15:03:40 Calib Date: 29-May-2013 16:08:04
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP6890-25\20130529-22075.b\25_52069.D
 Limit Group: GC - 8081A ICAL
 Integrator: Falcon
 Column Type: Column Dia:
 Process Host: XAWRK006

First Level Reviewer: WolfL

Date: 06-Jun-2013 14:56:38

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
\$ 4 Tetrachloro-m-xylene									
1	1	2.253	2.263	-0.010	1288797	0.0105			M
2	2	2.577	2.573	0.004	190403	0.0140			M
RPD = 28.88									
6 alpha-BHC									
1	1	2.637	2.650	-0.013	758340	0.003972			M
2	2	3.060	3.063	-0.003	52493	0.003249			M
RPD = 20.01									
7 gamma-BHC (Lindane)									
1	1	2.900	2.887	0.013	201601	0.001285			M
2	2	3.380	3.377	0.003	34294	0.002557			M
RPD = 66.21									
8 beta-BHC									
1	1	2.960	2.953	0.007	560911	0.007281			M
2	2	3.443	3.447	-0.004	46020	0.005669			M
RPD = 24.89									
9 delta-BHC									
1	1	3.087	3.087	0.000	96026	0.000516			M
2	2	3.703	3.727	-0.024	23424	0.001962			M
RPD = 116.68									
11 Heptachlor									
1	1	3.250	3.263	-0.013	265687	0.000572			M
2	2	3.783	3.803	-0.020	11545	0.001138			M
RPD = 66.22									
12 Aldrin									
1	1	3.503	3.520	-0.017	158864	0.000579			M
2	2	4.133	4.137	-0.004	3830	0.001125			M
RPD = 64.06									

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
14 Heptachlor epoxide									M
1	1	4.070	4.083	-0.013	428750	0.001727			M
2	2	4.743	4.733	0.010	51397	0.003259			
						RPD = 61.48			
18 4,4'-DDE									M
1	1	4.433	4.427	0.006	489637	0.002858			M
2	2	5.283	5.267	0.016	8692	0.001310			
						RPD = 74.26			
21 Dieldrin									M
1	1	4.680	4.713	-0.033	259883	0.000598			M
2	2	5.403	5.437	-0.034	13104	0.001476			
						RPD = 84.69			
23 Endrin									
1	1	4.947	4.953	-0.006	750594	0.003858			
2	2	5.760	5.760	0.000	6481	0.001050			
						RPD = 114.41			
24 4,4'-DDD									M
1	1	5.023	5.030	-0.007	235681	0.001034			M
2	2	5.873	5.870	0.003	682	0.001080			
						RPD = 4.38			
29 Endrin aldehyde									M
1	1	5.580	5.597	-0.017	252207	0.001260			M
2	2	6.313	6.320	-0.007	7789	0.000917			
						RPD = 31.56			
\$ 34 DCB Decachlorobiphenyl									M
1	1	7.343	7.357	-0.014	369001	0.003385			M
2	2	8.377	8.383	-0.006	71222	0.004428			
						RPD = 26.69			

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Buffalo
Target Compound Quantitation Report

Data File: \\Bufchrom\ChromData\HP6890-25\20130603-22183.b\25_52110.D
 Lims ID: 480-39120-E-7-A Client ID: SW-7
 Inject. Date: 03-Jun-2013 13:58:49 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: Name:
 Misc. Info.: Study: Channel B: I/F Serial#, CN10839003
 Operator: tchrom Instrument ID: HP6890-25
 Injection Vol: 1.0 ul ALS Bottle#: 0
 Lims Batch ID: 121710 Lims Sample ID: 12
 Detector 1 : Ch-A-6A58132
 Detector 2 : Ch-B-6b58132
 Method: \\Bufchrom\ChromData\HP6890-25\20130603-22183.b\8081-25.m
 Last Update: 06-Jun-2013 15:03:40 Calib Date: 29-May-2013 16:08:04
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\Bufchrom\ChromData\HP6890-25\20130529-22075.b\25_52069.D
 Limit Group: GC - 8081A ICAL
 Integrator: Falcon
 Column Type: Column Dia:
 Process Host: XAWRK006

First Level Reviewer: WolfL

Date: 06-Jun-2013 15:02:36

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags	
\$ 4 Tetrachloro-m-xylene										M
1	1	2.250	2.263	-0.013	1048660	0.008467			M	
2	2	2.573	2.573	0.000	167789	0.0124				
							RPD = 37.52			
6 alpha-BHC										M
1	1	2.630	2.650	-0.020	190047	0.001225			M	
2	2	3.060	3.063	-0.003	9151	0.001388				
							RPD = 12.44			
7 gamma-BHC (Lindane)										M
1	1	2.897	2.887	0.010	114238	0.000817			M	
2	2	3.377	3.377	0.000	22907	0.002026				
							RPD = 85.07			
8 beta-BHC										M
1	1	2.957	2.953	0.004	335352	0.004168			M	
2	2	3.443	3.447	-0.004	10131	0.001468				
							RPD = 95.79			
11 Heptachlor										M
1	1	3.250	3.263	-0.013	450731	0.001731			M	
2	2	3.783	3.803	-0.020	2440	0.000690				
							RPD = 86.01			

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Buffalo Job No.: 480-39120-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 480-121378/1-A
 Matrix: Water Lab File ID: 25_52102.D
 Analysis Method: 8081A Date Collected: _____
 Extraction Method: 3510C Date Extracted: 05/31/2013 07:26
 Sample wt/vol: 250 (mL) Date Analyzed: 06/03/2013 09:52
 Con. Extract Vol.: 2 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: RTX-CLPII ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 121710 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	ND		0.050	0.0092
72-55-9	4,4'-DDE	ND		0.050	0.012
50-29-3	4,4'-DDT	ND		0.050	0.011
309-00-2	Aldrin	ND		0.050	0.0066
319-84-6	alpha-BHC	ND		0.050	0.0066
5103-71-9	alpha-Chlordane	ND		0.050	0.015
319-85-7	beta-BHC	ND		0.050	0.025
319-86-8	delta-BHC	ND		0.050	0.010
60-57-1	Dieldrin	ND		0.050	0.0098
959-98-8	Endosulfan I	ND		0.050	0.011
33213-65-9	Endosulfan II	ND		0.050	0.012
1031-07-8	Endosulfan sulfate	ND		0.050	0.016
72-20-8	Endrin	ND		0.050	0.014
7421-93-4	Endrin aldehyde	0.0313	J	0.050	0.016
53494-70-5	Endrin ketone	ND		0.050	0.012
58-89-9	gamma-BHC (Lindane)	ND		0.050	0.0060
5103-74-2	gamma-Chlordane	ND		0.050	0.011
76-44-8	Heptachlor	ND		0.050	0.0085
1024-57-3	Heptachlor epoxide	ND		0.050	0.0053
72-43-5	Methoxychlor	ND		0.050	0.014
8001-35-2	Toxaphene	ND		0.50	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	38		20-120
877-09-8	Tetrachloro-m-xylene	78		36-120

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
14 Heptachlor epoxide									
1	1	4.083	4.083	0.000	6902853	0.0487			
2	2	4.733	4.733	0.000	815188	0.0456			
RPD = 6.43									
16 gamma-Chlordane									
1	1	4.210	4.207	0.003	7517248	0.0451			M
2	2	4.933	4.933	0.000	509065	0.0266			M
RPD = 51.49									
17 alpha-Chlordane									
1	1	4.340	4.340	0.000	6846509	0.0456			
2	2	5.090	5.090	0.000	768191	0.0410			
RPD = 10.45									
18 4,4'-DDE									
1	1	4.430	4.427	0.003	6162429	0.0387			
2	2	5.267	5.267	0.000	770052	0.0408			
RPD = 5.46									
19 Endosulfan I									
1	1	4.473	4.470	0.003	5072722	0.0370			
2	2	5.150	5.150	0.000	683221	0.0413			
RPD = 10.90									
21 Dieldrin									
1	1	4.713	4.713	0.000	6650187	0.0442			
2	2	5.440	5.437	0.003	818231	0.0426			
RPD = 3.71									
23 Endrin									
1	1	4.947	4.953	-0.006	6431202	0.0454			
2	2	5.757	5.760	-0.003	848286	0.0467			
RPD = 2.99									
24 4,4'-DDD									
1	1	5.033	5.030	0.003	6242542	0.0484			
2	2	5.873	5.870	0.003	743710	0.0466			
RPD = 3.79									
27 Endosulfan II									
1	1	5.173	5.170	0.003	6206433	0.0468			
2	2	5.973	5.973	0.000	728194	0.0446			
RPD = 4.81									
28 4,4'-DDT									
1	1	5.320	5.323	-0.003	6389725	0.0422			
2	2	6.200	6.203	-0.003	704319	0.0414			
RPD = 1.85									
29 Endrin aldehyde									
1	1	5.600	5.597	0.003	5177511	0.0480			
2	2	6.320	6.320	0.000	603312	0.0453			
RPD = 5.76									
30 Methoxychlor									
1	1	5.830	5.833	-0.003	2521769	0.0417			
2	2	6.897	6.900	-0.003	457438	0.0593			
RPD = 34.97									

2014 Supplemental Site Characterization

**OW-16, OW-31, OW-32, OW-33,
OW-34, OW-35, OW-36, & OW-37**

Data Usability Summary Report

Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

Nash Rd. LF #932054
TestAmerica SDG#480-60169-1
November 3, 2021
Reissued; December 3, 2021
Sampling date: 5/19, 20/2014

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

Nash Rd. LF #932054
SDG# 480-60169-1

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package(reissued; December 3, 2021) for LiRo Engineers, project located at Nash Rd. LF #932054, TestAmerica SDG#480-60169-1 submitted to Vali-Data of WNY, LLC on September 30, 2021. This DUSR has been prepared in general compliance with USEPA National Functional Guidelines(NFG) and NYSDEC Analytical Services Protocols. The laboratory performed the analyses using USEPA method Volatile Organics (8260C), Semi-Volatile Organics (8270D), Pesticides (8081B), Herbicides (8151A) and Inorganics (6010C, 7470A).

ID	Sample ID	Laboratory ID
1	OW-35	480-60169-1
2	OW-36	480-60169-2
3	OW-34	480-60169-3
4	OW-16	480-60169-4
5	OW-32	480-60169-5
6	Trip Blank	480-60169-6
7	OW-37	480-60219-1
8	OW-33	480-60219-2
9	OW-31	480-60219-3
10	TB	480-60219-4

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Sample Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with

Nash Rd. LF #932054

SDG# 480-60169-1

the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Continuing Calibration.

Samples: OW-16, OW-32, OW-34, OW-35 and OW-36 were diluted due to foaming.

Sample: OW-36 was diluted due to high target analyte concentrations.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was acquired for this analysis.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on target analytes in which the RSD > 20.0%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of some target analytes were outside QC limits in the continuing calibration and should be qualified as estimated in the associated samples, blanks and spikes.

Calibration ID	Target Analyte	%D	Qualifier	Associated Sample
CCVIS 480-183315/3	Chloroethane	37.4	UJ	MB 480-183315, 1-6
CCVIS 480-183315/3	Bromomethane	31.1	UJ	MB 480-183315, 1-6
CCVIS 480-183315/3	Bromodichloromethane	27.9	UJ	MB 480-183315, 1-6

GC/MS PERFORMANCE CHECK

All criteria were met.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Method Blank and Continuing Calibration.

Nash Rd. LF #932054

SDG# 480-60169-1

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met except some target analytes were detected in the method blanks. These target analytes should be qualified as undetected at the reporting limit in associated samples in which they were detected below the reporting limit. These target analytes should be qualified as estimated high in associated samples in which they were detected above the reporting limit.

Blank ID	Target analyte	Concentration(ug/L)	Qualifier	Associated Sample
MB 480-183336	Di-n-butyl phthalate	1.18	U at RL	1-5, 7-9
MB 480-183336	Benzaldehyde	.444	U at RL	1, 4, 7, 9
MB 480-183336	4-Methylphenol	2.71	U at RL	1-5, 7-9
MB 480-183336	Diethylphthalate	.701	U at RL	2, 4, 5

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was acquired for this analysis.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on target analytes in which the RSD >15.0%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of one of the target analytes was outside QC limits. This target analyte should be qualified as estimated in the associated samples, blanks and spikes.

Calibration ID	Target Analyte	%D	Qualifier	Associated Sample
CCVIS 480-184443/3	Benzo(g,h,i)perylene	33.6	UJ	MB 480-183336
CCVIS 480-184443/3	Indeno(1,2,3-cd)pyrene	35.6	UJ	MB 480-183336
CCVIS 480-184443/3	Caprolactam	-41.7	UJ	MB 480-183336
CCVIS 480-184750/3	Benzo(g,h,i)perylene	34.7	UJ	7-9
CCVIS 480-184750/3	Indeno(1,2,3-cd)pyrene	36.2	UJ	7-9
CCVIS 480-184939/3	Benzo(g,h,i)perylene	37.9	UJ	1-5
CCVIS 480-184939/3	Indeno(1,2,3-cd)pyrene	37.1	UJ	1-5
CCVIS 480-184939/3	4-Methylphenol	20.3	UJ	1-5

GC/MS PERFORMANCE CHECK

All criteria were met.

PESTICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Method Blank, Laboratory Control Samples, Surrogate Spike Recoveries and Compound Quantitation.

Sample: OW-16 was diluted due to sample matrix.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the samples were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of DCBP was outside QC limits, low off column RTX-CLPI in OW-16 and MB 480-183216-1-A and should be qualified as estimated. This column was not prime for this sample and blank, so no further action is required.

The %Rec of DCBP was outside QC limits, low off column RTX-CLPI in OW-31 and LCS 480-183479/2-A and should be qualified as estimated. The %Rec of DCBP was outside QC limits, low off both columns in LCS 480-183216/2-A and LCSD 480-183479/3-A and should be qualified as estimated. Target analytes in these sample and spikes should be qualified as estimated.

METHOD BLANK

All the criteria were met except target analytes were detected in the blanks above the MDL, below the reporting limit and should be qualified as estimated. These target analytes should be qualified as undetected in the associated samples in which they were detected above the MDL but below the reporting limit. These target analytes should be qualified as estimated high in the associated samples in which they were detected above the reporting limit.

Blank ID	Target Analyte	Concentration(ug/L)	Qualifier	Associated Sample
MB 480-183216	delta-BHC	.0121	U at RL	2,3
MB 480-183216	delta-BHC	.0121	JH	5
MB 480-183479	4,4'-DDD	.0111	U at RL	7
MB 480-183479	alpha-BHC	.0156	U at RL	7-9

The RPD of alpha-BHC outside QC limits between the columns in MB 480-183479/1-A and should be qualified as estimated.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

Nash Rd. LF #932054

SDG# 480-60169-1

LABORATORY CONTROL SAMPLES

All criteria were met except the RPD of Methoxychlor was outside QC limits between the columns in LCS 480-183479/2-A and LCSD 480-183479/3-A and should be qualified as estimated.

MS/MSD

No MS/MSD was acquired for this analysis.

COMPOUND QUANTITATION

All criteria were met except the RPD of some target analytes were outside QC limits between the columns and should be qualified as estimated.

Sample ID	Target Analyte	Qualifier
OW-35	All detects	J
OW-36	g-BHC, 4,4'-DDE	J
OW-34	g-BHC, Aldrin, Methoxychlor	J
OW-32	d-BHC, Heptachlor, Aldrin, Endrin Endosulfan I, Methoxychlor	J
OW-37	All detects except Dieldrin	J
OW-33	All detects	J
OW-31	All detects except 4,4'-DDT	J

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used on all target analytes and surrogates, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

Some target analytes were outside QC limits on the confirmatory column, so no further action is required.

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

HERBICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries

Nash Rd. LF #932054

SDG# 480-60169-1

- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
-

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below MS/MSD.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

All the criteria were met except the RPD of 2,4-D and 2,4,5-T was outside QC limits between the columns in OW-35MS/MSD and should be qualified as estimated.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used on all of the target analytes and surrogates, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

Some target analytes were outside laboratory QC limits but were within NFG QC limits, so no further action is required.

METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Blanks
- Laboratory Control Sample
- MS/MSD/Duplicate
- Field Duplicate
- Serial Dilution
- Compound Quantitation
- Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

BLANKS

All criteria were met.

LABORATORY CONTROL SAMPLE

All criteria were met.

MS/MSD/DUPLICATE

All criteria were met.

FIELD DUPLICATE

No field duplicate was acquired.

SERIAL DILUTION

All criteria were met.

COMPOUND QUANTITATION

All criteria were met.

CALIBRATION

All criteria were met except the %D of some target analytes was outside QC limits. These target analytes should be qualified as estimated in the associated samples, blanks and spikes.

Calibration ID	Target Analyte	%D	Qualifier	Associated Sample
CCVL 480-183497/28	Ba	124	JH	LCS 480-183227
CCVL 480-183497/47	Ba	119	JH	7-9
CCVL 480-183499/16	Ba	112	JH	LCS 480-183225
CCVL 480-183499/35	Ag	84	UJ/J	1-5
CCVL 480-183499/47	Ba	150	JH	4, 5
CCVL 480-183499/47	Cr	112	JH	4, 5

Job Narrative
480-60169-1

Revision (1)

The report has been revised to include raw data for mercury batch 183769 as requested by the data validator in November 2021. Note that other items the validator was looking for were not required to be included in deliverables at the time these samples were analyzed.

Receipt

The samples were received on 5/19/2014 6:45 PM and 5/20/2014 4:30 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 1.1° C, 1.3° C and 4.4° C.

GC/MS VOA

Method(s) 8260C: The large number of analytes included in the continuing calibration verification (CCV) for batch 183315 gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes are outside the method-defined %D criteria. (CCVIS 480-183315/3)

Method(s) 8260C: The laboratory control sample (LCS) for batch 183315 recovered outside control limits for the following analyte: Dichlorobromomethane. This analyte was biased high in the LCS, ND in the associated samples and the analyte is not a required client spiking compound, therefore, the data have been qualified and reported (LCS 480-183315/5)

Method(s) 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: OW-16 (480-60169-4), OW-32 (480-60169-5), OW-34 (480-60169-3), OW-35 (480-60169-1), OW-36 (480-60169-2). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: OW-36 (480-60169-2). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The large number of analytes included in the continuing calibration verification (CCV) for batch 183781 gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes are outside the method-defined %D criteria.

Method(s) 8260C: The large number of analytes included in the continuing calibration verification (CCV) in batch 183684 gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes are outside the method-defined %D criteria.

Method(s) 8260C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batch 183781 recovered outside control limits for the following analytes: 2-Hexanone. This analyte was not requested spiking analytes; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA

Method(s) 8270D: The continuing calibration verification (CCV) associated with analytical batch 184750 recovered above the upper control limit for multiple analytes. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCVIS 480-184750/3).

Method(s) 8270D: The continuing calibration verification (CCV) associated with analytical batch 184939 recovered above the upper control limit for multiple analytes. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCVIS 480-184939/3).

Method(s) 8270D: The continuing calibration verification (CCV) associated with analytical batch 185372 recovered above the upper control limit for multiple analytes. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCVIS 480-185372/3).

Method(s) 8270D: The continuing calibration verification (CCV) in analytical batch 185372 was outside the method criteria for multiple analytes. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method(s) 8270D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 183336 recovered outside control limits for multiple analytes. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8270D: The continuing calibration verification (CCV) associated with analytical batch 184443 recovered above the upper control limit for multiple analytes. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCV 480-184443/5), (CCVIS 480-184443/3).

Method(s) 8270D: The method blank for preparation batch 183336 contained multiple analytes above the method detection limit. These target analyte concentrations were less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not

performed.

Method(s) 8270D: The following analyte has been identified, in the reference method and/or via historical data, to be poor and/or erratic performers: Caprolactum. This analyte may have a %D >60% if the average %D of all the analytes in the continuing calibration verification (CCV) is 30%. (CCV 480-184443/5).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

Method(s) 8081B: The following sample was diluted due to the nature of the sample matrix: OW-16 (480-60169-4). Elevated reporting limits (RLs) are provided.

Method(s) 8081B: The method blank MB 480-183479/1-A contained the analytes 4,4'-DDD and alpha-BHC above the method detection limit. These target analyte concentrations were less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 8081B: The method blank MB 480-183216/1-A contained the analyte delta-BHC above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 8081B: The percent difference in a multi-component continuing calibration verification is assessed on the basis of the total amount, individual peak calculations are only listed for completeness.

Method(s) 8081B: All primary data is reported from the RTX-CLPI column, with the exception of samples OW-32 (480-60169-5), OW-34 (480-60169-3), OW-35 (480-60169-1), OW-36 (480-60169-2), for which primary data is reported from the RTX-CLPII column.

Method(s) 8151A: All primary data is reported from the RTX-CLPI column.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals

Method(s) 6010C: The low level continuing calibration verification (CCVL 480-183449/47) recovered above the upper control limit for barium. The sample(s) OW-16 (480-60169-4), OW-32 (480-60169-5) associated with this CCVL contained this analyte at a concentration greater than 10X the value found in the CCVL; therefore, re-analysis of samples was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

Method(s) 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with batch 183336.

Method(s) 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 183479

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-35

Lab Sample ID: 480-60169-1

Date Sampled: 05/19/2014 1150

Client Matrix: Water

Date Received: 05/19/2014 1845

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-183315	Instrument ID:	HP5973P
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P7494.D
Dilution:	5.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/21/2014 1758			Final Weight/Volume:	5 mL
Prep Date:	05/21/2014 1758				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		4.1	5.0
1,1,2,2-Tetrachloroethane	ND		1.1	5.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.6	5.0
1,1,2-Trichloroethane	ND		1.2	5.0
1,1-Dichloroethane	ND		1.9	5.0
1,1-Dichloroethene	ND		1.5	5.0
1,2,4-Trichlorobenzene	ND		2.1	5.0
1,2-Dibromo-3-Chloropropane	ND		2.0	5.0
1,2-Dibromoethane	ND		3.7	5.0
1,2-Dichlorobenzene	ND		4.0	5.0
1,2-Dichloroethane	ND		1.1	5.0
1,2-Dichloropropane	ND		3.6	5.0
1,3-Dichlorobenzene	ND		3.9	5.0
1,4-Dichlorobenzene	ND		4.2	5.0
2-Butanone (MEK)	ND		6.6	50
2-Hexanone	ND		6.2	25
4-Methyl-2-pentanone (MIBK)	ND		11	25
Acetone	ND		15	50
Benzene	3.8	J	2.1	5.0
Bromodichloromethane	ND	*	2.0	5.0
Bromoform	ND		1.3	5.0
Bromomethane	ND		3.5	5.0
Carbon disulfide	ND		0.95	5.0
Carbon tetrachloride	ND		1.4	5.0
Chlorobenzene	80		3.8	5.0
Chloroethane	ND		1.6	5.0
Chloroform	ND		1.7	5.0
Chloromethane	ND		1.8	5.0
cis-1,2-Dichloroethene	ND		4.1	5.0
cis-1,3-Dichloropropene	ND		1.8	5.0
Cyclohexane	ND		0.90	5.0
Dibromochloromethane	ND		1.6	5.0
Dichlorodifluoromethane	ND		3.4	5.0
Ethylbenzene	ND		3.7	5.0
Isopropylbenzene	ND		4.0	5.0
Methyl acetate	ND		2.5	13
Methyl tert-butyl ether	ND		0.80	5.0
Methylcyclohexane	ND		0.80	5.0
Methylene Chloride	ND		2.2	5.0
Styrene	ND		3.7	5.0
Tetrachloroethene	ND		1.8	5.0
Toluene	ND		2.6	5.0
trans-1,2-Dichloroethene	ND		4.5	5.0
trans-1,3-Dichloropropene	ND		1.9	5.0
Trichloroethene	ND		2.3	5.0
Trichlorofluoromethane	ND		4.4	5.0

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-35

Lab Sample ID: 480-60169-1

Client Matrix: Water

Date Sampled: 05/19/2014 1150

Date Received: 05/19/2014 1845

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-183315	Instrument ID:	HP5973P
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P7494.D
Dilution:	5.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/21/2014 1758			Final Weight/Volume:	5 mL
Prep Date:	05/21/2014 1758				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		4.5	5.0
Xylenes, Total	ND		3.3	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115		66 - 137
4-Bromofluorobenzene (Surr)	91		73 - 120
Toluene-d8 (Surr)	96		71 - 126

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-36

Lab Sample ID: 480-60169-2

Client Matrix: Water

Date Sampled: 05/19/2014 1305

Date Received: 05/19/2014 1845

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-183315	Instrument ID:	HP5973P
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P7495.D
Dilution:	5.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/21/2014 1823			Final Weight/Volume:	5 mL
Prep Date:	05/21/2014 1823				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		4.1	5.0
1,1,2,2-Tetrachloroethane	ND		1.1	5.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.6	5.0
1,1,2-Trichloroethane	ND		1.2	5.0
1,1-Dichloroethane	ND		1.9	5.0
1,1-Dichloroethene	ND		1.5	5.0
1,2,4-Trichlorobenzene	ND		2.1	5.0
1,2-Dibromo-3-Chloropropane	ND		2.0	5.0
1,2-Dibromoethane	ND		3.7	5.0
1,2-Dichlorobenzene	ND		4.0	5.0
1,2-Dichloroethane	ND		1.1	5.0
1,2-Dichloropropane	ND		3.6	5.0
1,3-Dichlorobenzene	ND		3.9	5.0
1,4-Dichlorobenzene	ND		4.2	5.0
2-Butanone (MEK)	ND		6.6	50
2-Hexanone	ND		6.2	25
4-Methyl-2-pentanone (MIBK)	ND		11	25
Acetone	ND		15	50
Benzene	3.1	J	2.1	5.0
Bromodichloromethane	ND	*	2.0	5.0
Bromoform	ND		1.3	5.0
Bromomethane	ND		3.5	5.0
Carbon disulfide	ND		0.95	5.0
Carbon tetrachloride	ND		1.4	5.0
Chlorobenzene	19		3.8	5.0
Chloroethane	ND		1.6	5.0
Chloroform	ND		1.7	5.0
Chloromethane	ND		1.8	5.0
cis-1,2-Dichloroethene	ND		4.1	5.0
cis-1,3-Dichloropropene	ND		1.8	5.0
Cyclohexane	ND		0.90	5.0
Dibromochloromethane	ND		1.6	5.0
Dichlorodifluoromethane	ND		3.4	5.0
Ethylbenzene	200		3.7	5.0
Isopropylbenzene	13		4.0	5.0
Methyl acetate	ND		2.5	13
Methyl tert-butyl ether	ND		0.80	5.0
Methylcyclohexane	ND		0.80	5.0
Methylene Chloride	ND		2.2	5.0
Styrene	ND		3.7	5.0
Tetrachloroethene	ND		1.8	5.0
Toluene	ND		2.6	5.0
trans-1,2-Dichloroethene	ND		4.5	5.0
trans-1,3-Dichloropropene	ND		1.9	5.0
Trichloroethene	ND		2.3	5.0
Trichlorofluoromethane	ND		4.4	5.0

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-36

Lab Sample ID: 480-60169-2

Client Matrix: Water

Date Sampled: 05/19/2014 1305

Date Received: 05/19/2014 1845

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-183315	Instrument ID:	HP5973P
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P7495.D
Dilution:	5.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/21/2014 1823			Final Weight/Volume:	5 mL
Prep Date:	05/21/2014 1823				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		4.5	5.0
Xylenes, Total	1300	E	3.3	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115		66 - 137
4-Bromofluorobenzene (Surr)	93		73 - 120
Toluene-d8 (Surr)	96		71 - 126

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-36

Lab Sample ID: 480-60169-2

Client Matrix: Water

Date Sampled: 05/19/2014 1305

Date Received: 05/19/2014 1845

8260C Volatile Organic Compounds by GC/MS

Analysis Method: 8260C	Analysis Batch: 480-183781	Instrument ID: HP5973C
Prep Method: 5030C	Prep Batch: N/A	Lab File ID: C40043.D
Dilution: 25		Initial Weight/Volume: 5 mL
Analysis Date: 05/23/2014 1257	Run Type: DL	Final Weight/Volume: 5 mL
Prep Date: 05/23/2014 1257		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		21	25
1,1,2,2-Tetrachloroethane	ND		5.3	25
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.8	25
1,1,2-Trichloroethane	ND		5.8	25
1,1-Dichloroethane	ND		9.5	25
1,1-Dichloroethene	ND		7.3	25
1,2,4-Trichlorobenzene	ND		10	25
1,2-Dibromo-3-Chloropropane	ND		9.8	25
1,2-Dibromoethane	ND		18	25
1,2-Dichlorobenzene	ND		20	25
1,2-Dichloroethane	ND		5.3	25
1,2-Dichloropropane	ND		18	25
1,3-Dichlorobenzene	ND		20	25
1,4-Dichlorobenzene	ND		21	25
2-Butanone (MEK)	ND	*	33	250
2-Hexanone	ND	*	31	130
4-Methyl-2-pentanone (MIBK)	ND		53	130
Acetone	ND		75	250
Benzene	ND		10	25
Bromodichloromethane	ND		9.8	25
Bromoform	ND		6.5	25
Bromomethane	ND		17	25
Carbon disulfide	ND		4.8	25
Carbon tetrachloride	ND		6.8	25
Chlorobenzene	22	J	19	25
Chloroethane	ND		8.0	25
Chloroform	ND		8.5	25
Chloromethane	ND		8.8	25
cis-1,2-Dichloroethene	ND		20	25
cis-1,3-Dichloropropene	ND		9.0	25
Cyclohexane	ND		4.5	25
Dibromochloromethane	ND		8.0	25
Dichlorodifluoromethane	ND		17	25
Ethylbenzene	220		19	25
Isopropylbenzene	ND		20	25
Methyl acetate	ND		13	63
Methyl tert-butyl ether	ND		4.0	25
Methylcyclohexane	ND		4.0	25
Methylene Chloride	ND		11	25
Styrene	ND		18	25
Tetrachloroethene	ND		9.0	25
Toluene	ND		13	25
trans-1,2-Dichloroethene	ND		23	25
trans-1,3-Dichloropropene	ND		9.3	25
Trichloroethene	ND		12	25
Trichlorofluoromethane	ND		22	25

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-36

Lab Sample ID: 480-60169-2

Client Matrix: Water

Date Sampled: 05/19/2014 1305

Date Received: 05/19/2014 1845

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-183781	Instrument ID:	HP5973C
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	C40043.D
Dilution:	25			Initial Weight/Volume:	5 mL
Analysis Date:	05/23/2014 1257	Run Type:	DL	Final Weight/Volume:	5 mL
Prep Date:	05/23/2014 1257				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		23	25
Xylenes, Total	1700		17	50

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		66 - 137
4-Bromofluorobenzene (Surr)	103		73 - 120
Toluene-d8 (Surr)	100		71 - 126

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-34

Lab Sample ID: 480-60169-3

Client Matrix: Water

Date Sampled: 05/19/2014 1436

Date Received: 05/19/2014 1845

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-183315	Instrument ID:	HP5973P
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P7496.D
Dilution:	5.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/21/2014 1956			Final Weight/Volume:	5 mL
Prep Date:	05/21/2014 1956				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		4.1	5.0
1,1,2,2-Tetrachloroethane	ND		1.1	5.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.6	5.0
1,1,2-Trichloroethane	ND		1.2	5.0
1,1-Dichloroethane	ND		1.9	5.0
1,1-Dichloroethene	ND		1.5	5.0
1,2,4-Trichlorobenzene	ND		2.1	5.0
1,2-Dibromo-3-Chloropropane	ND		2.0	5.0
1,2-Dibromoethane	ND		3.7	5.0
1,2-Dichlorobenzene	ND		4.0	5.0
1,2-Dichloroethane	ND		1.1	5.0
1,2-Dichloropropane	ND		3.6	5.0
1,3-Dichlorobenzene	ND		3.9	5.0
1,4-Dichlorobenzene	ND		4.2	5.0
2-Butanone (MEK)	ND		6.6	50
2-Hexanone	ND		6.2	25
4-Methyl-2-pentanone (MIBK)	ND		11	25
Acetone	ND		15	50
Benzene	ND		2.1	5.0
Bromodichloromethane	ND	*	2.0	5.0
Bromoform	ND		1.3	5.0
Bromomethane	ND		3.5	5.0
Carbon disulfide	ND		0.95	5.0
Carbon tetrachloride	ND		1.4	5.0
Chlorobenzene	ND		3.8	5.0
Chloroethane	ND		1.6	5.0
Chloroform	ND		1.7	5.0
Chloromethane	ND		1.8	5.0
cis-1,2-Dichloroethene	ND		4.1	5.0
cis-1,3-Dichloropropene	ND		1.8	5.0
Cyclohexane	ND		0.90	5.0
Dibromochloromethane	ND		1.6	5.0
Dichlorodifluoromethane	ND		3.4	5.0
Ethylbenzene	ND		3.7	5.0
Isopropylbenzene	ND		4.0	5.0
Methyl acetate	ND		2.5	13
Methyl tert-butyl ether	ND		0.80	5.0
Methylcyclohexane	ND		0.80	5.0
Methylene Chloride	ND		2.2	5.0
Styrene	ND		3.7	5.0
Tetrachloroethene	ND		1.8	5.0
Toluene	ND		2.6	5.0
trans-1,2-Dichloroethene	ND		4.5	5.0
trans-1,3-Dichloropropene	ND		1.9	5.0
Trichloroethene	ND		2.3	5.0
Trichlorofluoromethane	ND		4.4	5.0

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-34

Lab Sample ID: 480-60169-3

Client Matrix: Water

Date Sampled: 05/19/2014 1436

Date Received: 05/19/2014 1845

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-183315	Instrument ID:	HP5973P
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P7496.D
Dilution:	5.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/21/2014 1956			Final Weight/Volume:	5 mL
Prep Date:	05/21/2014 1956				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		4.5	5.0
Xylenes, Total	ND		3.3	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114		66 - 137
4-Bromofluorobenzene (Surr)	93		73 - 120
Toluene-d8 (Surr)	97		71 - 126

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-16

Lab Sample ID: 480-60169-4

Client Matrix: Water

Date Sampled: 05/19/2014 1605

Date Received: 05/19/2014 1845

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-183315	Instrument ID:	HP5973P
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P7497.D
Dilution:	4.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/21/2014 2020			Final Weight/Volume:	5 mL
Prep Date:	05/21/2014 2020				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		3.3	4.0
1,1,2,2-Tetrachloroethane	ND		0.84	4.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.2	4.0
1,1,2-Trichloroethane	ND		0.92	4.0
1,1-Dichloroethane	ND		1.5	4.0
1,1-Dichloroethene	ND		1.2	4.0
1,2,4-Trichlorobenzene	ND		1.6	4.0
1,2-Dibromo-3-Chloropropane	ND		1.6	4.0
1,2-Dibromoethane	ND		2.9	4.0
1,2-Dichlorobenzene	ND		3.2	4.0
1,2-Dichloroethane	ND		0.84	4.0
1,2-Dichloropropane	ND		2.9	4.0
1,3-Dichlorobenzene	ND		3.1	4.0
1,4-Dichlorobenzene	3.4	J	3.4	4.0
2-Butanone (MEK)	ND		5.3	40
2-Hexanone	ND		5.0	20
4-Methyl-2-pentanone (MIBK)	ND		8.4	20
Acetone	ND		12	40
Benzene	3.2	J	1.6	4.0
Bromodichloromethane	ND	*	1.6	4.0
Bromoform	ND		1.0	4.0
Bromomethane	ND		2.8	4.0
Carbon disulfide	ND		0.76	4.0
Carbon tetrachloride	ND		1.1	4.0
Chlorobenzene	16		3.0	4.0
Chloroethane	ND		1.3	4.0
Chloroform	ND		1.4	4.0
Chloromethane	ND		1.4	4.0
cis-1,2-Dichloroethene	ND		3.2	4.0
cis-1,3-Dichloropropene	ND		1.4	4.0
Cyclohexane	ND		0.72	4.0
Dibromochloromethane	ND		1.3	4.0
Dichlorodifluoromethane	ND		2.7	4.0
Ethylbenzene	ND		3.0	4.0
Isopropylbenzene	ND		3.2	4.0
Methyl acetate	ND		2.0	10
Methyl tert-butyl ether	ND		0.64	4.0
Methylcyclohexane	ND		0.64	4.0
Methylene Chloride	ND		1.8	4.0
Styrene	ND		2.9	4.0
Tetrachloroethene	ND		1.4	4.0
Toluene	ND		2.0	4.0
trans-1,2-Dichloroethene	ND		3.6	4.0
trans-1,3-Dichloropropene	ND		1.5	4.0
Trichloroethene	ND		1.8	4.0
Trichlorofluoromethane	ND		3.5	4.0

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-16

Lab Sample ID: 480-60169-4

Client Matrix: Water

Date Sampled: 05/19/2014 1605

Date Received: 05/19/2014 1845

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-183315	Instrument ID:	HP5973P
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P7497.D
Dilution:	4.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/21/2014 2020			Final Weight/Volume:	5 mL
Prep Date:	05/21/2014 2020				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		3.6	4.0
Xylenes, Total	ND		2.6	8.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116		66 - 137
4-Bromofluorobenzene (Surr)	94		73 - 120
Toluene-d8 (Surr)	97		71 - 126

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-32

Lab Sample ID: 480-60169-5

Date Sampled: 05/19/2014 1740

Client Matrix: Water

Date Received: 05/19/2014 1845

8260C Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analysis Batch: 480-183315

Instrument ID: HP5973P

Prep Method: 5030C

Prep Batch: N/A

Lab File ID: P7498.D

Dilution: 5.0

Initial Weight/Volume: 5 mL

Analysis Date: 05/21/2014 2045

Final Weight/Volume: 5 mL

Prep Date: 05/21/2014 2045

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		4.1	5.0
1,1,2,2-Tetrachloroethane	ND		1.1	5.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.6	5.0
1,1,2-Trichloroethane	ND		1.2	5.0
1,1-Dichloroethane	ND		1.9	5.0
1,1-Dichloroethene	ND		1.5	5.0
1,2,4-Trichlorobenzene	ND		2.1	5.0
1,2-Dibromo-3-Chloropropane	ND		2.0	5.0
1,2-Dibromoethane	ND		3.7	5.0
1,2-Dichlorobenzene	ND		4.0	5.0
1,2-Dichloroethane	ND		1.1	5.0
1,2-Dichloropropane	ND		3.6	5.0
1,3-Dichlorobenzene	ND		3.9	5.0
1,4-Dichlorobenzene	ND		4.2	5.0
2-Butanone (MEK)	ND		6.6	50
2-Hexanone	ND		6.2	25
4-Methyl-2-pentanone (MIBK)	ND		11	25
Acetone	ND		15	50
Benzene	ND		2.1	5.0
Bromodichloromethane	ND	*	2.0	5.0
Bromoform	ND		1.3	5.0
Bromomethane	ND		3.5	5.0
Carbon disulfide	ND		0.95	5.0
Carbon tetrachloride	ND		1.4	5.0
Chlorobenzene	ND		3.8	5.0
Chloroethane	ND		1.6	5.0
Chloroform	ND		1.7	5.0
Chloromethane	ND		1.8	5.0
cis-1,2-Dichloroethene	ND		4.1	5.0
cis-1,3-Dichloropropene	ND		1.8	5.0
Cyclohexane	ND		0.90	5.0
Dibromochloromethane	ND		1.6	5.0
Dichlorodifluoromethane	ND		3.4	5.0
Ethylbenzene	ND		3.7	5.0
Isopropylbenzene	ND		4.0	5.0
Methyl acetate	ND		2.5	13
Methyl tert-butyl ether	ND		0.80	5.0
Methylcyclohexane	ND		0.80	5.0
Methylene Chloride	ND		2.2	5.0
Styrene	ND		3.7	5.0
Tetrachloroethene	ND		1.8	5.0
Toluene	ND		2.6	5.0
trans-1,2-Dichloroethene	ND		4.5	5.0
trans-1,3-Dichloropropene	ND		1.9	5.0
Trichloroethene	ND		2.3	5.0
Trichlorofluoromethane	ND		4.4	5.0

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-32

Lab Sample ID: 480-60169-5

Client Matrix: Water

Date Sampled: 05/19/2014 1740

Date Received: 05/19/2014 1845

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-183315	Instrument ID:	HP5973P
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P7498.D
Dilution:	5.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/21/2014 2045			Final Weight/Volume:	5 mL
Prep Date:	05/21/2014 2045				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		4.5	5.0
Xylenes, Total	ND		3.3	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116		66 - 137
4-Bromofluorobenzene (Surr)	93		73 - 120
Toluene-d8 (Surr)	97		71 - 126

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: Trip Blank

Lab Sample ID: 480-60169-6

Date Sampled: 05/19/2014 0000

Client Matrix: Water

Date Received: 05/19/2014 1845

8260C Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analysis Batch: 480-183315

Instrument ID: HP5973P

Prep Method: 5030C

Prep Batch: N/A

Lab File ID: P7499.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 05/21/2014 2110

Final Weight/Volume: 5 mL

Prep Date: 05/21/2014 2110

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1-Dichloroethane	ND		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Butanone (MEK)	ND		1.3	10
2-Hexanone	ND		1.2	5.0
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	3.2	J	3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND	*	0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Chloroethane	ND		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	ND		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dibromochloromethane	ND		0.32	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	2.5
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	0.44	J	0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	ND		0.51	1.0
trans-1,2-Dichloroethene	ND		0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	ND		0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: Trip Blank

Lab Sample ID: 480-60169-6

Client Matrix: Water

Date Sampled: 05/19/2014 0000

Date Received: 05/19/2014 1845

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-183315	Instrument ID:	HP5973P
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P7499.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/21/2014 2110			Final Weight/Volume:	5 mL
Prep Date:	05/21/2014 2110				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	118		66 - 137
4-Bromofluorobenzene (Surr)	93		73 - 120
Toluene-d8 (Surr)	98		71 - 126

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-37

Lab Sample ID: 480-60219-1

Client Matrix: Water

Date Sampled: 05/20/2014 1040

Date Received: 05/20/2014 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-183684	Instrument ID:	HP5973S
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	S38412.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/23/2014 0826			Final Weight/Volume:	5 mL
Prep Date:	05/23/2014 0826				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1-Dichloroethane	ND		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Butanone (MEK)	ND		1.3	10
2-Hexanone	ND		1.2	5.0
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	4.6	J	3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	1.0		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Chloroethane	ND		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	ND		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dibromochloromethane	ND		0.32	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	2.5
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	ND		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	ND		0.51	1.0
trans-1,2-Dichloroethene	ND		0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	ND		0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-37

Lab Sample ID: 480-60219-1

Client Matrix: Water

Date Sampled: 05/20/2014 1040

Date Received: 05/20/2014 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-183684	Instrument ID:	HP5973S
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	S38412.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/23/2014 0826			Final Weight/Volume:	5 mL
Prep Date:	05/23/2014 0826				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108		66 - 137
4-Bromofluorobenzene (Surr)	101		73 - 120
Toluene-d8 (Surr)	106		71 - 126

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-33

Lab Sample ID: 480-60219-2

Date Sampled: 05/20/2014 1240

Client Matrix: Water

Date Received: 05/20/2014 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analysis Batch: 480-183684

Instrument ID: HP5973S

Prep Method: 5030C

Prep Batch: N/A

Lab File ID: S38413.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 05/23/2014 0848

Final Weight/Volume: 5 mL

Prep Date: 05/23/2014 0848

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1-Dichloroethane	ND		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Butanone (MEK)	ND		1.3	10
2-Hexanone	ND		1.2	5.0
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Chloroethane	ND		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	ND		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dibromochloromethane	ND		0.32	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	2.5
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	ND		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	ND		0.51	1.0
trans-1,2-Dichloroethene	ND		0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	ND		0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-33

Lab Sample ID: 480-60219-2

Client Matrix: Water

Date Sampled: 05/20/2014 1240

Date Received: 05/20/2014 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-183684	Instrument ID:	HP5973S
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	S38413.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/23/2014 0848			Final Weight/Volume:	5 mL
Prep Date:	05/23/2014 0848				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109		66 - 137
4-Bromofluorobenzene (Surr)	99		73 - 120
Toluene-d8 (Surr)	105		71 - 126

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-31

Lab Sample ID: 480-60219-3

Date Sampled: 05/20/2014 1440

Client Matrix: Water

Date Received: 05/20/2014 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analysis Batch: 480-183684

Instrument ID: HP5973S

Prep Method: 5030C

Prep Batch: N/A

Lab File ID: S38414.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 05/23/2014 0909

Final Weight/Volume: 5 mL

Prep Date: 05/23/2014 0909

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1-Dichloroethane	ND		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Butanone (MEK)	2.0	J	1.3	10
2-Hexanone	ND		1.2	5.0
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	6.6	J	3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	1.7		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Chloroethane	ND		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	ND		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dibromochloromethane	ND		0.32	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	2.5
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	ND		0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	ND		0.51	1.0
trans-1,2-Dichloroethene	ND		0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	ND		0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-31

Lab Sample ID: 480-60219-3

Client Matrix: Water

Date Sampled: 05/20/2014 1440

Date Received: 05/20/2014 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-183684	Instrument ID:	HP5973S
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	S38414.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/23/2014 0909			Final Weight/Volume:	5 mL
Prep Date:	05/23/2014 0909				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		66 - 137
4-Bromofluorobenzene (Surr)	99		73 - 120
Toluene-d8 (Surr)	104		71 - 126

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: TB

Lab Sample ID: 480-60219-4

Date Sampled: 05/20/2014 0000

Client Matrix: Water

Date Received: 05/20/2014 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analysis Batch: 480-183684

Instrument ID: HP5973S

Prep Method: 5030C

Prep Batch: N/A

Lab File ID: S38415.D

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 05/23/2014 0931

Final Weight/Volume: 5 mL

Prep Date: 05/23/2014 0931

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	ND		0.82	1.0
1,1,2,2-Tetrachloroethane	ND		0.21	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.31	1.0
1,1,2-Trichloroethane	ND		0.23	1.0
1,1-Dichloroethane	ND		0.38	1.0
1,1-Dichloroethene	ND		0.29	1.0
1,2,4-Trichlorobenzene	ND		0.41	1.0
1,2-Dibromo-3-Chloropropane	ND		0.39	1.0
1,2-Dibromoethane	ND		0.73	1.0
1,2-Dichlorobenzene	ND		0.79	1.0
1,2-Dichloroethane	ND		0.21	1.0
1,2-Dichloropropane	ND		0.72	1.0
1,3-Dichlorobenzene	ND		0.78	1.0
1,4-Dichlorobenzene	ND		0.84	1.0
2-Butanone (MEK)	ND		1.3	10
2-Hexanone	ND		1.2	5.0
4-Methyl-2-pentanone (MIBK)	ND		2.1	5.0
Acetone	ND		3.0	10
Benzene	ND		0.41	1.0
Bromodichloromethane	ND		0.39	1.0
Bromoform	ND		0.26	1.0
Bromomethane	ND		0.69	1.0
Carbon disulfide	ND		0.19	1.0
Carbon tetrachloride	ND		0.27	1.0
Chlorobenzene	ND		0.75	1.0
Chloroethane	ND		0.32	1.0
Chloroform	ND		0.34	1.0
Chloromethane	ND		0.35	1.0
cis-1,2-Dichloroethene	ND		0.81	1.0
cis-1,3-Dichloropropene	ND		0.36	1.0
Cyclohexane	ND		0.18	1.0
Dibromochloromethane	ND		0.32	1.0
Dichlorodifluoromethane	ND		0.68	1.0
Ethylbenzene	ND		0.74	1.0
Isopropylbenzene	ND		0.79	1.0
Methyl acetate	ND		0.50	2.5
Methyl tert-butyl ether	ND		0.16	1.0
Methylcyclohexane	ND		0.16	1.0
Methylene Chloride	0.55	J	0.44	1.0
Styrene	ND		0.73	1.0
Tetrachloroethene	ND		0.36	1.0
Toluene	ND		0.51	1.0
trans-1,2-Dichloroethene	ND		0.90	1.0
trans-1,3-Dichloropropene	ND		0.37	1.0
Trichloroethene	ND		0.46	1.0
Trichlorofluoromethane	ND		0.88	1.0

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: TB

Lab Sample ID: 480-60219-4

Client Matrix: Water

Date Sampled: 05/20/2014 0000

Date Received: 05/20/2014 1630

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	480-183684	Instrument ID:	HP5973S
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	S38415.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/23/2014 0931			Final Weight/Volume:	5 mL
Prep Date:	05/23/2014 0931				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	ND		0.90	1.0
Xylenes, Total	ND		0.66	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110		66 - 137
4-Bromofluorobenzene (Surr)	99		73 - 120
Toluene-d8 (Surr)	105		71 - 126

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-35

Lab Sample ID: 480-60169-1

Client Matrix: Water

Date Sampled: 05/19/2014 1150

Date Received: 05/19/2014 1845

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	480-184939	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-183336	Lab File ID:	W07493.D
Dilution:	1.0			Initial Weight/Volume:	258.7 mL
Analysis Date:	05/31/2014 0335			Final Weight/Volume:	1 mL
Prep Date:	05/21/2014 1127			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Biphenyl	ND		0.63	4.8
bis (2-chloroisopropyl) ether	ND		0.50	4.8
2,4,5-Trichlorophenol	ND		0.46	4.8
2,4,6-Trichlorophenol	ND		0.59	4.8
2,4-Dichlorophenol	ND	*	0.49	4.8
2,4-Dimethylphenol	ND		0.48	4.8
2,4-Dinitrophenol	ND		2.1	9.7
2,4-Dinitrotoluene	ND		0.43	4.8
2,6-Dinitrotoluene	ND		0.39	4.8
2-Chloronaphthalene	ND		0.44	4.8
2-Chlorophenol	0.68	J	0.51	4.8
2-Methylnaphthalene	ND		0.58	4.8
2-Methylphenol	ND		0.39	4.8
2-Nitroaniline	ND		0.41	9.7
2-Nitrophenol	ND		0.46	4.8
3,3'-Dichlorobenzidine	ND		0.39	4.8
3-Nitroaniline	ND	*	0.46	9.7
4,6-Dinitro-2-methylphenol	ND		2.1	9.7
4-Bromophenyl phenyl ether	ND		0.43	4.8
4-Chloro-3-methylphenol	ND		0.43	4.8
4-Chloroaniline	ND		0.57	4.8
4-Chlorophenyl phenyl ether	ND		0.34	4.8
4-Methylphenol	2.8	J * B	0.35	9.7
4-Nitroaniline	ND		0.24	9.7
4-Nitrophenol	ND		1.5	9.7
Acenaphthene	ND		0.40	4.8
Acenaphthylene	ND		0.37	4.8
Acetophenone	ND		0.52	4.8
Anthracene	ND		0.27	4.8
Atrazine	ND		0.44	4.8
Benzaldehyde	0.39	J B	0.26	4.8
Benzo(a)anthracene	ND		0.35	4.8
Benzo(a)pyrene	ND		0.45	4.8
Benzo(b)fluoranthene	ND		0.33	4.8
Benzo(g,h,i)perylene	ND		0.34	4.8
Benzo(k)fluoranthene	ND		0.71	4.8
Bis(2-chloroethoxy)methane	ND		0.34	4.8
Bis(2-chloroethyl)ether	ND		0.39	4.8
Bis(2-ethylhexyl) phthalate	ND		1.7	4.8
Butyl benzyl phthalate	ND		0.41	4.8
Caprolactam	ND		2.1	4.8
Carbazole	ND		0.29	4.8
Chrysene	ND		0.32	4.8
Di-n-butyl phthalate	0.63	J B	0.30	4.8
Di-n-octyl phthalate	ND		0.45	4.8
Dibenz(a,h)anthracene	ND		0.41	4.8

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-35

Lab Sample ID: 480-60169-1

Client Matrix: Water

Date Sampled: 05/19/2014 1150

Date Received: 05/19/2014 1845

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	480-184939	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-183336	Lab File ID:	W07493.D
Dilution:	1.0			Initial Weight/Volume:	258.7 mL
Analysis Date:	05/31/2014 0335			Final Weight/Volume:	1 mL
Prep Date:	05/21/2014 1127			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dibenzofuran	ND		0.49	9.7
Diethyl phthalate	ND		0.21	4.8
Dimethyl phthalate	ND		0.35	4.8
Fluoranthene	ND		0.39	4.8
Fluorene	ND		0.35	4.8
Hexachlorobenzene	ND	*	0.49	4.8
Hexachlorobutadiene	ND		0.66	4.8
Hexachlorocyclopentadiene	ND		0.57	4.8
Hexachloroethane	ND		0.57	4.8
Indeno(1,2,3-cd)pyrene	ND	*	0.45	4.8
Isophorone	ND		0.42	4.8
N-Nitrosodi-n-propylamine	ND		0.52	4.8
N-Nitrosodiphenylamine	ND		0.49	4.8
Naphthalene	ND		0.73	4.8
Nitrobenzene	ND		0.28	4.8
Pentachlorophenol	ND		2.1	9.7
Phenanthrene	0.62	J	0.43	4.8
Phenol	ND		0.38	4.8
Pyrene	ND		0.33	4.8

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	111		52 - 132
2-Fluorobiphenyl	84		48 - 120
2-Fluorophenol	58		20 - 120
Nitrobenzene-d5	77		46 - 120
p-Terphenyl-d14	104		67 - 150
Phenol-d5	52		16 - 120

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-36

Lab Sample ID: 480-60169-2

Client Matrix: Water

Date Sampled: 05/19/2014 1305

Date Received: 05/19/2014 1845

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	480-184939	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-183336	Lab File ID:	W07494.D
Dilution:	1.0			Initial Weight/Volume:	263.7 mL
Analysis Date:	05/31/2014 0359			Final Weight/Volume:	1 mL
Prep Date:	05/21/2014 1127			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Biphenyl	17		0.62	4.7
bis (2-chloroisopropyl) ether	ND		0.49	4.7
2,4,5-Trichlorophenol	ND		0.46	4.7
2,4,6-Trichlorophenol	ND		0.58	4.7
2,4-Dichlorophenol	ND	*	0.48	4.7
2,4-Dimethylphenol	18		0.47	4.7
2,4-Dinitrophenol	ND		2.1	9.5
2,4-Dinitrotoluene	ND		0.42	4.7
2,6-Dinitrotoluene	ND		0.38	4.7
2-Chloronaphthalene	ND		0.44	4.7
2-Chlorophenol	ND		0.50	4.7
2-Methylnaphthalene	1.2	J	0.57	4.7
2-Methylphenol	ND		0.38	4.7
2-Nitroaniline	ND		0.40	9.5
2-Nitrophenol	ND		0.46	4.7
3,3'-Dichlorobenzidine	ND		0.38	4.7
3-Nitroaniline	ND	*	0.46	9.5
4,6-Dinitro-2-methylphenol	ND		2.1	9.5
4-Bromophenyl phenyl ether	ND		0.43	4.7
4-Chloro-3-methylphenol	7.5		0.43	4.7
4-Chloroaniline	ND		0.56	4.7
4-Chlorophenyl phenyl ether	ND		0.33	4.7
4-Methylphenol	2.7	J * B	0.34	9.5
4-Nitroaniline	ND		0.24	9.5
4-Nitrophenol	ND		1.4	9.5
Acenaphthene	ND		0.39	4.7
Acenaphthylene	ND		0.36	4.7
Acetophenone	ND		0.51	4.7
Anthracene	ND		0.27	4.7
Atrazine	ND		0.44	4.7
Benzaldehyde	ND		0.25	4.7
Benzo(a)anthracene	ND		0.34	4.7
Benzo(a)pyrene	ND		0.45	4.7
Benzo(b)fluoranthene	ND		0.32	4.7
Benzo(g,h,i)perylene	ND		0.33	4.7
Benzo(k)fluoranthene	ND		0.69	4.7
Bis(2-chloroethoxy)methane	ND		0.33	4.7
Bis(2-chloroethyl)ether	ND		0.38	4.7
Bis(2-ethylhexyl) phthalate	5.4		1.7	4.7
Butyl benzyl phthalate	ND		0.40	4.7
Caprolactam	ND		2.1	4.7
Carbazole	ND		0.28	4.7
Chrysene	ND		0.31	4.7
Di-n-butyl phthalate	1.3	J B	0.29	4.7
Di-n-octyl phthalate	ND		0.45	4.7
Dibenz(a,h)anthracene	ND		0.40	4.7

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-36

Lab Sample ID: 480-60169-2

Client Matrix: Water

Date Sampled: 05/19/2014 1305

Date Received: 05/19/2014 1845

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	480-184939	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-183336	Lab File ID:	W07494.D
Dilution:	1.0			Initial Weight/Volume:	263.7 mL
Analysis Date:	05/31/2014 0359			Final Weight/Volume:	1 mL
Prep Date:	05/21/2014 1127			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dibenzofuran	ND		0.48	9.5
Diethyl phthalate	0.79	J B	0.21	4.7
Dimethyl phthalate	ND		0.34	4.7
Fluoranthene	ND		0.38	4.7
Fluorene	ND		0.34	4.7
Hexachlorobenzene	ND	*	0.48	4.7
Hexachlorobutadiene	ND		0.64	4.7
Hexachlorocyclopentadiene	ND		0.56	4.7
Hexachloroethane	ND		0.56	4.7
Indeno(1,2,3-cd)pyrene	ND	*	0.45	4.7
Isophorone	ND		0.41	4.7
N-Nitrosodi-n-propylamine	ND		0.51	4.7
N-Nitrosodiphenylamine	0.50	J	0.48	4.7
Naphthalene	7.1		0.72	4.7
Nitrobenzene	ND		0.27	4.7
Pentachlorophenol	ND		2.1	9.5
Phenanthrene	0.60	J	0.42	4.7
Phenol	2.8	J	0.37	4.7
Pyrene	ND		0.32	4.7

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	112		52 - 132
2-Fluorobiphenyl	85		48 - 120
2-Fluorophenol	61		20 - 120
Nitrobenzene-d5	82		46 - 120
p-Terphenyl-d14	106		67 - 150
Phenol-d5	51		16 - 120

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-34

Lab Sample ID: 480-60169-3

Client Matrix: Water

Date Sampled: 05/19/2014 1436

Date Received: 05/19/2014 1845

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	480-184939	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-183336	Lab File ID:	W07495.D
Dilution:	1.0			Initial Weight/Volume:	241.8 mL
Analysis Date:	05/31/2014 0423			Final Weight/Volume:	1 mL
Prep Date:	05/21/2014 1127			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Biphenyl	ND		0.68	5.2
bis (2-chloroisopropyl) ether	ND		0.54	5.2
2,4,5-Trichlorophenol	ND		0.50	5.2
2,4,6-Trichlorophenol	ND		0.63	5.2
2,4-Dichlorophenol	ND	*	0.53	5.2
2,4-Dimethylphenol	ND		0.52	5.2
2,4-Dinitrophenol	ND		2.3	10
2,4-Dinitrotoluene	ND		0.46	5.2
2,6-Dinitrotoluene	ND		0.41	5.2
2-Chloronaphthalene	ND		0.48	5.2
2-Chlorophenol	ND		0.55	5.2
2-Methylnaphthalene	ND		0.62	5.2
2-Methylphenol	ND		0.41	5.2
2-Nitroaniline	ND		0.43	10
2-Nitrophenol	ND		0.50	5.2
3,3'-Dichlorobenzidine	ND		0.41	5.2
3-Nitroaniline	ND	*	0.50	10
4,6-Dinitro-2-methylphenol	ND		2.3	10
4-Bromophenyl phenyl ether	ND		0.47	5.2
4-Chloro-3-methylphenol	ND		0.47	5.2
4-Chloroaniline	ND		0.61	5.2
4-Chlorophenyl phenyl ether	ND		0.36	5.2
4-Methylphenol	2.2	J * B	0.37	10
4-Nitroaniline	ND		0.26	10
4-Nitrophenol	ND		1.6	10
Acenaphthene	ND		0.42	5.2
Acenaphthylene	ND		0.39	5.2
Acetophenone	ND		0.56	5.2
Anthracene	ND		0.29	5.2
Atrazine	ND		0.48	5.2
Benzaldehyde	ND		0.28	5.2
Benzo(a)anthracene	ND		0.37	5.2
Benzo(a)pyrene	ND		0.49	5.2
Benzo(b)fluoranthene	ND		0.35	5.2
Benzo(g,h,i)perylene	ND		0.36	5.2
Benzo(k)fluoranthene	ND		0.75	5.2
Bis(2-chloroethoxy)methane	ND		0.36	5.2
Bis(2-chloroethyl)ether	ND		0.41	5.2
Bis(2-ethylhexyl) phthalate	ND		1.9	5.2
Butyl benzyl phthalate	ND		0.43	5.2
Caprolactam	ND		2.3	5.2
Carbazole	ND		0.31	5.2
Chrysene	ND		0.34	5.2
Di-n-butyl phthalate	0.41	J B	0.32	5.2
Di-n-octyl phthalate	ND		0.49	5.2
Dibenz(a,h)anthracene	ND		0.43	5.2

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-34

Lab Sample ID: 480-60169-3

Client Matrix: Water

Date Sampled: 05/19/2014 1436

Date Received: 05/19/2014 1845

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	480-184939	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-183336	Lab File ID:	W07495.D
Dilution:	1.0			Initial Weight/Volume:	241.8 mL
Analysis Date:	05/31/2014 0423			Final Weight/Volume:	1 mL
Prep Date:	05/21/2014 1127			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dibenzofuran	ND		0.53	10
Diethyl phthalate	ND		0.23	5.2
Dimethyl phthalate	ND		0.37	5.2
Fluoranthene	ND		0.41	5.2
Fluorene	ND		0.37	5.2
Hexachlorobenzene	ND	*	0.53	5.2
Hexachlorobutadiene	ND		0.70	5.2
Hexachlorocyclopentadiene	ND		0.61	5.2
Hexachloroethane	ND		0.61	5.2
Indeno(1,2,3-cd)pyrene	ND	*	0.49	5.2
Isophorone	ND		0.44	5.2
N-Nitrosodi-n-propylamine	ND		0.56	5.2
N-Nitrosodiphenylamine	ND		0.53	5.2
Naphthalene	ND		0.79	5.2
Nitrobenzene	ND		0.30	5.2
Pentachlorophenol	ND		2.3	10
Phenanthrene	0.46	J	0.45	5.2
Phenol	ND		0.40	5.2
Pyrene	ND		0.35	5.2

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	116		52 - 132
2-Fluorobiphenyl	93		48 - 120
2-Fluorophenol	67		20 - 120
Nitrobenzene-d5	87		46 - 120
p-Terphenyl-d14	114		67 - 150
Phenol-d5	60		16 - 120

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-16

Lab Sample ID: 480-60169-4

Client Matrix: Water

Date Sampled: 05/19/2014 1605

Date Received: 05/19/2014 1845

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	480-184939	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-183336	Lab File ID:	W07496.D
Dilution:	1.0			Initial Weight/Volume:	249.2 mL
Analysis Date:	05/31/2014 0447			Final Weight/Volume:	1 mL
Prep Date:	05/21/2014 1127			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Biphenyl	ND		0.66	5.0
bis (2-chloroisopropyl) ether	ND		0.52	5.0
2,4,5-Trichlorophenol	ND		0.48	5.0
2,4,6-Trichlorophenol	ND		0.61	5.0
2,4-Dichlorophenol	ND	*	0.51	5.0
2,4-Dimethylphenol	ND		0.50	5.0
2,4-Dinitrophenol	ND		2.2	10
2,4-Dinitrotoluene	ND		0.45	5.0
2,6-Dinitrotoluene	ND		0.40	5.0
2-Chloronaphthalene	ND		0.46	5.0
2-Chlorophenol	ND		0.53	5.0
2-Methylnaphthalene	0.92	J	0.60	5.0
2-Methylphenol	ND		0.40	5.0
2-Nitroaniline	ND		0.42	10
2-Nitrophenol	ND		0.48	5.0
3,3'-Dichlorobenzidine	ND		0.40	5.0
3-Nitroaniline	ND	*	0.48	10
4,6-Dinitro-2-methylphenol	ND		2.2	10
4-Bromophenyl phenyl ether	ND		0.45	5.0
4-Chloro-3-methylphenol	ND		0.45	5.0
4-Chloroaniline	ND		0.59	5.0
4-Chlorophenyl phenyl ether	ND		0.35	5.0
4-Methylphenol	2.1	J * B	0.36	10
4-Nitroaniline	ND		0.25	10
4-Nitrophenol	ND		1.5	10
Acenaphthene	ND		0.41	5.0
Acenaphthylene	ND		0.38	5.0
Acetophenone	1.5	J	0.54	5.0
Anthracene	ND		0.28	5.0
Atrazine	ND		0.46	5.0
Benzaldehyde	0.45	J B	0.27	5.0
Benzo(a)anthracene	ND		0.36	5.0
Benzo(a)pyrene	ND		0.47	5.0
Benzo(b)fluoranthene	ND		0.34	5.0
Benzo(g,h,i)perylene	ND		0.35	5.0
Benzo(k)fluoranthene	ND		0.73	5.0
Bis(2-chloroethoxy)methane	ND		0.35	5.0
Bis(2-chloroethyl)ether	ND		0.40	5.0
Bis(2-ethylhexyl) phthalate	3.6	J	1.8	5.0
Butyl benzyl phthalate	ND		0.42	5.0
Caprolactam	ND		2.2	5.0
Carbazole	ND		0.30	5.0
Chrysene	ND		0.33	5.0
Di-n-butyl phthalate	0.48	J B	0.31	5.0
Di-n-octyl phthalate	ND		0.47	5.0
Dibenz(a,h)anthracene	ND		0.42	5.0

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-16

Lab Sample ID: 480-60169-4

Client Matrix: Water

Date Sampled: 05/19/2014 1605

Date Received: 05/19/2014 1845

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	480-184939	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-183336	Lab File ID:	W07496.D
Dilution:	1.0			Initial Weight/Volume:	249.2 mL
Analysis Date:	05/31/2014 0447			Final Weight/Volume:	1 mL
Prep Date:	05/21/2014 1127			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dibenzofuran	ND		0.51	10
Diethyl phthalate	0.70	J B	0.22	5.0
Dimethyl phthalate	ND		0.36	5.0
Fluoranthene	ND		0.40	5.0
Fluorene	ND		0.36	5.0
Hexachlorobenzene	ND	*	0.51	5.0
Hexachlorobutadiene	ND		0.68	5.0
Hexachlorocyclopentadiene	ND		0.59	5.0
Hexachloroethane	ND		0.59	5.0
Indeno(1,2,3-cd)pyrene	ND	*	0.47	5.0
Isophorone	ND		0.43	5.0
N-Nitrosodi-n-propylamine	ND		0.54	5.0
N-Nitrosodiphenylamine	ND		0.51	5.0
Naphthalene	0.82	J	0.76	5.0
Nitrobenzene	ND		0.29	5.0
Pentachlorophenol	ND		2.2	10
Phenanthrene	0.45	J	0.44	5.0
Phenol	ND		0.39	5.0
Pyrene	ND		0.34	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	84		52 - 132
2-Fluorobiphenyl	68		48 - 120
2-Fluorophenol	37		20 - 120
Nitrobenzene-d5	60		46 - 120
p-Terphenyl-d14	85		67 - 150
Phenol-d5	37		16 - 120

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-32

Lab Sample ID: 480-60169-5

Client Matrix: Water

Date Sampled: 05/19/2014 1740

Date Received: 05/19/2014 1845

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	480-184939	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-183336	Lab File ID:	W07497.D
Dilution:	1.0			Initial Weight/Volume:	253 mL
Analysis Date:	05/31/2014 0511			Final Weight/Volume:	1 mL
Prep Date:	05/21/2014 1127			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Biphenyl	ND		0.65	4.9
bis (2-chloroisopropyl) ether	ND		0.51	4.9
2,4,5-Trichlorophenol	ND		0.47	4.9
2,4,6-Trichlorophenol	ND		0.60	4.9
2,4-Dichlorophenol	ND	*	0.50	4.9
2,4-Dimethylphenol	ND		0.49	4.9
2,4-Dinitrophenol	ND		2.2	9.9
2,4-Dinitrotoluene	ND		0.44	4.9
2,6-Dinitrotoluene	ND		0.40	4.9
2-Chloronaphthalene	ND		0.45	4.9
2-Chlorophenol	ND		0.52	4.9
2-Methylnaphthalene	ND		0.59	4.9
2-Methylphenol	ND		0.40	4.9
2-Nitroaniline	ND		0.42	9.9
2-Nitrophenol	ND		0.47	4.9
3,3'-Dichlorobenzidine	ND		0.40	4.9
3-Nitroaniline	ND	*	0.47	9.9
4,6-Dinitro-2-methylphenol	ND		2.2	9.9
4-Bromophenyl phenyl ether	ND		0.44	4.9
4-Chloro-3-methylphenol	ND		0.44	4.9
4-Chloroaniline	ND		0.58	4.9
4-Chlorophenyl phenyl ether	ND		0.35	4.9
4-Methylphenol	1.8	J * B	0.36	9.9
4-Nitroaniline	ND		0.25	9.9
4-Nitrophenol	ND		1.5	9.9
Acenaphthene	ND		0.41	4.9
Acenaphthylene	ND		0.38	4.9
Acetophenone	ND		0.53	4.9
Anthracene	ND		0.28	4.9
Atrazine	ND		0.45	4.9
Benzaldehyde	ND		0.26	4.9
Benzo(a)anthracene	ND		0.36	4.9
Benzo(a)pyrene	ND		0.46	4.9
Benzo(b)fluoranthene	ND		0.34	4.9
Benzo(g,h,i)perylene	ND		0.35	4.9
Benzo(k)fluoranthene	ND		0.72	4.9
Bis(2-chloroethoxy)methane	ND		0.35	4.9
Bis(2-chloroethyl)ether	ND		0.40	4.9
Bis(2-ethylhexyl) phthalate	ND		1.8	4.9
Butyl benzyl phthalate	ND		0.42	4.9
Caprolactam	ND		2.2	4.9
Carbazole	ND		0.30	4.9
Chrysene	ND		0.33	4.9
Di-n-butyl phthalate	0.53	J B	0.31	4.9
Di-n-octyl phthalate	ND		0.46	4.9
Dibenz(a,h)anthracene	ND		0.42	4.9

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-32

Lab Sample ID: 480-60169-5

Client Matrix: Water

Date Sampled: 05/19/2014 1740

Date Received: 05/19/2014 1845

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	480-184939	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-183336	Lab File ID:	W07497.D
Dilution:	1.0			Initial Weight/Volume:	253 mL
Analysis Date:	05/31/2014 0511			Final Weight/Volume:	1 mL
Prep Date:	05/21/2014 1127			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dibenzofuran	ND		0.50	9.9
Diethyl phthalate	0.47	J B	0.22	4.9
Dimethyl phthalate	ND		0.36	4.9
Fluoranthene	ND		0.40	4.9
Fluorene	ND		0.36	4.9
Hexachlorobenzene	ND	*	0.50	4.9
Hexachlorobutadiene	ND		0.67	4.9
Hexachlorocyclopentadiene	ND		0.58	4.9
Hexachloroethane	ND		0.58	4.9
Indeno(1,2,3-cd)pyrene	ND	*	0.46	4.9
Isophorone	ND		0.42	4.9
N-Nitrosodi-n-propylamine	ND		0.53	4.9
N-Nitrosodiphenylamine	ND		0.50	4.9
Naphthalene	ND		0.75	4.9
Nitrobenzene	ND		0.29	4.9
Pentachlorophenol	ND		2.2	9.9
Phenanthrene	0.96	J	0.43	4.9
Phenol	ND		0.39	4.9
Pyrene	ND		0.34	4.9

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	106		52 - 132
2-Fluorobiphenyl	76		48 - 120
2-Fluorophenol	48		20 - 120
Nitrobenzene-d5	69		46 - 120
p-Terphenyl-d14	108		67 - 150
Phenol-d5	42		16 - 120

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-37

Lab Sample ID: 480-60219-1

Date Sampled: 05/20/2014 1040

Client Matrix: Water

Date Received: 05/20/2014 1630

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	480-184750	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-183336	Lab File ID:	W07479.D
Dilution:	1.0			Initial Weight/Volume:	262.1 mL
Analysis Date:	05/30/2014 1530			Final Weight/Volume:	1 mL
Prep Date:	05/21/2014 1127			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Biphenyl	ND		0.62	4.8
bis (2-chloroisopropyl) ether	ND		0.50	4.8
2,4,5-Trichlorophenol	ND		0.46	4.8
2,4,6-Trichlorophenol	ND		0.58	4.8
2,4-Dichlorophenol	ND	*	0.49	4.8
2,4-Dimethylphenol	ND		0.48	4.8
2,4-Dinitrophenol	ND		2.1	9.5
2,4-Dinitrotoluene	ND		0.43	4.8
2,6-Dinitrotoluene	ND		0.38	4.8
2-Chloronaphthalene	ND		0.44	4.8
2-Chlorophenol	ND		0.51	4.8
2-Methylnaphthalene	ND		0.57	4.8
2-Methylphenol	ND		0.38	4.8
2-Nitroaniline	ND		0.40	9.5
2-Nitrophenol	ND		0.46	4.8
3,3'-Dichlorobenzidine	ND		0.38	4.8
3-Nitroaniline	ND	*	0.46	9.5
4,6-Dinitro-2-methylphenol	ND		2.1	9.5
4-Bromophenyl phenyl ether	ND		0.43	4.8
4-Chloro-3-methylphenol	ND		0.43	4.8
4-Chloroaniline	ND		0.56	4.8
4-Chlorophenyl phenyl ether	ND		0.33	4.8
4-Methylphenol	1.8	J * B	0.34	9.5
4-Nitroaniline	ND		0.24	9.5
4-Nitrophenol	ND		1.4	9.5
Acenaphthene	ND		0.39	4.8
Acenaphthylene	ND		0.36	4.8
Acetophenone	ND		0.52	4.8
Anthracene	ND		0.27	4.8
Atrazine	ND		0.44	4.8
Benzaldehyde	0.32	J B	0.25	4.8
Benzo(a)anthracene	ND		0.34	4.8
Benzo(a)pyrene	ND		0.45	4.8
Benzo(b)fluoranthene	ND		0.32	4.8
Benzo(g,h,i)perylene	ND		0.33	4.8
Benzo(k)fluoranthene	ND		0.70	4.8
Bis(2-chloroethoxy)methane	ND		0.33	4.8
Bis(2-chloroethyl)ether	ND		0.38	4.8
Bis(2-ethylhexyl) phthalate	ND		1.7	4.8
Butyl benzyl phthalate	ND		0.40	4.8
Caprolactam	ND		2.1	4.8
Carbazole	ND		0.29	4.8
Chrysene	ND		0.31	4.8
Di-n-butyl phthalate	0.40	J B	0.30	4.8
Di-n-octyl phthalate	ND		0.45	4.8
Dibenz(a,h)anthracene	ND		0.40	4.8

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-37

Lab Sample ID: 480-60219-1

Client Matrix: Water

Date Sampled: 05/20/2014 1040

Date Received: 05/20/2014 1630

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	480-184750	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-183336	Lab File ID:	W07479.D
Dilution:	1.0			Initial Weight/Volume:	262.1 mL
Analysis Date:	05/30/2014 1530			Final Weight/Volume:	1 mL
Prep Date:	05/21/2014 1127			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dibenzofuran	ND		0.49	9.5
Diethyl phthalate	ND		0.21	4.8
Dimethyl phthalate	ND		0.34	4.8
Fluoranthene	ND		0.38	4.8
Fluorene	ND		0.34	4.8
Hexachlorobenzene	ND	*	0.49	4.8
Hexachlorobutadiene	ND		0.65	4.8
Hexachlorocyclopentadiene	ND		0.56	4.8
Hexachloroethane	ND		0.56	4.8
Indeno(1,2,3-cd)pyrene	ND	*	0.45	4.8
Isophorone	ND		0.41	4.8
N-Nitrosodi-n-propylamine	ND		0.52	4.8
N-Nitrosodiphenylamine	ND		0.49	4.8
Naphthalene	2.0	J	0.72	4.8
Nitrobenzene	ND		0.28	4.8
Pentachlorophenol	ND		2.1	9.5
Phenanthrene	0.85	J	0.42	4.8
Phenol	ND		0.37	4.8
Pyrene	ND		0.32	4.8

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	110		52 - 132
2-Fluorobiphenyl	97		48 - 120
2-Fluorophenol	63		20 - 120
Nitrobenzene-d5	86		46 - 120
p-Terphenyl-d14	102		67 - 150
Phenol-d5	53		16 - 120

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-33

Lab Sample ID: 480-60219-2

Client Matrix: Water

Date Sampled: 05/20/2014 1240

Date Received: 05/20/2014 1630

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	480-184750	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-183336	Lab File ID:	W07480.D
Dilution:	1.0			Initial Weight/Volume:	265.2 mL
Analysis Date:	05/30/2014 1554			Final Weight/Volume:	1 mL
Prep Date:	05/21/2014 1127			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Biphenyl	ND		0.62	4.7
bis (2-chloroisopropyl) ether	ND		0.49	4.7
2,4,5-Trichlorophenol	ND		0.45	4.7
2,4,6-Trichlorophenol	ND		0.58	4.7
2,4-Dichlorophenol	ND	*	0.48	4.7
2,4-Dimethylphenol	ND		0.47	4.7
2,4-Dinitrophenol	ND		2.1	9.4
2,4-Dinitrotoluene	ND		0.42	4.7
2,6-Dinitrotoluene	ND		0.38	4.7
2-Chloronaphthalene	ND		0.43	4.7
2-Chlorophenol	ND		0.50	4.7
2-Methylnaphthalene	ND		0.57	4.7
2-Methylphenol	ND		0.38	4.7
2-Nitroaniline	ND		0.40	9.4
2-Nitrophenol	ND		0.45	4.7
3,3'-Dichlorobenzidine	ND		0.38	4.7
3-Nitroaniline	ND	*	0.45	9.4
4,6-Dinitro-2-methylphenol	ND		2.1	9.4
4-Bromophenyl phenyl ether	ND		0.42	4.7
4-Chloro-3-methylphenol	ND		0.42	4.7
4-Chloroaniline	ND		0.56	4.7
4-Chlorophenyl phenyl ether	ND		0.33	4.7
4-Methylphenol	1.4	J * B	0.34	9.4
4-Nitroaniline	ND		0.24	9.4
4-Nitrophenol	ND		1.4	9.4
Acenaphthene	ND		0.39	4.7
Acenaphthylene	ND		0.36	4.7
Acetophenone	ND		0.51	4.7
Anthracene	ND		0.26	4.7
Atrazine	ND		0.43	4.7
Benzaldehyde	ND		0.25	4.7
Benzo(a)anthracene	ND		0.34	4.7
Benzo(a)pyrene	ND		0.44	4.7
Benzo(b)fluoranthene	ND		0.32	4.7
Benzo(g,h,i)perylene	ND		0.33	4.7
Benzo(k)fluoranthene	ND		0.69	4.7
Bis(2-chloroethoxy)methane	ND		0.33	4.7
Bis(2-chloroethyl)ether	ND		0.38	4.7
Bis(2-ethylhexyl) phthalate	ND		1.7	4.7
Butyl benzyl phthalate	ND		0.40	4.7
Caprolactam	ND		2.1	4.7
Carbazole	ND		0.28	4.7
Chrysene	ND		0.31	4.7
Di-n-butyl phthalate	0.58	J B	0.29	4.7
Di-n-octyl phthalate	ND		0.44	4.7
Dibenz(a,h)anthracene	ND		0.40	4.7

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-33

Lab Sample ID: 480-60219-2

Client Matrix: Water

Date Sampled: 05/20/2014 1240

Date Received: 05/20/2014 1630

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	480-184750	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-183336	Lab File ID:	W07480.D
Dilution:	1.0			Initial Weight/Volume:	265.2 mL
Analysis Date:	05/30/2014 1554			Final Weight/Volume:	1 mL
Prep Date:	05/21/2014 1127			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dibenzofuran	ND		0.48	9.4
Diethyl phthalate	ND		0.21	4.7
Dimethyl phthalate	ND		0.34	4.7
Fluoranthene	ND		0.38	4.7
Fluorene	ND		0.34	4.7
Hexachlorobenzene	ND	*	0.48	4.7
Hexachlorobutadiene	ND		0.64	4.7
Hexachlorocyclopentadiene	ND		0.56	4.7
Hexachloroethane	ND		0.56	4.7
Indeno(1,2,3-cd)pyrene	ND	*	0.44	4.7
Isophorone	ND		0.41	4.7
N-Nitrosodi-n-propylamine	ND		0.51	4.7
N-Nitrosodiphenylamine	ND		0.48	4.7
Naphthalene	ND		0.72	4.7
Nitrobenzene	ND		0.27	4.7
Pentachlorophenol	ND		2.1	9.4
Phenanthrene	0.50	J	0.41	4.7
Phenol	ND		0.37	4.7
Pyrene	ND		0.32	4.7

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	108		52 - 132
2-Fluorobiphenyl	98		48 - 120
2-Fluorophenol	62		20 - 120
Nitrobenzene-d5	89		46 - 120
p-Terphenyl-d14	99		67 - 150
Phenol-d5	48		16 - 120

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-31

Lab Sample ID: 480-60219-3

Client Matrix: Water

Date Sampled: 05/20/2014 1440

Date Received: 05/20/2014 1630

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	480-184750	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-183336	Lab File ID:	W07481.D
Dilution:	1.0			Initial Weight/Volume:	261.4 mL
Analysis Date:	05/30/2014 1618			Final Weight/Volume:	1 mL
Prep Date:	05/21/2014 1127			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Biphenyl	ND		0.62	4.8
bis (2-chloroisopropyl) ether	ND		0.50	4.8
2,4,5-Trichlorophenol	ND		0.46	4.8
2,4,6-Trichlorophenol	ND		0.58	4.8
2,4-Dichlorophenol	ND	*	0.49	4.8
2,4-Dimethylphenol	ND		0.48	4.8
2,4-Dinitrophenol	ND		2.1	9.6
2,4-Dinitrotoluene	ND		0.43	4.8
2,6-Dinitrotoluene	ND		0.38	4.8
2-Chloronaphthalene	ND		0.44	4.8
2-Chlorophenol	ND		0.51	4.8
2-Methylnaphthalene	ND		0.57	4.8
2-Methylphenol	0.47	J	0.38	4.8
2-Nitroaniline	ND		0.40	9.6
2-Nitrophenol	ND		0.46	4.8
3,3'-Dichlorobenzidine	ND		0.38	4.8
3-Nitroaniline	ND	*	0.46	9.6
4,6-Dinitro-2-methylphenol	ND		2.1	9.6
4-Bromophenyl phenyl ether	ND		0.43	4.8
4-Chloro-3-methylphenol	ND		0.43	4.8
4-Chloroaniline	ND		0.56	4.8
4-Chlorophenyl phenyl ether	ND		0.33	4.8
4-Methylphenol	3.5	J * B	0.34	9.6
4-Nitroaniline	ND		0.24	9.6
4-Nitrophenol	ND		1.5	9.6
Acenaphthene	ND		0.39	4.8
Acenaphthylene	ND		0.36	4.8
Acetophenone	1.4	J	0.52	4.8
Anthracene	ND		0.27	4.8
Atrazine	ND		0.44	4.8
Benzaldehyde	0.44	J B	0.26	4.8
Benzo(a)anthracene	ND		0.34	4.8
Benzo(a)pyrene	ND		0.45	4.8
Benzo(b)fluoranthene	ND		0.33	4.8
Benzo(g,h,i)perylene	ND		0.33	4.8
Benzo(k)fluoranthene	ND		0.70	4.8
Bis(2-chloroethoxy)methane	ND		0.33	4.8
Bis(2-chloroethyl)ether	ND		0.38	4.8
Bis(2-ethylhexyl) phthalate	ND		1.7	4.8
Butyl benzyl phthalate	ND		0.40	4.8
Caprolactam	ND		2.1	4.8
Carbazole	ND		0.29	4.8
Chrysene	ND		0.32	4.8
Di-n-butyl phthalate	0.81	J B	0.30	4.8
Di-n-octyl phthalate	ND		0.45	4.8
Dibenz(a,h)anthracene	ND		0.40	4.8

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-31

Lab Sample ID: 480-60219-3

Client Matrix: Water

Date Sampled: 05/20/2014 1440

Date Received: 05/20/2014 1630

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	480-184750	Instrument ID:	HP5973W
Prep Method:	3510C	Prep Batch:	480-183336	Lab File ID:	W07481.D
Dilution:	1.0			Initial Weight/Volume:	261.4 mL
Analysis Date:	05/30/2014 1618			Final Weight/Volume:	1 mL
Prep Date:	05/21/2014 1127			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dibenzofuran	ND		0.49	9.6
Diethyl phthalate	ND		0.21	4.8
Dimethyl phthalate	ND		0.34	4.8
Fluoranthene	ND		0.38	4.8
Fluorene	ND		0.34	4.8
Hexachlorobenzene	ND	*	0.49	4.8
Hexachlorobutadiene	ND		0.65	4.8
Hexachlorocyclopentadiene	ND		0.56	4.8
Hexachloroethane	ND		0.56	4.8
Indeno(1,2,3-cd)pyrene	ND	*	0.45	4.8
Isophorone	ND		0.41	4.8
N-Nitrosodi-n-propylamine	ND		0.52	4.8
N-Nitrosodiphenylamine	ND		0.49	4.8
Naphthalene	0.78	J	0.73	4.8
Nitrobenzene	ND		0.28	4.8
Pentachlorophenol	ND		2.1	9.6
Phenanthrene	0.75	J	0.42	4.8
Phenol	1.1	J	0.37	4.8
Pyrene	ND		0.33	4.8

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol	103		52 - 132
2-Fluorobiphenyl	95		48 - 120
2-Fluorophenol	64		20 - 120
Nitrobenzene-d5	87		46 - 120
p-Terphenyl-d14	102		67 - 150
Phenol-d5	58		16 - 120

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-35

Lab Sample ID: 480-60169-1

Date Sampled: 05/19/2014 1150

Client Matrix: Water

Date Received: 05/19/2014 1845

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	480-183531	Instrument ID:	HP6890-25
Prep Method:	3510C	Prep Batch:	480-183216	Initial Weight/Volume:	259.5 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	05/22/2014 1728			Injection Volume:	1 uL
Prep Date:	05/21/2014 0623			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	0.016	J	0.0089	0.048
4,4'-DDE	0.019	J	0.011	0.048
4,4'-DDT	0.025	J	0.011	0.048
Aldrin	ND		0.0078	0.048
alpha-BHC	0.013	J	0.0074	0.048
cis-Chlordane	ND		0.014	0.048
beta-BHC	ND		0.024	0.048
delta-BHC	ND		0.0096	0.048
Dieldrin	ND		0.0094	0.048
Endosulfan I	ND		0.011	0.048
Endosulfan II	ND		0.012	0.048
Endosulfan sulfate	ND		0.015	0.048
Endrin	ND		0.013	0.048
Endrin aldehyde	ND		0.016	0.048
Endrin ketone	ND		0.012	0.048
gamma-BHC (Lindane)	0.026	J	0.0077	0.048
trans-Chlordane	0.011	J	0.011	0.048
Heptachlor	ND		0.0082	0.048
Heptachlor epoxide	ND		0.0071	0.048
Methoxychlor	ND		0.014	0.048
Toxaphene	ND		0.12	0.48
Surrogate	%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl	48		20 - 120	
Tetrachloro-m-xylene	80		36 - 120	

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-35

Lab Sample ID: 480-60169-1

Date Sampled: 05/19/2014 1150

Client Matrix: Water

Date Received: 05/19/2014 1845

8081B Organochlorine Pesticides (GC)

Analysis Method: 8081B

Analysis Batch: 480-183531

Instrument ID: HP6890-25

Prep Method: 3510C

Prep Batch: 480-183216

Initial Weight/Volume: 259.5 mL

Dilution: 1.0

Final Weight/Volume: 2 mL

Analysis Date: 05/22/2014 1728

Injection Volume: 1 uL

Prep Date: 05/21/2014 0623

Result Type: SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	43		20 - 120
Tetrachloro-m-xylene	86		36 - 120

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-36

Lab Sample ID: 480-60169-2

Date Sampled: 05/19/2014 1305

Client Matrix: Water

Date Received: 05/19/2014 1845

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	480-183531	Instrument ID:	HP6890-25
Prep Method:	3510C	Prep Batch:	480-183216	Initial Weight/Volume:	239.2 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	05/22/2014 1746			Injection Volume:	1 uL
Prep Date:	05/21/2014 0623			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	0.022	J	0.0096	0.052
4,4'-DDE	0.019	J	0.012	0.052
4,4'-DDT	0.032	J	0.011	0.052
Aldrin	ND		0.0085	0.052
alpha-BHC	0.022	J	0.0080	0.052
cis-Chlordane	ND		0.015	0.052
beta-BHC	ND		0.026	0.052
delta-BHC	0.018	J B	0.010	0.052
Dieldrin	ND		0.010	0.052
Endosulfan I	ND		0.011	0.052
Endosulfan II	ND		0.013	0.052
Endosulfan sulfate	ND		0.016	0.052
Endrin	ND		0.014	0.052
Endrin aldehyde	0.022	J	0.017	0.052
Endrin ketone	ND		0.013	0.052
gamma-BHC (Lindane)	0.022	J	0.0084	0.052
trans-Chlordane	ND		0.011	0.052
Heptachlor	ND		0.0089	0.052
Heptachlor epoxide	ND		0.0077	0.052
Methoxychlor	ND		0.015	0.052
Toxaphene	ND		0.13	0.52
Surrogate	%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl	36		20 - 120	
Tetrachloro-m-xylene	86		36 - 120	

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-36

Lab Sample ID: 480-60169-2

Date Sampled: 05/19/2014 1305

Client Matrix: Water

Date Received: 05/19/2014 1845

8081B Organochlorine Pesticides (GC)

Analysis Method: 8081B

Analysis Batch: 480-183531

Instrument ID: HP6890-25

Prep Method: 3510C

Prep Batch: 480-183216

Initial Weight/Volume: 239.2 mL

Dilution: 1.0

Final Weight/Volume: 2 mL

Analysis Date: 05/22/2014 1746

Injection Volume: 1 uL

Prep Date: 05/21/2014 0623

Result Type: SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	36		20 - 120
Tetrachloro-m-xylene	79		36 - 120

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-34

Lab Sample ID: 480-60169-3

Client Matrix: Water

Date Sampled: 05/19/2014 1436

Date Received: 05/19/2014 1845

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	480-183531	Instrument ID:	HP6890-25
Prep Method:	3510C	Prep Batch:	480-183216	Initial Weight/Volume:	259.4 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	05/22/2014 1839			Injection Volume:	1 uL
Prep Date:	05/21/2014 0623			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	0.012	J	0.0089	0.048
4,4'-DDE	ND		0.011	0.048
4,4'-DDT	ND		0.011	0.048
Aldrin	0.033	J	0.0078	0.048
alpha-BHC	ND		0.0074	0.048
cis-Chlordane	ND		0.014	0.048
beta-BHC	ND		0.024	0.048
delta-BHC	0.015	J B	0.0096	0.048
Dieldrin	ND		0.0094	0.048
Endosulfan I	ND		0.011	0.048
Endosulfan II	ND		0.012	0.048
Endosulfan sulfate	ND		0.015	0.048
Endrin	ND		0.013	0.048
Endrin aldehyde	ND		0.016	0.048
Endrin ketone	ND		0.012	0.048
gamma-BHC (Lindane)	0.016	J	0.0077	0.048
trans-Chlordane	ND		0.011	0.048
Heptachlor	ND		0.0082	0.048
Heptachlor epoxide	ND		0.0071	0.048
Methoxychlor	0.051		0.014	0.048
Toxaphene	ND		0.12	0.48
Surrogate	%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl	66		20 - 120	
Tetrachloro-m-xylene	76		36 - 120	

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-34

Lab Sample ID: 480-60169-3

Date Sampled: 05/19/2014 1436

Client Matrix: Water

Date Received: 05/19/2014 1845

8081B Organochlorine Pesticides (GC)

Analysis Method: 8081B

Analysis Batch: 480-183531

Instrument ID: HP6890-25

Prep Method: 3510C

Prep Batch: 480-183216

Initial Weight/Volume: 259.4 mL

Dilution: 1.0

Final Weight/Volume: 2 mL

Analysis Date: 05/22/2014 1839

Injection Volume: 1 uL

Prep Date: 05/21/2014 0623

Result Type: SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	62		20 - 120
Tetrachloro-m-xylene	89		36 - 120

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-16

Lab Sample ID: 480-60169-4

Client Matrix: Water

Date Sampled: 05/19/2014 1605

Date Received: 05/19/2014 1845

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	480-183749	Instrument ID:	HP6890-25
Prep Method:	3510C	Prep Batch:	480-183216	Initial Weight/Volume:	255.5 mL
Dilution:	5.0			Final Weight/Volume:	2 mL
Analysis Date:	05/23/2014 1620			Injection Volume:	1 uL
Prep Date:	05/21/2014 0623			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	ND		0.045	0.24
4,4'-DDE	ND		0.057	0.24
4,4'-DDT	ND		0.054	0.24
Aldrin	ND		0.040	0.24
alpha-BHC	ND		0.038	0.24
cis-Chlordane	ND		0.072	0.24
beta-BHC	ND		0.12	0.24
delta-BHC	ND		0.049	0.24
Dieldrin	ND		0.048	0.24
Endosulfan I	ND		0.054	0.24
Endosulfan II	ND		0.059	0.24
Endosulfan sulfate	ND		0.077	0.24
Endrin	ND		0.068	0.24
Endrin aldehyde	ND		0.080	0.24
Endrin ketone	ND		0.059	0.24
gamma-BHC (Lindane)	ND		0.039	0.24
trans-Chlordane	ND		0.054	0.24
Heptachlor	ND		0.042	0.24
Heptachlor epoxide	ND		0.036	0.24
Methoxychlor	ND		0.069	0.24
Toxaphene	ND		0.59	2.4
Surrogate	%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl	21		20 - 120	
Tetrachloro-m-xylene	93		36 - 120	

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-16

Lab Sample ID: 480-60169-4

Client Matrix: Water

Date Sampled: 05/19/2014 1605

Date Received: 05/19/2014 1845

8081B Organochlorine Pesticides (GC)

Analysis Method: 8081B

Prep Method: 3510C

Dilution: 5.0

Analysis Date: 05/23/2014 1620

Prep Date: 05/21/2014 0623

Analysis Batch: 480-183749

Prep Batch: 480-183216

Instrument ID: HP6890-25

Initial Weight/Volume: 255.5 mL

Final Weight/Volume: 2 mL

Injection Volume: 1 uL

Result Type: SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	32		20 - 120
Tetrachloro-m-xylene	82		36 - 120

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-32

Lab Sample ID: 480-60169-5

Client Matrix: Water

Date Sampled: 05/19/2014 1740

Date Received: 05/19/2014 1845

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	480-183531	Instrument ID:	HP6890-25
Prep Method:	3510C	Prep Batch:	480-183216	Initial Weight/Volume:	253.2 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	05/22/2014 1915			Injection Volume:	1 uL
Prep Date:	05/21/2014 0623			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	0.039	J	0.0091	0.049
4,4'-DDE	ND		0.011	0.049
4,4'-DDT	0.053		0.011	0.049
Aldrin	0.011	J	0.0080	0.049
alpha-BHC	ND		0.0076	0.049
cis-Chlordane	ND		0.015	0.049
beta-BHC	ND		0.024	0.049
delta-BHC	0.069	B	0.0099	0.049
Dieldrin	0.027	J	0.0097	0.049
Endosulfan I	0.028	J	0.011	0.049
Endosulfan II	ND		0.012	0.049
Endosulfan sulfate	ND		0.016	0.049
Endrin	0.070		0.014	0.049
Endrin aldehyde	0.038	J	0.016	0.049
Endrin ketone	0.017	J	0.012	0.049
gamma-BHC (Lindane)	ND		0.0079	0.049
trans-Chlordane	ND		0.011	0.049
Heptachlor	0.021	J	0.0084	0.049
Heptachlor epoxide	ND		0.0073	0.049
Methoxychlor	0.094		0.014	0.049
Toxaphene	ND		0.12	0.49
Surrogate	%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl	58		20 - 120	
Tetrachloro-m-xylene	72		36 - 120	

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-32

Lab Sample ID: 480-60169-5

Date Sampled: 05/19/2014 1740

Client Matrix: Water

Date Received: 05/19/2014 1845

8081B Organochlorine Pesticides (GC)

Analysis Method: 8081B

Analysis Batch: 480-183531

Instrument ID: HP6890-25

Prep Method: 3510C

Prep Batch: 480-183216

Initial Weight/Volume: 253.2 mL

Dilution: 1.0

Final Weight/Volume: 2 mL

Analysis Date: 05/22/2014 1915

Injection Volume: 1 uL

Prep Date: 05/21/2014 0623

Result Type: SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	50		20 - 120
Tetrachloro-m-xylene	103		36 - 120

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-37

Lab Sample ID: 480-60219-1

Date Sampled: 05/20/2014 1040

Client Matrix: Water

Date Received: 05/20/2014 1630

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	480-183751	Instrument ID:	HP6890-5
Prep Method:	3510C	Prep Batch:	480-183479	Initial Weight/Volume:	269.7 mL
Dilution:	1.0			Final Weight/Volume:	2 mL
Analysis Date:	05/23/2014 1043			Injection Volume:	1 uL
Prep Date:	05/22/2014 0642			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	0.032	J B	0.0085	0.046
4,4'-DDE	0.015	J	0.011	0.046
4,4'-DDT	0.051		0.010	0.046
Aldrin	ND		0.0075	0.046
alpha-BHC	0.029	J B	0.0071	0.046
cis-Chlordane	ND		0.014	0.046
beta-BHC	ND		0.023	0.046
delta-BHC	ND		0.0093	0.046
Dieldrin	0.0094	J	0.0091	0.046
Endosulfan I	ND		0.010	0.046
Endosulfan II	0.011	J	0.011	0.046
Endosulfan sulfate	ND		0.015	0.046
Endrin	0.019	J	0.013	0.046
Endrin aldehyde	0.042	J	0.015	0.046
Endrin ketone	ND		0.011	0.046
gamma-BHC (Lindane)	ND		0.0074	0.046
trans-Chlordane	0.020	J	0.010	0.046
Heptachlor	ND		0.0079	0.046
Heptachlor epoxide	0.018	J	0.0069	0.046
Methoxychlor	0.053		0.013	0.046
Toxaphene	ND		0.11	0.46
Surrogate	%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl	34		20 - 120	
Tetrachloro-m-xylene	71		36 - 120	

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-37

Lab Sample ID: 480-60219-1

Date Sampled: 05/20/2014 1040

Client Matrix: Water

Date Received: 05/20/2014 1630

8081B Organochlorine Pesticides (GC)

Analysis Method: 8081B

Analysis Batch: 480-183751

Instrument ID: HP6890-5

Prep Method: 3510C

Prep Batch: 480-183479

Initial Weight/Volume: 269.7 mL

Dilution: 1.0

Final Weight/Volume: 2 mL

Analysis Date: 05/23/2014 1043

Injection Volume: 1 uL

Prep Date: 05/22/2014 0642

Result Type: SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	41		20 - 120
Tetrachloro-m-xylene	76		36 - 120

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-33

Lab Sample ID: 480-60219-2

Date Sampled: 05/20/2014 1240

Client Matrix: Water

Date Received: 05/20/2014 1630

8081B Organochlorine Pesticides (GC)

Analysis Method: 8081B	Analysis Batch: 480-183751	Instrument ID: HP6890-5
Prep Method: 3510C	Prep Batch: 480-183479	Initial Weight/Volume: 260.1 mL
Dilution: 1.0		Final Weight/Volume: 2 mL
Analysis Date: 05/23/2014 1100		Injection Volume: 1 uL
Prep Date: 05/22/2014 0642		Result Type: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	ND		0.0088	0.048
4,4'-DDE	0.011	J	0.011	0.048
4,4'-DDT	0.029	J	0.011	0.048
Aldrin	ND		0.0078	0.048
alpha-BHC	0.017	J B	0.0074	0.048
cis-Chlordane	ND		0.014	0.048
beta-BHC	ND		0.024	0.048
delta-BHC	ND		0.0096	0.048
Dieldrin	ND		0.0094	0.048
Endosulfan I	ND		0.011	0.048
Endosulfan II	ND		0.012	0.048
Endosulfan sulfate	ND		0.015	0.048
Endrin	ND		0.013	0.048
Endrin aldehyde	0.024	J	0.016	0.048
Endrin ketone	ND		0.012	0.048
gamma-BHC (Lindane)	ND		0.0077	0.048
trans-Chlordane	0.012	J	0.011	0.048
Heptachlor	ND		0.0082	0.048
Heptachlor epoxide	ND		0.0071	0.048
Methoxychlor	ND		0.014	0.048
Toxaphene	ND		0.12	0.48
Surrogate	%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl	41		20 - 120	
Tetrachloro-m-xylene	68		36 - 120	

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-33

Lab Sample ID: 480-60219-2

Date Sampled: 05/20/2014 1240

Client Matrix: Water

Date Received: 05/20/2014 1630

8081B Organochlorine Pesticides (GC)

Analysis Method: 8081B

Analysis Batch: 480-183751

Instrument ID: HP6890-5

Prep Method: 3510C

Prep Batch: 480-183479

Initial Weight/Volume: 260.1 mL

Dilution: 1.0

Final Weight/Volume: 2 mL

Analysis Date: 05/23/2014 1100

Injection Volume: 1 uL

Prep Date: 05/22/2014 0642

Result Type: SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	61		20 - 120
Tetrachloro-m-xylene	92		36 - 120

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-31

Lab Sample ID: 480-60219-3

Client Matrix: Water

Date Sampled: 05/20/2014 1440

Date Received: 05/20/2014 1630

8081B Organochlorine Pesticides (GC)

Analysis Method: 8081B	Analysis Batch: 480-183751	Instrument ID: HP6890-5
Prep Method: 3510C	Prep Batch: 480-183479	Initial Weight/Volume: 254.9 mL
Dilution: 1.0		Final Weight/Volume: 2 mL
Analysis Date: 05/23/2014 1118		Injection Volume: 1 uL
Prep Date: 05/22/2014 0642		Result Type: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	ND		0.0090	0.049
4,4'-DDE	0.033	J	0.011	0.049
4,4'-DDT	0.056		0.011	0.049
Aldrin	ND		0.0079	0.049
alpha-BHC	0.031	J B	0.0076	0.049
cis-Chlordane	0.030	J	0.015	0.049
beta-BHC	ND		0.024	0.049
delta-BHC	0.015	J	0.0098	0.049
Dieldrin	0.013	J	0.0096	0.049
Endosulfan I	0.024	J	0.011	0.049
Endosulfan II	0.014	J	0.012	0.049
Endosulfan sulfate	ND		0.015	0.049
Endrin	0.015	J	0.014	0.049
Endrin aldehyde	ND		0.016	0.049
Endrin ketone	0.016	J	0.012	0.049
gamma-BHC (Lindane)	0.014	J	0.0078	0.049
trans-Chlordane	0.045	J	0.011	0.049
Heptachlor	0.014	J	0.0083	0.049
Heptachlor epoxide	ND		0.0073	0.049
Methoxychlor	0.044	J	0.014	0.049
Toxaphene	ND		0.12	0.49
Surrogate	%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl	27		20 - 120	
Tetrachloro-m-xylene	74		36 - 120	

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-31

Lab Sample ID: 480-60219-3

Date Sampled: 05/20/2014 1440

Client Matrix: Water

Date Received: 05/20/2014 1630

8081B Organochlorine Pesticides (GC)

Analysis Method: 8081B

Analysis Batch: 480-183751

Instrument ID: HP6890-5

Prep Method: 3510C

Prep Batch: 480-183479

Initial Weight/Volume: 254.9 mL

Dilution: 1.0

Final Weight/Volume: 2 mL

Analysis Date: 05/23/2014 1118

Injection Volume: 1 uL

Prep Date: 05/22/2014 0642

Result Type: SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	59		20 - 120
Tetrachloro-m-xylene	79		36 - 120

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-35

Lab Sample ID: 480-60169-1

Client Matrix: Water

Date Sampled: 05/19/2014 1150

Date Received: 05/19/2014 1845

8151A Herbicidas (GC)

Analysis Method: 8151A

Analysis Batch: 480-184417

Instrument ID: HP5890-13

Prep Method: 8151A

Prep Batch: 480-183481

Initial Weight/Volume: 1043.4 mL

Dilution: 1.0

Final Weight/Volume: 10 mL

Analysis Date: 05/29/2014 0920

Injection Volume: 1 uL

Prep Date: 05/22/2014 0655

Result Type: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,5-T	ND		0.14	0.48
Silvex (2,4,5-TP)	ND		0.35	0.48
2,4-D	ND		0.38	0.48

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	93		40 - 135

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-35

Lab Sample ID: 480-60169-1

Date Sampled: 05/19/2014 1150

Client Matrix: Water

Date Received: 05/19/2014 1845

8151A Herbicidas (GC)

Analysis Method: 8151A

Analysis Batch: 480-184417

Instrument ID: HP5890-13

Prep Method: 8151A

Prep Batch: 480-183481

Initial Weight/Volume: 1043.4 mL

Dilution: 1.0

Final Weight/Volume: 10 mL

Analysis Date: 05/29/2014 0920

Injection Volume: 1 uL

Prep Date: 05/22/2014 0655

Result Type: SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	91		40 - 135

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-36

Lab Sample ID: 480-60169-2

Client Matrix: Water

Date Sampled: 05/19/2014 1305

Date Received: 05/19/2014 1845

8151A Herbicidas (GC)

Analysis Method: 8151A

Analysis Batch: 480-184417

Instrument ID: HP5890-13

Prep Method: 8151A

Prep Batch: 480-183481

Initial Weight/Volume: 1051.5 mL

Dilution: 1.0

Final Weight/Volume: 10 mL

Analysis Date: 05/29/2014 0950

Injection Volume: 1 uL

Prep Date: 05/22/2014 0655

Result Type: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,5-T	ND		0.14	0.48
Silvex (2,4,5-TP)	ND		0.34	0.48
2,4-D	ND		0.38	0.48

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	124		40 - 135

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-36

Lab Sample ID: 480-60169-2

Client Matrix: Water

Date Sampled: 05/19/2014 1305

Date Received: 05/19/2014 1845

8151A Herbicidas (GC)

Analysis Method: 8151A

Prep Method: 8151A

Dilution: 1.0

Analysis Date: 05/29/2014 0950

Prep Date: 05/22/2014 0655

Analysis Batch: 480-184417

Prep Batch: 480-183481

Instrument ID: HP5890-13

Initial Weight/Volume: 1051.5 mL

Final Weight/Volume: 10 mL

Injection Volume: 1 uL

Result Type: SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	81		40 - 135

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-34

Lab Sample ID: 480-60169-3

Client Matrix: Water

Date Sampled: 05/19/2014 1436

Date Received: 05/19/2014 1845

8151A Herbicidas (GC)

Analysis Method: 8151A

Analysis Batch: 480-184417

Instrument ID: HP5890-13

Prep Method: 8151A

Prep Batch: 480-183481

Initial Weight/Volume: 989.8 mL

Dilution: 1.0

Final Weight/Volume: 10 mL

Analysis Date: 05/29/2014 1020

Injection Volume: 1 uL

Prep Date: 05/22/2014 0655

Result Type: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,5-T	ND		0.15	0.51
Silvex (2,4,5-TP)	ND		0.36	0.51
2,4-D	ND		0.40	0.51

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	133		40 - 135

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-34

Lab Sample ID: 480-60169-3

Client Matrix: Water

Date Sampled: 05/19/2014 1436

Date Received: 05/19/2014 1845

8151A Herbicidas (GC)

Analysis Method: 8151A

Prep Method: 8151A

Dilution: 1.0

Analysis Date: 05/29/2014 1020

Prep Date: 05/22/2014 0655

Analysis Batch: 480-184417

Prep Batch: 480-183481

Instrument ID: HP5890-13

Initial Weight/Volume: 989.8 mL

Final Weight/Volume: 10 mL

Injection Volume: 1 uL

Result Type: SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	81		40 - 135

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-16

Lab Sample ID: 480-60169-4

Client Matrix: Water

Date Sampled: 05/19/2014 1605

Date Received: 05/19/2014 1845

8151A Herbicidas (GC)

Analysis Method: 8151A

Analysis Batch: 480-184417

Instrument ID: HP5890-13

Prep Method: 8151A

Prep Batch: 480-183481

Initial Weight/Volume: 1005.3 mL

Dilution: 1.0

Final Weight/Volume: 10 mL

Analysis Date: 05/29/2014 1119

Injection Volume: 1 uL

Prep Date: 05/22/2014 0655

Result Type: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,5-T	ND		0.15	0.50
Silvex (2,4,5-TP)	ND		0.36	0.50
2,4-D	ND		0.40	0.50

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	101		40 - 135

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-16

Lab Sample ID: 480-60169-4

Client Matrix: Water

Date Sampled: 05/19/2014 1605

Date Received: 05/19/2014 1845

8151A Herbicidas (GC)

Analysis Method: 8151A

Prep Method: 8151A

Dilution: 1.0

Analysis Date: 05/29/2014 1119

Prep Date: 05/22/2014 0655

Analysis Batch: 480-184417

Prep Batch: 480-183481

Instrument ID: HP5890-13

Initial Weight/Volume: 1005.3 mL

Final Weight/Volume: 10 mL

Injection Volume: 1 uL

Result Type: SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	107		40 - 135

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-32

Lab Sample ID: 480-60169-5

Client Matrix: Water

Date Sampled: 05/19/2014 1740

Date Received: 05/19/2014 1845

8151A Herbicidas (GC)

Analysis Method: 8151A

Analysis Batch: 480-184417

Instrument ID: HP5890-13

Prep Method: 8151A

Prep Batch: 480-183481

Initial Weight/Volume: 1050.7 mL

Dilution: 1.0

Final Weight/Volume: 10 mL

Analysis Date: 05/29/2014 1148

Injection Volume: 1 uL

Prep Date: 05/22/2014 0655

Result Type: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,5-T	ND		0.14	0.48
Silvex (2,4,5-TP)	ND		0.34	0.48
2,4-D	ND		0.38	0.48

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	109		40 - 135

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-32

Lab Sample ID: 480-60169-5

Client Matrix: Water

Date Sampled: 05/19/2014 1740

Date Received: 05/19/2014 1845

8151A Herbicidas (GC)

Analysis Method: 8151A

Prep Method: 8151A

Dilution: 1.0

Analysis Date: 05/29/2014 1148

Prep Date: 05/22/2014 0655

Analysis Batch: 480-184417

Prep Batch: 480-183481

Instrument ID: HP5890-13

Initial Weight/Volume: 1050.7 mL

Final Weight/Volume: 10 mL

Injection Volume: 1 uL

Result Type: SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	70		40 - 135

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-37

Lab Sample ID: 480-60219-1

Client Matrix: Water

Date Sampled: 05/20/2014 1040

Date Received: 05/20/2014 1630

8151A Herbicidas (GC)

Analysis Method: 8151A

Prep Method: 8151A

Dilution: 1.0

Analysis Date: 05/29/2014 1218

Prep Date: 05/22/2014 0655

Analysis Batch: 480-184417

Prep Batch: 480-183481

Instrument ID: HP5890-13

Initial Weight/Volume: 1051.4 mL

Final Weight/Volume: 10 mL

Injection Volume: 1 uL

Result Type: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,5-T	ND		0.14	0.48
Silvex (2,4,5-TP)	ND		0.34	0.48
2,4-D	ND		0.38	0.48

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	104		40 - 135

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-37

Lab Sample ID: 480-60219-1

Date Sampled: 05/20/2014 1040

Client Matrix: Water

Date Received: 05/20/2014 1630

8151A Herbicidas (GC)

Analysis Method: 8151A

Analysis Batch: 480-184417

Instrument ID: HP5890-13

Prep Method: 8151A

Prep Batch: 480-183481

Initial Weight/Volume: 1051.4 mL

Dilution: 1.0

Final Weight/Volume: 10 mL

Analysis Date: 05/29/2014 1218

Injection Volume: 1 uL

Prep Date: 05/22/2014 0655

Result Type: SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	106		40 - 135

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-33

Lab Sample ID: 480-60219-2

Client Matrix: Water

Date Sampled: 05/20/2014 1240

Date Received: 05/20/2014 1630

8151A Herbicidas (GC)

Analysis Method: 8151A

Analysis Batch: 480-184417

Instrument ID: HP5890-13

Prep Method: 8151A

Prep Batch: 480-183481

Initial Weight/Volume: 1040.8 mL

Dilution: 1.0

Final Weight/Volume: 10 mL

Analysis Date: 05/29/2014 1247

Injection Volume: 1 uL

Prep Date: 05/22/2014 0655

Result Type: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,5-T	ND		0.14	0.48
Silvex (2,4,5-TP)	ND		0.35	0.48
2,4-D	ND		0.38	0.48

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	116		40 - 135

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-33

Lab Sample ID: 480-60219-2

Date Sampled: 05/20/2014 1240

Client Matrix: Water

Date Received: 05/20/2014 1630

8151A Herbicidas (GC)

Analysis Method: 8151A

Analysis Batch: 480-184417

Instrument ID: HP5890-13

Prep Method: 8151A

Prep Batch: 480-183481

Initial Weight/Volume: 1040.8 mL

Dilution: 1.0

Final Weight/Volume: 10 mL

Analysis Date: 05/29/2014 1247

Injection Volume: 1 uL

Prep Date: 05/22/2014 0655

Result Type: SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	84		40 - 135

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-31

Lab Sample ID: 480-60219-3

Client Matrix: Water

Date Sampled: 05/20/2014 1440

Date Received: 05/20/2014 1630

8151A Herbicidas (GC)

Analysis Method: 8151A

Analysis Batch: 480-184417

Instrument ID: HP5890-13

Prep Method: 8151A

Prep Batch: 480-183481

Initial Weight/Volume: 1053.8 mL

Dilution: 1.0

Final Weight/Volume: 10 mL

Analysis Date: 05/29/2014 1317

Injection Volume: 1 uL

Prep Date: 05/22/2014 0655

Result Type: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
2,4,5-T	ND		0.14	0.47
Silvex (2,4,5-TP)	ND		0.34	0.47
2,4-D	ND		0.38	0.47

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	106		40 - 135

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-31

Lab Sample ID: 480-60219-3

Date Sampled: 05/20/2014 1440

Client Matrix: Water

Date Received: 05/20/2014 1630

8151A Herbicidas (GC)

Analysis Method: 8151A

Analysis Batch: 480-184417

Instrument ID: HP5890-13

Prep Method: 8151A

Prep Batch: 480-183481

Initial Weight/Volume: 1053.8 mL

Dilution: 1.0

Final Weight/Volume: 10 mL

Analysis Date: 05/29/2014 1317

Injection Volume: 1 uL

Prep Date: 05/22/2014 0655

Result Type: SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	81		40 - 135

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-35

Lab Sample ID: 480-60169-1

Client Matrix: Water

Date Sampled: 05/19/2014 1150

Date Received: 05/19/2014 1845

6010C Metals (ICP)

Analysis Method: 6010C

Prep Method: 3005A

Dilution: 1.0

Analysis Date: 05/21/2014 2159

Prep Date: 05/21/2014 0915

Analysis Batch: 480-183499

Prep Batch: 480-183225

Instrument ID: ICAP2

Lab File ID: I2052114A-6.asc

Initial Weight/Volume: 50 mL

Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	RL
Arsenic	0.0095	J	0.0056	0.015
Barium	0.54		0.00070	0.0020
Cadmium	ND		0.00050	0.0020
Chromium	ND		0.0010	0.0040
Lead	ND		0.0030	0.010
Selenium	ND		0.0087	0.025
Silver	ND		0.0017	0.0060

7470A Mercury (CVAA)

Analysis Method: 7470A

Prep Method: 7470A

Dilution: 1.0

Analysis Date: 05/21/2014 1603

Prep Date: 05/21/2014 0940

Analysis Batch: 480-183644

Prep Batch: 480-183302

Instrument ID: LEEMAN2

Lab File ID: H05214W1.PRN

Initial Weight/Volume: 30 mL

Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	ND		0.00012	0.00020

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-36

Lab Sample ID: 480-60169-2

Client Matrix: Water

Date Sampled: 05/19/2014 1305

Date Received: 05/19/2014 1845

6010C Metals (ICP)

Analysis Method: 6010C

Prep Method: 3005A

Dilution: 1.0

Analysis Date: 05/21/2014 2202

Prep Date: 05/21/2014 0915

Analysis Batch: 480-183499

Prep Batch: 480-183225

Instrument ID: ICAP2

Lab File ID: I2052114A-6.asc

Initial Weight/Volume: 50 mL

Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	RL
Arsenic	0.0075	J	0.0056	0.015
Barium	0.23		0.00070	0.0020
Cadmium	ND		0.00050	0.0020
Chromium	0.0011	J	0.0010	0.0040
Lead	0.0034	J	0.0030	0.010
Selenium	ND		0.0087	0.025
Silver	ND		0.0017	0.0060

7470A Mercury (CVAA)

Analysis Method: 7470A

Prep Method: 7470A

Dilution: 1.0

Analysis Date: 05/21/2014 1605

Prep Date: 05/21/2014 0940

Analysis Batch: 480-183644

Prep Batch: 480-183302

Instrument ID: LEEMAN2

Lab File ID: H05214W1.PRN

Initial Weight/Volume: 30 mL

Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	ND		0.00012	0.00020

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-34

Lab Sample ID: 480-60169-3

Client Matrix: Water

Date Sampled: 05/19/2014 1436

Date Received: 05/19/2014 1845

6010C Metals (ICP)

Analysis Method: 6010C

Analysis Batch: 480-183499

Instrument ID: ICAP2

Prep Method: 3005A

Prep Batch: 480-183225

Lab File ID: I2052114A-6.asc

Dilution: 1.0

Initial Weight/Volume: 50 mL

Analysis Date: 05/21/2014 2212

Final Weight/Volume: 50 mL

Prep Date: 05/21/2014 0915

Analyte	Result (mg/L)	Qualifier	MDL	RL
Arsenic	0.0069	J	0.0056	0.015
Barium	0.089		0.00070	0.0020
Cadmium	ND		0.00050	0.0020
Chromium	ND		0.0010	0.0040
Lead	ND		0.0030	0.010
Selenium	ND		0.0087	0.025
Silver	ND		0.0017	0.0060

7470A Mercury (CVAA)

Analysis Method: 7470A

Analysis Batch: 480-183644

Instrument ID: LEEMAN2

Prep Method: 7470A

Prep Batch: 480-183302

Lab File ID: H05214W1.PRN

Dilution: 1.0

Initial Weight/Volume: 30 mL

Analysis Date: 05/21/2014 1610

Final Weight/Volume: 50 mL

Prep Date: 05/21/2014 0940

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	ND		0.00012	0.00020

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-16

Lab Sample ID: 480-60169-4

Client Matrix: Water

Date Sampled: 05/19/2014 1605

Date Received: 05/19/2014 1845

6010C Metals (ICP)

Analysis Method: 6010C

Analysis Batch: 480-183499

Instrument ID: ICAP2

Prep Method: 3005A

Prep Batch: 480-183225

Lab File ID: I2052114A-6.asc

Dilution: 1.0

Initial Weight/Volume: 50 mL

Analysis Date: 05/21/2014 2222

Final Weight/Volume: 50 mL

Prep Date: 05/21/2014 0915

Analyte	Result (mg/L)	Qualifier	MDL	RL
Arsenic	ND		0.0056	0.015
Barium	0.22	^	0.00070	0.0020
Cadmium	ND		0.00050	0.0020
Chromium	0.0013	J	0.0010	0.0040
Lead	0.0059	J	0.0030	0.010
Selenium	ND		0.0087	0.025
Silver	ND		0.0017	0.0060

7470A Mercury (CVAA)

Analysis Method: 7470A

Analysis Batch: 480-183644

Instrument ID: LEEMAN2

Prep Method: 7470A

Prep Batch: 480-183302

Lab File ID: H05214W1.PRN

Dilution: 1.0

Initial Weight/Volume: 30 mL

Analysis Date: 05/21/2014 1612

Final Weight/Volume: 50 mL

Prep Date: 05/21/2014 0940

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	ND		0.00012	0.00020

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-32

Lab Sample ID: 480-60169-5

Client Matrix: Water

Date Sampled: 05/19/2014 1740

Date Received: 05/19/2014 1845

6010C Metals (ICP)

Analysis Method: 6010C

Prep Method: 3005A

Dilution: 1.0

Analysis Date: 05/21/2014 2224

Prep Date: 05/21/2014 0915

Analysis Batch: 480-183499

Prep Batch: 480-183225

Instrument ID: ICAP2

Lab File ID: I2052114A-6.asc

Initial Weight/Volume: 50 mL

Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	RL
Arsenic	0.0083	J	0.0056	0.015
Barium	0.073	^	0.00070	0.0020
Cadmium	ND		0.00050	0.0020
Chromium	0.0012	J	0.0010	0.0040
Lead	ND		0.0030	0.010
Selenium	ND		0.0087	0.025
Silver	ND		0.0017	0.0060

7470A Mercury (CVAA)

Analysis Method: 7470A

Prep Method: 7470A

Dilution: 1.0

Analysis Date: 05/21/2014 1613

Prep Date: 05/21/2014 0940

Analysis Batch: 480-183644

Prep Batch: 480-183302

Instrument ID: LEEMAN2

Lab File ID: H05214W1.PRN

Initial Weight/Volume: 30 mL

Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	0.00014	J	0.00012	0.00020

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-37

Lab Sample ID: 480-60219-1

Client Matrix: Water

Date Sampled: 05/20/2014 1040

Date Received: 05/20/2014 1630

6010C Metals (ICP)

Analysis Method: 6010C

Prep Method: 3005A

Dilution: 1.0

Analysis Date: 05/21/2014 1913

Prep Date: 05/21/2014 0915

Analysis Batch: 480-183497

Prep Batch: 480-183227

Instrument ID: ICAP2

Lab File ID: I2052114A-4.asc

Initial Weight/Volume: 50 mL

Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	RL
Arsenic	0.0068	J	0.0056	0.015
Barium	0.27		0.00070	0.0020
Cadmium	ND		0.00050	0.0020
Chromium	ND		0.0010	0.0040
Lead	0.0049	J	0.0030	0.010
Selenium	ND		0.0087	0.025
Silver	ND		0.0017	0.0060

7470A Mercury (CVAA)

Analysis Method: 7470A

Prep Method: 7470A

Dilution: 1.0

Analysis Date: 05/22/2014 1626

Prep Date: 05/22/2014 1200

Analysis Batch: 480-183769

Prep Batch: 480-183555

Instrument ID: LEEMAN2

Lab File ID: H05224W1.PRN

Initial Weight/Volume: 30 mL

Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	ND	^	0.00012	0.00020

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-33

Lab Sample ID: 480-60219-2

Client Matrix: Water

Date Sampled: 05/20/2014 1240

Date Received: 05/20/2014 1630

6010C Metals (ICP)

Analysis Method: 6010C

Analysis Batch: 480-183497

Instrument ID: ICAP2

Prep Method: 3005A

Prep Batch: 480-183227

Lab File ID: I2052114A-4.asc

Dilution: 1.0

Initial Weight/Volume: 50 mL

Analysis Date: 05/21/2014 1916

Final Weight/Volume: 50 mL

Prep Date: 05/21/2014 0915

Analyte	Result (mg/L)	Qualifier	MDL	RL
Arsenic	ND		0.0056	0.015
Barium	0.045		0.00070	0.0020
Cadmium	ND		0.00050	0.0020
Chromium	ND		0.0010	0.0040
Lead	ND		0.0030	0.010
Selenium	ND		0.0087	0.025
Silver	ND		0.0017	0.0060

7470A Mercury (CVAA)

Analysis Method: 7470A

Analysis Batch: 480-183769

Instrument ID: LEEMAN2

Prep Method: 7470A

Prep Batch: 480-183555

Lab File ID: H05224W1.PRN

Dilution: 1.0

Initial Weight/Volume: 30 mL

Analysis Date: 05/22/2014 1628

Final Weight/Volume: 50 mL

Prep Date: 05/22/2014 1200

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	ND	^	0.00012	0.00020

Analytical Data

Client: New York State D.E.C.

Job Number: 480-60169-1

Client Sample ID: OW-31

Lab Sample ID: 480-60219-3

Client Matrix: Water

Date Sampled: 05/20/2014 1440

Date Received: 05/20/2014 1630

6010C Metals (ICP)

Analysis Method: 6010C

Analysis Batch: 480-183497

Instrument ID: ICAP2

Prep Method: 3005A

Prep Batch: 480-183227

Lab File ID: I2052114A-4.asc

Dilution: 1.0

Initial Weight/Volume: 50 mL

Analysis Date: 05/21/2014 1918

Final Weight/Volume: 50 mL

Prep Date: 05/21/2014 0915

Analyte	Result (mg/L)	Qualifier	MDL	RL
Arsenic	0.0079	J	0.0056	0.015
Barium	0.042		0.00070	0.0020
Cadmium	ND		0.00050	0.0020
Chromium	ND		0.0010	0.0040
Lead	ND		0.0030	0.010
Selenium	ND		0.0087	0.025
Silver	ND		0.0017	0.0060

7470A Mercury (CVAA)

Analysis Method: 7470A

Analysis Batch: 480-183769

Instrument ID: LEEMAN2

Prep Method: 7470A

Prep Batch: 480-183555

Lab File ID: H05224W1.PRN

Dilution: 1.0

Initial Weight/Volume: 30 mL

Analysis Date: 05/22/2014 1635

Final Weight/Volume: 50 mL

Prep Date: 05/22/2014 1200

Analyte	Result (mg/L)	Qualifier	MDL	RL
Mercury	ND	^	0.00012	0.00020

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-60169-1

SDG No.: _____

Lab Sample ID: CCVIS 480-183315/3 Calibration Date: 05/21/2014 11:22

Instrument ID: HP5973P Calib Start Date: 05/17/2014 13:57

GC Column: ZB-624 (60) ID: 0.25 (mm) Calib End Date: 05/17/2014 16:26

Lab File ID: P7479.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	3.335	4.348	0.1000	32.6	25.0	30.4*	20.0
Chloromethane	Ave	2.587	3.142	0.1000	30.4	25.0	21.5*	20.0
Vinyl chloride	Ave	2.270	2.812	0.1000	31.0	25.0	23.9*	20.0
Butadiene	Ave	2.065	2.558		31.0	25.0	23.9*	20.0
Bromomethane	Ave	0.7664	1.005	0.1000	32.8	25.0	31.1*	20.0
Chloroethane	Ave	0.6733	0.9248	0.1000	34.3	25.0	37.4*	20.0
Dichlorofluoromethane	Ave	4.502	5.559		30.9	25.0	23.5*	20.0
Trichlorofluoromethane	Ave	3.861	4.901	0.1000	31.7	25.0	26.9*	20.0
Ethyl ether	Ave	2.424	2.753		28.4	25.0	13.6	20.0
Acrolein	Ave	0.4422	0.5134		145	125	16.1	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	2.793	3.254	0.1000	29.1	25.0	16.5	20.0
1,1-Dichloroethene	Ave	2.560	2.933	0.1000	28.6	25.0	14.6	20.0
Acetone	Ave	1.125	1.249	0.1000	139	125	11.0	20.0
Iodomethane	Ave	5.067	5.646		27.9	25.0	11.4	20.0
Carbon disulfide	Ave	8.860	10.34	0.1000	29.2	25.0	16.7	20.0
Methyl acetate	Ave	2.630	2.992	0.1000	142	125	13.8	20.0
Allyl chloride	Ave	4.175	4.883		29.2	25.0	17.0	20.0
Methylene Chloride	Ave	3.082	3.378	0.1000	27.4	25.0	9.6	20.0
2-Methyl-2-propanol	Lin		0.2607		198	250	-20.6*	20.0
Methyl tert-butyl ether	Ave	8.040	8.148	0.1000	25.3	25.0	1.4	20.0
trans-1,2-Dichloroethene	Ave	2.732	3.113	0.1000	28.5	25.0	13.9	20.0
Acrylonitrile	Ave	1.340	1.548		289	250	15.5	20.0
Hexane	Ave	3.667	4.133		28.2	25.0	12.7	20.0
Vinyl acetate	Lin1		5.682		53.5	50.0	7.1	20.0
1,1-Dichloroethane	Ave	4.984	5.568	0.2000	27.9	25.0	11.7	20.0
2-Butanone (MEK)	Ave	1.784	2.033	0.1000	143	125	14.0	20.0
2,2-Dichloropropane	Ave	3.090	2.163		17.5	25.0	-30.0*	20.0
cis-1,2-Dichloroethene	Ave	3.023	3.331	0.1000	27.5	25.0	10.2	20.0
Chlorobromomethane	Ave	1.516	1.672		27.6	25.0	10.3	20.0
Tetrahydrofuran	Ave	1.178	1.277		54.2	50.0	8.4	20.0
Chloroform	Ave	4.826	5.336	0.2000	27.6	25.0	10.6	20.0
1,1,1-Trichloroethane	Ave	3.316	3.672	0.1000	27.7	25.0	10.7	20.0
Cyclohexane	Ave	4.837	5.499	0.1000	28.4	25.0	13.7	20.0
1,1-Dichloropropene	Ave	3.381	3.757		27.8	25.0	11.1	20.0
Carbon tetrachloride	Lin		2.808	0.1000	25.4	25.0	1.7	20.0
Isobutyl alcohol	Lin		0.1457		576	625	-7.8	20.0
Benzene	Ave	10.75	11.63	0.5000	27.0	25.0	8.2	20.0
1,2-Dichloroethane	Ave	3.985	4.370	0.1000	27.4	25.0	9.7	20.0
n-Heptane	Ave	3.732	4.330		29.0	25.0	16.0	20.0
Trichloroethene	Ave	2.784	2.988	0.2000	26.8	25.0	7.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-60169-1

SDG No.: _____

Lab Sample ID: CCVIS 480-183315/3 Calibration Date: 05/21/2014 11:22

Instrument ID: HP5973P Calib Start Date: 05/17/2014 13:57

GC Column: ZB-624 (60) ID: 0.25 (mm) Calib End Date: 05/17/2014 16:26

Lab File ID: P7479.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	4.458	4.903	0.1000	27.5	25.0	10.0	20.0
1,2-Dichloropropane	Ave	2.782	3.035	0.1000	27.3	25.0	9.1	20.0
1,4-Dioxane	Ave	0.0127	0.0130		512	500	2.4	20.0
Dibromomethane	Ave	1.972	2.174	0.1000	27.6	25.0	10.3	20.0
Bromodichloromethane	Ave	2.924	3.740	0.2000	32.0	25.0	27.9*	20.0
2-Chloroethyl vinyl ether	Ave	1.989	2.200		27.7	25.0	10.6	20.0
cis-1,3-Dichloropropene	Ave	3.732	4.040	0.2000	27.1	25.0	8.3	20.0
4-Methyl-2-pentanone (MIBK)	Ave	1.113	1.143	0.1000	128	125	2.8	20.0
Toluene	Ave	2.049	1.983	0.4000	24.2	25.0	-3.2	20.0
trans-1,3-Dichloropropene	Lin1		0.8987	0.1000	20.2	25.0	-19.4	20.0
Ethyl methacrylate	Lin1		1.072		23.5	25.0	-5.9	20.0
1,1,2-Trichloroethane	Ave	0.7155	0.6969	0.1000	24.4	25.0	-2.6	20.0
Tetrachloroethene	Ave	0.9061	0.8529	0.2000	23.5	25.0	-5.9	20.0
1,3-Dichloropropane	Ave	1.360	1.339		24.6	25.0	-1.5	20.0
2-Hexanone	Ave	0.8047	0.8355	0.1000	130	125	3.8	20.0
Dibromochloromethane	Lin		0.7662	0.1000	25.0	25.0	-0.2	20.0
1,2-Dibromoethane	Ave	0.8538	0.8683		25.4	25.0	1.7	20.0
Chlorobenzene	Ave	2.350	2.258	0.5000	24.0	25.0	-3.9	20.0
Ethylbenzene	Ave	3.759	3.713	0.1000	24.7	25.0	-1.2	20.0
1,1,1,2-Tetrachloroethane	Lin1		0.6589		23.0	25.0	-7.9	20.0
m,p-Xylene	Ave	1.515	1.449	0.1000	23.9	25.0	-4.3	20.0
o-Xylene	Ave	1.474	1.438	0.3000	24.4	25.0	-2.5	20.0
Styrene	Ave	2.591	2.537	0.3000	24.5	25.0	-2.1	20.0
Bromoform	Lin		0.5071	0.1000	24.5	25.0	-2.0	20.0
Isopropylbenzene	Ave	3.165	3.061	0.1000	24.2	25.0	-3.3	20.0
1,1,2,2-Tetrachloroethane	Ave	1.050	1.076	0.3000	25.6	25.0	2.5	20.0
Bromobenzene	Ave	0.8965	0.8705		24.3	25.0	-2.9	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2752	0.2823		25.6	25.0	2.6	20.0
1,2,3-Trichloropropane	Ave	0.2849	0.2807		24.6	25.0	-1.5	20.0
N-Propylbenzene	Ave	3.854	3.834		24.9	25.0	-0.5	20.0
2-Chlorotoluene	Ave	0.8220	0.7930		24.1	25.0	-3.5	20.0
1,3,5-Trimethylbenzene	Ave	2.692	2.640		24.5	25.0	-1.9	20.0
4-Chlorotoluene	Ave	0.8667	0.8289		23.9	25.0	-4.4	20.0
tert-Butylbenzene	Ave	0.5573	0.5308		23.8	25.0	-4.8	20.0
1,2,4-Trimethylbenzene	Ave	2.821	2.755		24.4	25.0	-2.3	20.0
sec-Butylbenzene	Ave	3.416	3.314		24.3	25.0	-3.0	20.0
4-Isopropyltoluene	Ave	2.875	2.813		24.5	25.0	-2.2	20.0
1,3-Dichlorobenzene	Ave	1.725	1.632	0.6000	23.7	25.0	-5.4	20.0
1,4-Dichlorobenzene	Ave	1.760	1.688	0.5000	24.0	25.0	-4.1	20.0
n-Butylbenzene	Ave	2.746	2.763		25.2	25.0	0.6	20.0
1,2-Dichlorobenzene	Ave	1.699	1.604	0.4000	23.6	25.0	-5.6	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-60169-1

SDG No.: _____

Lab Sample ID: CCVIS 480-184443/3 Calibration Date: 05/28/2014 15:58

Instrument ID: HP5973W Calib Start Date: 05/21/2014 15:32

GC Column: RXI-5Sil MS ID: 0.25 (mm) Calib End Date: 05/21/2014 20:46

Lab File ID: W07388.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4-Dinitrotoluene	Ave	0.2865	0.2908	0.0100	5080	5000	1.5	20.0
Acenaphthylene	Ave	1.711	1.739	0.9000	5080	5000	1.6	20.0
4-Nitroaniline	Lin1		0.3082	0.0100	4840	5000	-3.1	20.0
Acenaphthene	Ave	1.115	1.106	0.0100	4960	5000	-0.8	20.0
2,4-Dinitrophenol	Lin1		0.1736	0.0100	9200	10000	-8.0	20.0
Dibenzofuran	Ave	1.563	1.497	0.8000	4790	5000	-4.2	20.0
2,6-Dinitrotoluene	Ave	0.3632	0.3577	0.2000	4920	5000	-1.5	25.0
4-Nitrophenol	Lin		0.1387	0.0100	11200	10000	12.2	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2922	0.2983	0.0100	5100	5000	2.1	40.0
Diethyl phthalate	Ave	1.143	1.127	0.0100	4930	5000	-1.4	20.0
Fluorene	Ave	1.233	1.194	0.9000	4840	5000	-3.1	20.0
4-Chlorophenyl phenyl ether	Ave	0.5785	0.5801	0.4000	5010	5000	0.3	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1462	0.1555	0.0100	10600	10000	6.4	20.0
1,2-Diphenylhydrazine	Ave	1.285	1.262	0.0100	4910	5000	-1.8	25.0
trans-Azobenzene	Ave	0.9033	0.9079	0.0100	5030	5000	0.5	40.0
4-Bromophenyl phenyl ether	Ave	0.2208	0.2197	0.1000	4980	5000	-0.5	20.0
Hexachlorobenzene	Ave	0.2578	0.2577	0.1000	5000	5000	-0.0	20.0
Pentachlorophenol	Lin1		0.1301	0.0500	9400	10000	-6.0	20.0
Hexadecane	None			0.0100		5000		
Phenanthrene	Ave	1.101	1.083	0.7000	4910	5000	-1.7	20.0
Anthracene	Ave	1.122	1.085	0.7000	4840	5000	-3.3	20.0
Carbazole	Ave	0.9007	0.8892	0.0100	4940	5000	-1.3	20.0
Di-n-butyl phthalate	Ave	1.187	1.154	0.0100	4860	5000	-2.8	20.0
Fluoranthene	Ave	1.079	1.028	0.6000	4760	5000	-4.8	20.0
Pyrene	Ave	1.230	1.255	0.6000	5100	5000	2.0	20.0
Butyl benzyl phthalate	Ave	0.4985	0.5493	0.0100	5510	5000	10.2	20.0
Benzo(a)anthracene	Ave	0.9780	1.114	0.8000	5700	5000	13.9	20.0
Chrysene	Ave	1.056	1.013	0.7000	4790	5000	-4.1	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.7209	0.7978	0.0100	5530	5000	10.7	20.0
Di-n-octyl phthalate	Lin1		1.334	0.0100	5400	5000	8.1	20.0
Benzo(b)fluoranthene	Qua		1.074	0.7000	5370	5000	7.4	20.0
Benzo(k)fluoranthene	Ave	1.229	1.224	0.7000	4980	5000	-0.4	20.0
Benzo(a)pyrene	Lin1		1.053	0.7000	5070	5000	1.5	20.0
Benzo(g,h,i)perylene	Qua		1.117	0.5000	6680	5000	33.6*	20.0
Dibenz(a,h)anthracene	Lin1		1.127	0.4000	5880	5000	17.6	20.0
Indeno(1,2,3-cd)pyrene	Ave	0.8702	1.180	0.5000	6780	5000	35.6*	20.0
2-Fluorophenol	Ave	1.297	1.384	0.0100	5340	5000	6.7	25.0
Phenol-d5	Ave	1.474	1.409	0.0100	4780	5000	-4.4	25.0
Nitrobenzene-d5	Ave	0.3748	0.3909	0.0100	5220	5000	4.3	25.0
2-Fluorobiphenyl	Ave	1.226	1.298	0.0100	5290	5000	5.9	25.0
2,4,6-Tribromophenol	Ave	0.1202	0.1323	0.0100	5510	5000	10.1	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-60169-1
 SDG No.: _____
 Lab Sample ID: CCV 480-184443/5 Calibration Date: 05/28/2014 16:46
 Instrument ID: HP5973W Calib Start Date: 05/23/2014 15:12
 GC Column: RXI-5Sil MS ID: 0.25 (mm) Calib End Date: 05/23/2014 17:36
 Lab File ID: W07390.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzaldehyde	Ave	1.024	1.194	0.0100	5830	5000	16.6	40.0
Benzoic acid	Lin1		0.2983	0.0100	13500	20000	-32.6*	25.0
Caprolactam	Lin1		0.0934	0.0100	2920	5000	-41.7*	40.0
N-Nitrosodiphenylamine	Lin1		0.5445	0.0100	4870	5000	-2.7	20.0
Atrazine	Lin1		0.2740	0.0100	5270	5000	5.3	25.0
3,3'-Dichlorobenzidine	Lin1		0.3504	0.0100	6290	5000	25.7*	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-60169-1

SDG No.: _____

Lab Sample ID: CCVIS 480-184750/3 Calibration Date: 05/30/2014 04:54

Instrument ID: HP5973W Calib Start Date: 05/21/2014 15:32

GC Column: RXI-5Sil MS ID: 0.25 (mm) Calib End Date: 05/21/2014 20:46

Lab File ID: W07453.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4-Dinitrotoluene	Ave	0.2865	0.2985	0.0100	5210	5000	4.2	20.0
Acenaphthylene	Ave	1.711	1.748	0.9000	5110	5000	2.2	20.0
4-Nitroaniline	Lin1		0.3186	0.0100	5000	5000	0.0	20.0
Acenaphthene	Ave	1.115	1.118	0.0100	5010	5000	0.2	20.0
2,4-Dinitrophenol	Lin1		0.1754	0.0100	9290	10000	-7.1	20.0
Dibenzofuran	Ave	1.563	1.533	0.8000	4910	5000	-1.9	20.0
2,6-Dinitrotoluene	Ave	0.3632	0.3694	0.2000	5080	5000	1.7	25.0
4-Nitrophenol	Lin		0.1373	0.0100	11100	10000	11.3	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2922	0.3026	0.0100	5180	5000	3.5	40.0
Diethyl phthalate	Ave	1.143	1.061	0.0100	4640	5000	-7.2	20.0
Fluorene	Ave	1.233	1.196	0.9000	4850	5000	-3.0	20.0
4-Chlorophenyl phenyl ether	Ave	0.5785	0.5851	0.4000	5060	5000	1.1	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1462	0.1585	0.0100	10800	10000	8.5	20.0
1,2-Diphenylhydrazine	Ave	1.285	1.227	0.0100	4770	5000	-4.5	25.0
trans-Azobenzene	Ave	0.9033	0.8780	0.0100	4860	5000	-2.8	40.0
4-Bromophenyl phenyl ether	Ave	0.2208	0.2290	0.1000	5190	5000	3.7	20.0
Hexachlorobenzene	Ave	0.2578	0.2696	0.1000	5230	5000	4.6	20.0
Pentachlorophenol	Lin1		0.1263	0.0500	9130	10000	-8.7	20.0
Hexadecane	None			0.0100		5000		
Phenanthrene	Ave	1.101	1.079	0.7000	4900	5000	-2.0	20.0
Anthracene	Ave	1.122	1.088	0.7000	4850	5000	-3.0	20.0
Carbazole	Ave	0.9007	0.8803	0.0100	4890	5000	-2.3	20.0
Di-n-butyl phthalate	Ave	1.187	1.073	0.0100	4520	5000	-9.6	20.0
Fluoranthene	Ave	1.079	1.009	0.6000	4680	5000	-6.5	20.0
Pyrene	Ave	1.230	1.277	0.6000	5190	5000	3.8	20.0
Butyl benzyl phthalate	Ave	0.4985	0.5228	0.0100	5240	5000	4.9	20.0
Benzo(a)anthracene	Ave	0.9780	1.070	0.8000	5470	5000	9.4	20.0
Chrysene	Ave	1.056	1.050	0.7000	4970	5000	-0.6	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.7209	0.7418	0.0100	5140	5000	2.9	20.0
Di-n-octyl phthalate	Lin1		1.255	0.0100	5090	5000	1.9	20.0
Benzo(b)fluoranthene	Qua		1.048	0.7000	5260	5000	5.2	20.0
Benzo(k)fluoranthene	Ave	1.229	1.201	0.7000	4890	5000	-2.3	20.0
Benzo(a)pyrene	Lin1		1.067	0.7000	5140	5000	2.7	20.0
Benzo(g,h,i)perylene	Qua		1.128	0.5000	6740	5000	34.7*	20.0
Dibenz(a,h)anthracene	Lin1		1.171	0.4000	6100	5000	22.0*	20.0
Indeno(1,2,3-cd)pyrene	Ave	0.8702	1.185	0.5000	6810	5000	36.2*	20.0
2-Fluorophenol	Ave	1.297	1.328	0.0100	5120	5000	2.4	25.0
Phenol-d5	Ave	1.474	1.713	0.0100	5810	5000	16.2	25.0
Nitrobenzene-d5	Ave	0.3748	0.3845	0.0100	5130	5000	2.6	25.0
2-Fluorobiphenyl	Ave	1.226	1.304	0.0100	5320	5000	6.4	25.0
2,4,6-Tribromophenol	Ave	0.1202	0.1381	0.0100	5750	5000	14.9	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-60169-1

SDG No.: _____

Lab Sample ID: CCVIS 480-184939/3 Calibration Date: 05/31/2014 02:23

Instrument ID: HP5973W Calib Start Date: 05/21/2014 15:32

GC Column: RXI-5Sil MS ID: 0.25 (mm) Calib End Date: 05/21/2014 20:46

Lab File ID: W07490.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6233	0.5392	0.0100	4330	5000	-13.5	50.0
N-Nitrosodimethylamine	Ave	0.8136	0.6874	0.0100	4220	5000	-15.5	25.0
Pyridine	Ave	1.492	1.172	0.0100	3930	5000	-21.5	50.0
Aniline	Ave	1.987	1.720	0.0100	4330	5000	-13.4	50.0
Phenol	Ave	1.669	1.777	0.8000	5320	5000	6.5	20.0
Bis(2-chloroethyl)ether	Ave	1.349	1.415	0.7000	5250	5000	4.9	20.0
2-Chlorophenol	Ave	1.387	1.464	0.8000	5280	5000	5.5	20.0
1,3-Dichlorobenzene	Ave	1.550	1.536	0.0100	4950	5000	-0.9	20.0
1,4-Dichlorobenzene	Ave	1.571	1.530	0.0100	4870	5000	-2.6	20.0
1,2-Dichlorobenzene	Ave	1.446	1.447	0.0100	5000	5000	0.0	20.0
4-Methylphenol	Ave	0.7647	0.9202	0.6000	6020	5000	20.3*	20.0
bis (2-chloroisopropyl) ether	Lin1		1.886	0.0100	4000	5000	-20.0	20.0
2-Methylphenol	Ave	1.180	1.299	0.7000	5500	5000	10.1	20.0
Acetophenone	Ave	1.777	1.830	0.0100	5150	5000	3.0	40.0
N-Nitrosodi-n-propylamine	Ave	0.9033	0.9674	0.5000	5350	5000	7.1	20.0
Benzyl alcohol	Ave	1.147	1.284	0.0100	5600	5000	11.9	50.0
Hexachloroethane	Ave	0.6699	0.6341	0.3000	4730	5000	-5.3	20.0
Nitrobenzene	Ave	0.3716	0.3805	0.2000	5120	5000	2.4	20.0
Isophorone	Ave	0.5926	0.4799	0.4000	4050	5000	-19.0	20.0
2-Nitrophenol	Ave	0.1950	0.2018	0.1000	5170	5000	3.5	20.0
2,4-Dimethylphenol	Ave	0.3119	0.3263	0.2000	5230	5000	4.6	20.0
Bis(2-chloroethoxy)methane	Ave	0.3900	0.3997	0.3000	5120	5000	2.5	20.0
2,4-Dichlorophenol	Ave	0.2452	0.2818	0.2000	5750	5000	14.9	20.0
1,2,4-Trichlorobenzene	Ave	0.3134	0.3148	0.0100	5020	5000	0.5	20.0
Naphthalene	Ave	1.023	0.9829	0.7000	4800	5000	-3.9	20.0
4-Chloroaniline	Lin1		0.4252	0.0100	5520	5000	10.3	20.0
Hexachlorobutadiene	Ave	0.1866	0.1929	0.0100	5170	5000	3.4	20.0
4-Chloro-3-methylphenol	Lin1		0.2945	0.2000	5620	5000	12.5	20.0
1-Methylnaphthalene	Ave	0.6010	0.6316	0.0100	5250	5000	5.1	40.0
2-Methylnaphthalene	Ave	0.5688	0.5908	0.4000	5190	5000	3.9	20.0
Hexachlorocyclopentadiene	Ave	0.3763	0.3818	0.0500	5070	5000	1.5	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5216	0.5848	0.0100	5610	5000	12.1	40.0
2,4,6-Trichlorophenol	Ave	0.3329	0.3925	0.2000	5890	5000	17.9	20.0
2,4,5-Trichlorophenol	Lin1		0.4136	0.2000	4830	5000	-3.3	20.0
Biphenyl	Ave	1.273	1.374	0.0100	5400	5000	7.9	40.0
2-Chloronaphthalene	Ave	1.079	1.174	0.8000	5440	5000	8.8	25.0
2-Nitroaniline	Ave	0.3602	0.3814	0.0100	5290	5000	5.9	20.0
3-Nitroaniline	Lin1		0.4195	0.0100	5260	5000	5.3	20.0
Dimethyl phthalate	Ave	1.219	1.184	0.0100	4860	5000	-2.8	20.0
1,3-Dinitrobenzene	Ave	0.1036	0.1167	0.0100	5630	5000	12.6	50.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-60169-1
 SDG No.: _____
 Lab Sample ID: CCVIS 480-184939/3 Calibration Date: 05/31/2014 02:23
 Instrument ID: HP5973W Calib Start Date: 05/21/2014 15:32
 GC Column: RXI-5Sil MS ID: 0.25 (mm) Calib End Date: 05/21/2014 20:46
 Lab File ID: W07490.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4-Dinitrotoluene	Ave	0.2865	0.3073	0.0100	5360	5000	7.3	20.0
Acenaphthylene	Ave	1.711	1.748	0.9000	5110	5000	2.1	20.0
4-Nitroaniline	Lin1		0.3234	0.0100	5080	5000	1.5	20.0
Acenaphthene	Ave	1.115	1.113	0.0100	4990	5000	-0.2	20.0
2,4-Dinitrophenol	Lin1		0.1914	0.0100	10100	10000	1.1	20.0
Dibenzofuran	Ave	1.563	1.540	0.8000	4930	5000	-1.5	20.0
2,6-Dinitrotoluene	Ave	0.3632	0.3789	0.2000	5220	5000	4.3	25.0
4-Nitrophenol	Lin		0.1537	0.0100	12300	10000	22.5*	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2922	0.3074	0.0100	5260	5000	5.2	40.0
Diethyl phthalate	Ave	1.143	1.087	0.0100	4760	5000	-4.9	20.0
Fluorene	Ave	1.233	1.203	0.9000	4880	5000	-2.4	20.0
4-Chlorophenyl phenyl ether	Ave	0.5785	0.5941	0.4000	5130	5000	2.7	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1462	0.1624	0.0100	11100	10000	11.1	20.0
1,2-Diphenylhydrazine	Ave	1.285	1.228	0.0100	4780	5000	-4.5	25.0
trans-Azobenzene	Ave	0.9033	0.8591	0.0100	4760	5000	-4.9	40.0
4-Bromophenyl phenyl ether	Ave	0.2208	0.2341	0.1000	5300	5000	6.1	20.0
Hexachlorobenzene	Ave	0.2578	0.2727	0.1000	5290	5000	5.8	20.0
Pentachlorophenol	Lin1		0.1313	0.0500	9480	10000	-5.2	20.0
Hexadecane	None			0.0100		5000		
Phenanthrene	Ave	1.101	1.079	0.7000	4900	5000	-2.1	20.0
Anthracene	Ave	1.122	1.089	0.7000	4850	5000	-2.9	20.0
Carbazole	Ave	0.9007	0.8864	0.0100	4920	5000	-1.6	20.0
Di-n-butyl phthalate	Ave	1.187	1.057	0.0100	4450	5000	-11.0	20.0
Fluoranthene	Ave	1.079	0.9900	0.6000	4590	5000	-8.3	20.0
Pyrene	Ave	1.230	1.296	0.6000	5270	5000	5.3	20.0
Butyl benzyl phthalate	Ave	0.4985	0.5109	0.0100	5120	5000	2.5	20.0
Benzo (a) anthracene	Ave	0.9780	1.077	0.8000	5510	5000	10.2	20.0
Chrysene	Ave	1.056	1.044	0.7000	4940	5000	-1.2	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.7209	0.6849	0.0100	4750	5000	-5.0	20.0
Di-n-octyl phthalate	Lin1		1.182	0.0100	4810	5000	-3.8	20.0
Benzo (b) fluoranthene	Qua		1.116	0.7000	5550	5000	10.9	20.0
Benzo (k) fluoranthene	Ave	1.229	1.152	0.7000	4680	5000	-6.3	20.0
Benzo (a) pyrene	Lin1		1.052	0.7000	5070	5000	1.3	20.0
Benzo (g,h,i) perylene	Qua		1.159	0.5000	6900	5000	37.9*	20.0
Dibenz (a,h) anthracene	Lin1		1.149	0.4000	5990	5000	19.8	20.0
Indeno (1,2,3-cd) pyrene	Ave	0.8702	1.193	0.5000	6850	5000	37.1*	20.0
2-Fluorophenol	Ave	1.297	1.315	0.0100	5070	5000	1.4	25.0
Phenol-d5	Ave	1.474	1.726	0.0100	5850	5000	17.1	25.0
Nitrobenzene-d5	Ave	0.3748	0.3871	0.0100	5160	5000	3.3	25.0
2-Fluorobiphenyl	Ave	1.226	1.303	0.0100	5310	5000	6.2	25.0
2,4,6-Tribromophenol	Ave	0.1202	0.1394	0.0100	5800	5000	16.0	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-60169-1

SDG No.: _____

Lab Sample ID: CCVIS 480-185372/3 Calibration Date: 06/03/2014 11:56

Instrument ID: HP5973W Calib Start Date: 05/21/2014 15:32

GC Column: RXI-5Sil MS ID: 0.25 (mm) Calib End Date: 05/21/2014 20:46

Lab File ID: W07565.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6233	0.5553	0.0100	4450	5000	-10.9	50.0
N-Nitrosodimethylamine	Ave	0.8136	0.6776	0.0100	4160	5000	-16.7	25.0
Pyridine	Ave	1.492	1.081	0.0100	3620	5000	-27.6	50.0
Aniline	Ave	1.987	1.720	0.0100	4330	5000	-13.5	50.0
Bis(2-chloroethyl)ether	Ave	1.349	1.341	0.7000	4970	5000	-0.6	20.0
Phenol	Ave	1.669	1.719	0.8000	5150	5000	3.0	20.0
2-Chlorophenol	Ave	1.387	1.447	0.8000	5210	5000	4.3	20.0
1,3-Dichlorobenzene	Ave	1.550	1.524	0.0100	4920	5000	-1.7	20.0
1,4-Dichlorobenzene	Ave	1.571	1.528	0.0100	4860	5000	-2.8	20.0
1,2-Dichlorobenzene	Ave	1.446	1.452	0.0100	5020	5000	0.4	20.0
4-Methylphenol	Ave	0.7647	0.7855	0.6000	5140	5000	2.7	20.0
bis (2-chloroisopropyl) ether	Lin1		1.708	0.0100	3620	5000	-27.7*	20.0
2-Methylphenol	Ave	1.180	1.171	0.7000	4960	5000	-0.8	20.0
Acetophenone	Ave	1.777	1.791	0.0100	5040	5000	0.8	40.0
N-Nitrosodi-n-propylamine	Ave	0.9033	0.9225	0.5000	5110	5000	2.1	20.0
Benzyl alcohol	Ave	1.147	1.250	0.0100	5450	5000	9.0	50.0
Hexachloroethane	Ave	0.6699	0.6283	0.3000	4690	5000	-6.2	20.0
Nitrobenzene	Ave	0.3716	0.3700	0.2000	4980	5000	-0.4	20.0
Isophorone	Ave	0.5926	0.5083	0.4000	4290	5000	-14.2	20.0
2-Nitrophenol	Ave	0.1950	0.2072	0.1000	5310	5000	6.3	20.0
2,4-Dimethylphenol	Ave	0.3119	0.3241	0.2000	5200	5000	3.9	20.0
Bis(2-chloroethoxy)methane	Ave	0.3900	0.3903	0.3000	5000	5000	0.0	20.0
2,4-Dichlorophenol	Ave	0.2452	0.2849	0.2000	5810	5000	16.2	20.0
1,2,4-Trichlorobenzene	Ave	0.3134	0.3200	0.0100	5110	5000	2.1	20.0
Naphthalene	Ave	1.023	1.019	0.7000	4980	5000	-0.4	20.0
4-Chloroaniline	Lin1		0.4145	0.0100	5380	5000	7.6	20.0
Hexachlorobutadiene	Ave	0.1866	0.1939	0.0100	5190	5000	3.9	20.0
4-Chloro-3-methylphenol	Lin1		0.2923	0.2000	5580	5000	11.6	20.0
1-Methylnaphthalene	Ave	0.6010	0.6480	0.0100	5390	5000	7.8	40.0
2-Methylnaphthalene	Ave	0.5688	0.5935	0.4000	5220	5000	4.3	20.0
Hexachlorocyclopentadiene	Ave	0.3763	0.3703	0.0500	4920	5000	-1.6	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5216	0.5915	0.0100	5670	5000	13.4	40.0
2,4,6-Trichlorophenol	Ave	0.3329	0.3802	0.2000	5710	5000	14.2	20.0
2,4,5-Trichlorophenol	Lin1		0.4030	0.2000	4710	5000	-5.7	20.0
Biphenyl	Ave	1.273	1.383	0.0100	5430	5000	8.6	40.0
2-Chloronaphthalene	Ave	1.079	1.181	0.8000	5470	5000	9.5	25.0
2-Nitroaniline	Ave	0.3602	0.3604	0.0100	5000	5000	0.0	20.0
3-Nitroaniline	Lin1		0.4029	0.0100	5060	5000	1.2	20.0
Dimethyl phthalate	Ave	1.219	1.189	0.0100	4880	5000	-2.4	20.0
1,3-Dinitrobenzene	Ave	0.1036	0.1172	0.0100	5650	5000	13.1	50.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-60169-1

SDG No.: _____

Lab Sample ID: CCVIS 480-185372/3 Calibration Date: 06/03/2014 11:56

Instrument ID: HP5973W Calib Start Date: 05/21/2014 15:32

GC Column: RXI-5Sil MS ID: 0.25 (mm) Calib End Date: 05/21/2014 20:46

Lab File ID: W07565.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4-Dinitrotoluene	Ave	0.2865	0.3021	0.0100	5270	5000	5.5	20.0
Acenaphthylene	Ave	1.711	1.757	0.9000	5130	5000	2.6	20.0
4-Nitroaniline	Lin1		0.3099	0.0100	4870	5000	-2.6	20.0
Acenaphthene	Ave	1.115	1.134	0.0100	5080	5000	1.7	20.0
2,4-Dinitrophenol	Lin1		0.1626	0.0100	8630	10000	-13.7	20.0
Dibenzofuran	Ave	1.563	1.557	0.8000	4980	5000	-0.4	20.0
2,6-Dinitrotoluene	Ave	0.3632	0.3867	0.2000	5320	5000	6.5	25.0
4-Nitrophenol	Lin		0.1363	0.0100	11100	10000	10.6	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2922	0.2934	0.0100	5020	5000	0.4	40.0
Diethyl phthalate	Ave	1.143	1.078	0.0100	4720	5000	-5.6	20.0
Fluorene	Ave	1.233	1.230	0.9000	4990	5000	-0.2	20.0
4-Chlorophenyl phenyl ether	Ave	0.5785	0.6037	0.4000	5220	5000	4.4	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1462	0.1566	0.0100	10700	10000	7.1	20.0
1,2-Diphenylhydrazine	Ave	1.285	1.174	0.0100	4570	5000	-8.6	25.0
trans-Azobenzene	Ave	0.9033	0.8064	0.0100	4460	5000	-10.7	40.0
4-Bromophenyl phenyl ether	Ave	0.2208	0.2329	0.1000	5270	5000	5.5	20.0
Hexachlorobenzene	Ave	0.2578	0.2744	0.1000	5320	5000	6.5	20.0
Pentachlorophenol	Lin1		0.0954	0.0500	6930	10000	-30.7*	20.0
Hexadecane	None			0.0100		5000		
Phenanthrene	Ave	1.101	1.087	0.7000	4930	5000	-1.3	20.0
Anthracene	Ave	1.122	1.098	0.7000	4890	5000	-2.1	20.0
Carbazole	Ave	0.9007	0.8377	0.0100	4650	5000	-7.0	20.0
Di-n-butyl phthalate	Ave	1.187	1.069	0.0100	4500	5000	-9.9	20.0
Fluoranthene	Ave	1.079	1.050	0.6000	4860	5000	-2.7	20.0
Pyrene	Ave	1.230	1.300	0.6000	5280	5000	5.6	20.0
Butyl benzyl phthalate	Ave	0.4985	0.5033	0.0100	5050	5000	1.0	20.0
Benzo(a)anthracene	Ave	0.9780	1.038	0.8000	5300	5000	6.1	20.0
Chrysene	Ave	1.056	1.058	0.7000	5010	5000	0.1	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.7209	0.6419	0.0100	4450	5000	-11.0	20.0
Di-n-octyl phthalate	Lin1		1.047	0.0100	4280	5000	-14.5	20.0
Benzo(b)fluoranthene	Qua		1.086	0.7000	5420	5000	8.4	20.0
Benzo(k)fluoranthene	Ave	1.229	1.252	0.7000	5090	5000	1.8	20.0
Benzo(a)pyrene	Lin1		1.074	0.7000	5170	5000	3.4	20.0
Benzo(g,h,i)perylene	Qua		1.031	0.5000	6230	5000	24.6*	20.0
Dibenz(a,h)anthracene	Lin1		1.107	0.4000	5780	5000	15.6	20.0
Indeno(1,2,3-cd)pyrene	Ave	0.8702	1.194	0.5000	6860	5000	37.2*	20.0
2-Fluorophenol	Ave	1.297	1.300	0.0100	5010	5000	0.2	25.0
Phenol-d5	Ave	1.474	1.649	0.0100	5590	5000	11.9	25.0
Nitrobenzene-d5	Ave	0.3748	0.3683	0.0100	4910	5000	-1.7	25.0
2-Fluorobiphenyl	Ave	1.226	1.306	0.0100	5320	5000	6.5	25.0
2,4,6-Tribromophenol	Ave	0.1202	0.1369	0.0100	5700	5000	13.9	25.0

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Buffalo</u>	Job No.: <u>480-60169-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>MB 480-183336/1-A</u>
Matrix: <u>Water</u>	Lab File ID: <u>W07404.D</u>
Analysis Method: <u>8270D</u>	Date Collected: _____
Extract. Method: <u>3510C</u>	Date Extracted: <u>05/21/2014 11:27</u>
Sample wt/vol: <u>250 (mL)</u>	Date Analyzed: <u>05/28/2014 22:24</u>
Con. Extract Vol.: <u>1 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>5 (uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>184443</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	Biphenyl	ND		5.0	0.65
108-60-1	bis (2-chloroisopropyl) ether	ND		5.0	0.52
95-95-4	2,4,5-Trichlorophenol	ND		5.0	0.48
88-06-2	2,4,6-Trichlorophenol	ND		5.0	0.61
120-83-2	2,4-Dichlorophenol	ND		5.0	0.51
105-67-9	2,4-Dimethylphenol	ND		5.0	0.50
51-28-5	2,4-Dinitrophenol	ND		10	2.2
121-14-2	2,4-Dinitrotoluene	ND		5.0	0.45
606-20-2	2,6-Dinitrotoluene	ND		5.0	0.40
91-58-7	2-Chloronaphthalene	ND		5.0	0.46
95-57-8	2-Chlorophenol	ND		5.0	0.53
91-57-6	2-Methylnaphthalene	ND		5.0	0.60
95-48-7	2-Methylphenol	ND		5.0	0.40
88-74-4	2-Nitroaniline	ND		10	0.42
88-75-5	2-Nitrophenol	ND		5.0	0.48
91-94-1	3,3'-Dichlorobenzidine	ND		5.0	0.40
99-09-2	3-Nitroaniline	ND		10	0.48
534-52-1	4,6-Dinitro-2-methylphenol	ND		10	2.2
101-55-3	4-Bromophenyl phenyl ether	ND		5.0	0.45
59-50-7	4-Chloro-3-methylphenol	ND		5.0	0.45
106-47-8	4-Chloroaniline	ND		5.0	0.59
7005-72-3	4-Chlorophenyl phenyl ether	ND		5.0	0.35
106-44-5	4-Methylphenol	2.71	J	10	0.36
100-01-6	4-Nitroaniline	ND		10	0.25
100-02-7	4-Nitrophenol	ND		10	1.5
83-32-9	Acenaphthene	ND		5.0	0.41
208-96-8	Acenaphthylene	ND		5.0	0.38
98-86-2	Acetophenone	ND		5.0	0.54
120-12-7	Anthracene	ND		5.0	0.28
1912-24-9	Atrazine	ND		5.0	0.46
100-52-7	Benzaldehyde	0.444	J	5.0	0.27
56-55-3	Benzo (a) anthracene	ND		5.0	0.36
50-32-8	Benzo (a) pyrene	ND		5.0	0.47
205-99-2	Benzo (b) fluoranthene	ND		5.0	0.34

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Buffalo</u>	Job No.: <u>480-60169-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>MB 480-183336/1-A</u>
Matrix: <u>Water</u>	Lab File ID: <u>W07404.D</u>
Analysis Method: <u>8270D</u>	Date Collected: _____
Extract. Method: <u>3510C</u>	Date Extracted: <u>05/21/2014 11:27</u>
Sample wt/vol: <u>250 (mL)</u>	Date Analyzed: <u>05/28/2014 22:24</u>
Con. Extract Vol.: <u>1 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>5 (uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>184443</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
191-24-2	Benzo (g,h,i) perylene	ND		5.0	0.35
207-08-9	Benzo (k) fluoranthene	ND		5.0	0.73
111-91-1	Bis (2-chloroethoxy) methane	ND		5.0	0.35
111-44-4	Bis (2-chloroethyl) ether	ND		5.0	0.40
117-81-7	Bis (2-ethylhexyl) phthalate	ND		5.0	1.8
85-68-7	Butyl benzyl phthalate	ND		5.0	0.42
105-60-2	Caprolactam	ND		5.0	2.2
86-74-8	Carbazole	ND		5.0	0.30
218-01-9	Chrysene	ND		5.0	0.33
84-74-2	Di-n-butyl phthalate	1.18	J	5.0	0.31
117-84-0	Di-n-octyl phthalate	ND		5.0	0.47
53-70-3	Dibenz (a,h) anthracene	ND		5.0	0.42
132-64-9	Dibenzofuran	ND		10	0.51
84-66-2	Diethyl phthalate	0.701	J	5.0	0.22
131-11-3	Dimethyl phthalate	ND		5.0	0.36
206-44-0	Fluoranthene	ND		5.0	0.40
86-73-7	Fluorene	ND		5.0	0.36
118-74-1	Hexachlorobenzene	ND		5.0	0.51
87-68-3	Hexachlorobutadiene	ND		5.0	0.68
77-47-4	Hexachlorocyclopentadiene	ND		5.0	0.59
67-72-1	Hexachloroethane	ND		5.0	0.59
193-39-5	Indeno (1,2,3-cd) pyrene	ND		5.0	0.47
78-59-1	Isophorone	ND		5.0	0.43
621-64-7	N-Nitrosodi-n-propylamine	ND		5.0	0.54
86-30-6	N-Nitrosodiphenylamine	ND		5.0	0.51
91-20-3	Naphthalene	ND		5.0	0.76
98-95-3	Nitrobenzene	ND		5.0	0.29
87-86-5	Pentachlorophenol	ND		10	2.2
85-01-8	Phenanthrene	ND		5.0	0.44
108-95-2	Phenol	ND		5.0	0.39
129-00-0	Pyrene	ND		5.0	0.34

FORM II
PESTICIDES SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-60169-1

SDG No.: _____

Matrix: Water Level: Low

GC Column (1): RTX-CLPI ID: 0.53 (mm) GC Column (2): RTX-CLPII ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	TCX1 #	TCX2 #	DCBP1 #	DCBP2 #
OW-35	480-60169-1	86	80	43	48
OW-36	480-60169-2	79	86	36	36
OW-34	480-60169-3	89	76	62	66
OW-16	480-60169-4	93	82	21	32
OW-32	480-60169-5	103	72	50	58
OW-37	480-60219-1	71	76	34	41
OW-33	480-60219-2	68	92	41	61
OW-31	480-60219-3	74	79	27	59
	MB 480-183216/1-A	76	73	25	43
	MB 480-183479/1-A	66	83	32	43
	LCS 480-183216/2-A	74	72	17 X	28
	LCS 480-183479/2-A	60	74	25	30
	LCSD 480-183479/3-A	64	79	20	24

TCX = Tetrachloro-m-xylene
DCBP = DCB Decachlorobiphenyl

QC LIMITS
36-120
20-120

Column to be used to flag recovery values

FORM II 8081B

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-60169-1
 SDG No.: _____
 Client Sample ID: OW-35 Lab Sample ID: 480-60169-1
 Instrument ID (1): HP6890-25 Instrument ID (2): HP6890-25
 Date Analyzed (1): 05/22/2014 17:28 Date Analyzed (2): 05/22/2014 17:28
 GC Column (1): RTX-CLPI ID: 0.53 (mm) GC Column (2): RTX-CLPII ID: 0.53 (mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.58	2.51	2.61	0.045		109.3
	2		2.94	2.91	3.01	0.013		
gamma-BHC (Lindane)	1		2.80	2.74	2.84	0.0080		107.1
	2		3.23	3.21	3.31	0.026		
trans-Chlordane	1		4.05	4.03	4.13	0.023		73.9
	2		4.77	4.74	4.84	0.011		
4,4'-DDE	1		4.28	4.26	4.36	0.011		51.7
	2		5.12	5.07	5.17	0.019		
4,4'-DDD	1		4.89	4.86	4.96	0.022		36.3
	2		5.73	5.68	5.78	0.016		
4,4'-DDT	1		5.16	5.14	5.24	0.039		44.9
	2		6.06	6.00	6.10	0.025		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-60169-1
 SDG No.: _____
 Client Sample ID: OW-36 Lab Sample ID: 480-60169-2
 Instrument ID (1): HP6890-25 Instrument ID (2): HP6890-25
 Date Analyzed (1): 05/22/2014 17:46 Date Analyzed (2): 05/22/2014 17:46
 GC Column (1): RTX-CLPI ID: 0.53 (mm) GC Column (2): RTX-CLPII ID: 0.53 (mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.57	2.51	2.61	0.019		13.0
	2		2.95	2.91	3.01	0.022		
gamma-BHC (Lindane)	1		2.78	2.74	2.84	0.011		66.6
	2		3.25	3.21	3.31	0.022		
delta-BHC	1		2.98	2.94	3.04	0.016		10.1
	2		3.59	3.55	3.65	0.018		
4,4'-DDE	1		4.29	4.26	4.36	0.014		29.4
	2		5.12	5.07	5.17	0.019		
4,4'-DDD	1		4.90	4.86	4.96	0.028		20.9
	2		5.72	5.68	5.78	0.022		
4,4'-DDT	1		5.17	5.14	5.24	0.031		1.1
	2		6.06	6.00	6.10	0.032		
Endrin aldehyde	1		5.45	5.41	5.51	0.021		2.3
	2		6.18	6.12	6.22	0.022		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-60169-1
 SDG No.: _____
 Client Sample ID: OW-34 Lab Sample ID: 480-60169-3
 Instrument ID (1): HP6890-25 Instrument ID (2): HP6890-25
 Date Analyzed (1): 05/22/2014 18:39 Date Analyzed (2): 05/22/2014 18:39
 GC Column (1): RTX-CLPI ID: 0.53 (mm) GC Column (2): RTX-CLPII ID: 0.53 (mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
gamma-BHC (Lindane)	1		2.80	2.74	2.84	0.0091		55.8
	2		3.23	3.21	3.31	0.016		
delta-BHC	1		3.00	2.94	3.04	0.0097		40.0
	2		3.62	3.55	3.65	0.015		
Aldrin	1		3.43	3.36	3.46	0.0084		119.2
	2		4.03	3.95	4.05	0.033		
4,4'-DDD	1		4.89	4.86	4.96	0.012		6.1
	2		5.72	5.68	5.78	0.012		
Methoxychlor	1		5.73	5.66	5.76	0.37		152.2
	2		6.78	6.70	6.80	0.051		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-60169-1
 SDG No.: _____
 Client Sample ID: OW-32 Lab Sample ID: 480-60169-5
 Instrument ID (1): HP6890-25 Instrument ID (2): HP6890-25
 Date Analyzed (1): 05/22/2014 19:15 Date Analyzed (2): 05/22/2014 19:15
 GC Column (1): RTX-CLPI ID: 0.53 (mm) GC Column (2): RTX-CLPII ID: 0.53 (mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
delta-BHC	1		2.98	2.94	3.04	0.014		133.5
	2		3.62	3.55	3.65	0.069		
Heptachlor	1		3.16	3.11	3.21	0.013		43.0
	2		3.71	3.63	3.73	0.021		
Aldrin	1		3.44	3.36	3.46	0.11		162.2
	2		3.99	3.95	4.05	0.011		
Endosulfan I	1		4.35	4.29	4.39	0.014		66.9
	2		5.01	4.95	5.05	0.028		
Dieldrin	1		4.61	4.53	4.63	0.024		11.3
	2		5.30	5.24	5.34	0.027		
Endrin	1		4.82	4.76	4.86	0.018		117.8
	2		5.57	5.55	5.65	0.070		
4,4'-DDD	1		4.90	4.86	4.96	0.040		1.4
	2		5.75	5.68	5.78	0.039		
4,4'-DDT	1		5.17	5.14	5.24	0.064		19.2
	2		6.06	6.00	6.10	0.053		
Endrin aldehyde	1		5.45	5.41	5.51	0.037		3.5
	2		6.14	6.12	6.22	0.038		
Methoxychlor	1		5.70	5.66	5.76	0.058		48.1
	2		6.77	6.70	6.80	0.094		
Endrin ketone	1		6.20	6.13	6.23	0.022		25.0
	2		7.00	6.94	7.04	0.017		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-60169-1
 SDG No.: _____
 Client Sample ID: OW-37 Lab Sample ID: 480-60219-1
 Instrument ID (1): HP6890-5 Instrument ID (2): HP6890-5
 Date Analyzed (1): 05/23/2014 10:43 Date Analyzed (2): 05/23/2014 10:43
 GC Column (1): RTX-CLPI ID: 0.53 (mm) GC Column (2): RTX-CLPII ID: 0.53 (mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.50	2.45	2.51	0.029		107.1
	2		2.93	2.89	2.95	0.0087		
Heptachlor epoxide	1		3.86	3.83	3.89	0.018		85.4
	2		4.53	4.50	4.56	0.044		
trans-Chlordane	1		3.97	3.95	4.01	0.020		67.1
	2		4.71	4.70	4.76	0.010		
4,4'-DDE	1		4.20	4.18	4.24	0.015		89.3
	2		5.05	5.03	5.09	0.038		
Dieldrin	1		4.45	4.45	4.51	0.0094		12.1
	2		5.23	5.18	5.24	0.011		
Endrin	1		4.74	4.69	4.75	0.019		89.9
	2		5.49	5.48	5.54	0.049		
4,4'-DDD	1		4.82	4.78	4.84	0.032		87.2
	2		5.63	5.61	5.67	0.012		
Endosulfan II	1		4.95	4.91	4.97	0.011		105.4
	2		5.75	5.70	5.76	0.034		
4,4'-DDT	1		5.10	5.07	5.13	0.051		46.9
	2		5.98	5.93	5.99	0.032		
Endrin aldehyde	1		5.38	5.34	5.40	0.042		41.6
	2		6.06	6.03	6.09	0.028		
Methoxychlor	1		5.62	5.59	5.65	0.053		45.4
	2		6.67	6.62	6.68	0.033		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-60169-1
 SDG No.: _____
 Client Sample ID: OW-33 Lab Sample ID: 480-60219-2
 Instrument ID (1): HP6890-5 Instrument ID (2): HP6890-5
 Date Analyzed (1): 05/23/2014 11:00 Date Analyzed (2): 05/23/2014 11:00
 GC Column (1): RTX-CLPI ID: 0.53 (mm) GC Column (2): RTX-CLPII ID: 0.53 (mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.50	2.45	2.51	0.017		59.9
	2		2.94	2.89	2.95	0.0094		
trans-Chlordane	1		3.97	3.95	4.01	0.012		57.5
	2		4.72	4.70	4.76	0.022		
4,4'-DDE	1		4.20	4.18	4.24	0.011		108.6
	2		5.05	5.03	5.09	0.037		
4,4'-DDT	1		5.09	5.07	5.13	0.029		60.3
	2		5.98	5.93	5.99	0.054		
Endrin aldehyde	1		5.38	5.34	5.40	0.024		39.2
	2		6.06	6.03	6.09	0.036		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-60169-1
 SDG No.: _____
 Client Sample ID: OW-31 Lab Sample ID: 480-60219-3
 Instrument ID (1): HP6890-5 Instrument ID (2): HP6890-5
 Date Analyzed (1): 05/23/2014 11:18 Date Analyzed (2): 05/23/2014 11:18
 GC Column (1): RTX-CLPI ID: 0.53 (mm) GC Column (2): RTX-CLPII ID: 0.53 (mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.50	2.45	2.51	0.031		46.6
	2		2.91	2.89	2.95	0.019		
gamma-BHC (Lindane)	1		2.70	2.68	2.74	0.014		41.4
	2		3.22	3.20	3.26	0.022		
delta-BHC	1		2.91	2.87	2.93	0.015		67.6
	2		3.54	3.53	3.59	0.031		
Heptachlor	1		3.06	3.04	3.10	0.014		79.9
	2		3.62	3.61	3.67	0.032		
trans-Chlordane	1		3.98	3.95	4.01	0.045		49.8
	2		4.71	4.70	4.76	0.027		
cis-Chlordane	1		4.13	4.08	4.14	0.030		56.6
	2		4.89	4.85	4.91	0.017		
4,4'-DDE	1		4.21	4.18	4.24	0.033		77.1
	2		5.05	5.03	5.09	0.074		
Endosulfan I	1		4.27	4.21	4.27	0.024		48.6
	2		4.94	4.90	4.96	0.039		
Dieldrin	1		4.45	4.45	4.51	0.013		81.7
	2		5.23	5.18	5.24	0.030		
Endrin	1		4.71	4.69	4.75	0.015		179.2
	2		5.52	5.48	5.54	0.27		
Endosulfan II	1		4.94	4.91	4.97	0.014		131.2
	2		5.75	5.70	5.76	0.066		
4,4'-DDT	1		5.10	5.07	5.13	0.056		0.4
	2		5.98	5.93	5.99	0.056		
Methoxychlor	1		5.62	5.59	5.65	0.044		74.6
	2		6.68	6.62	6.68	0.096		
Endrin ketone	1		6.07	6.06	6.12	0.016		60.6
	2		6.86	6.84	6.90	0.031		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-60169-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 480-183479/1-A
 Instrument ID (1): HP6890-5 Instrument ID (2): HP6890-5
 Date Analyzed (1): 05/23/2014 08:50 Date Analyzed (2): 05/23/2014 08:50
 GC Column (1): RTX-CLPI ID: 0.53 (mm) GC Column (2): RTX-CLPII ID: 0.53 (mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.48	2.45	2.51	0.0156		57.8
	2		2.94	2.89	2.95	0.00862		
4,4'-DDD	1		4.80	4.78	4.84	0.0111		14.2
	2		5.63	5.61	5.67	0.00964		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-60169-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 480-183479/2-A
 Instrument ID (1): HP6890-5 Instrument ID (2): HP6890-5
 Date Analyzed (1): 05/23/2014 09:08 Date Analyzed (2): 05/23/2014 09:08
 GC Column (1): RTX-CLPI ID: 0.53 (mm) GC Column (2): RTX-CLPII ID: 0.53 (mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.48	2.45	2.51	0.277		20.9
	2		2.92	2.89	2.95	0.342		
gamma-BHC (Lindane)	1		2.71	2.68	2.74	0.284		22.7
	2		3.22	3.20	3.26	0.357		
beta-BHC	1		2.77	2.74	2.80	0.300		22.9
	2		3.29	3.26	3.32	0.378		
delta-BHC	1		2.90	2.87	2.93	0.293		23.2
	2		3.56	3.53	3.59	0.370		
Heptachlor	1		3.07	3.04	3.10	0.301		19.4
	2		3.64	3.61	3.67	0.366		
Aldrin	1		3.32	3.29	3.35	0.264		8.6
	2		3.96	3.93	3.99	0.287		
Heptachlor epoxide	1		3.86	3.83	3.89	0.334		8.9
	2		4.53	4.50	4.56	0.365		
trans-Chlordane	1		3.98	3.95	4.01	0.290		18.7
	2		4.73	4.70	4.76	0.350		
cis-Chlordane	1		4.11	4.08	4.14	0.279		14.4
	2		4.88	4.85	4.91	0.323		
4,4'-DDE	1		4.21	4.18	4.24	0.263		22.9
	2		5.06	5.03	5.09	0.331		
Endosulfan I	1		4.24	4.21	4.27	0.302		15.6
	2		4.93	4.90	4.96	0.354		
Dieldrin	1		4.48	4.45	4.51	0.312		18.8
	2		5.21	5.18	5.24	0.376		
Endrin	1		4.72	4.69	4.75	0.352		9.4
	2		5.51	5.48	5.54	0.386		
4,4'-DDD	1		4.81	4.78	4.84	0.342		8.3
	2		5.64	5.61	5.67	0.371		
Endosulfan II	1		4.94	4.91	4.97	0.364		0.6
	2		5.73	5.70	5.76	0.362		
4,4'-DDT	1		5.10	5.07	5.13	0.360		6.7
	2		5.96	5.93	5.99	0.336		
Endrin aldehyde	1		5.37	5.34	5.40	0.408		2.3
	2		6.06	6.03	6.09	0.399		
Methoxychlor	1		5.62	5.59	5.65	0.328		26.0
	2		6.65	6.62	6.68	0.425		
Endosulfan sulfate	1		5.82	5.79	5.85	0.348		9.1
	2		6.35	6.32	6.38	0.381		
Endrin ketone	1		6.09	6.06	6.12	0.347		7.8
	2		6.87	6.84	6.90	0.375		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-60169-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 480-183479/3-A
 Instrument ID (1): HP6890-5 Instrument ID (2): HP6890-5
 Date Analyzed (1): 05/23/2014 09:25 Date Analyzed (2): 05/23/2014 09:25
 GC Column (1): RTX-CLPI ID: 0.53 (mm) GC Column (2): RTX-CLPII ID: 0.53 (mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.48	2.45	2.51	0.302		19.5
	2		2.92	2.89	2.95	0.367		
gamma-BHC (Lindane)	1		2.71	2.68	2.74	0.309		21.4
	2		3.23	3.20	3.26	0.384		
beta-BHC	1		2.77	2.74	2.80	0.326		19.7
	2		3.29	3.26	3.32	0.397		
delta-BHC	1		2.90	2.87	2.93	0.311		22.8
	2		3.56	3.53	3.59	0.390		
Heptachlor	1		3.07	3.04	3.10	0.330		15.0
	2		3.64	3.61	3.67	0.384		
Aldrin	1		3.32	3.29	3.35	0.269		6.3
	2		3.96	3.93	3.99	0.287		
Heptachlor epoxide	1		3.86	3.83	3.89	0.361		8.1
	2		4.53	4.50	4.56	0.391		
trans-Chlordane	1		3.98	3.95	4.01	0.314		17.4
	2		4.73	4.70	4.76	0.373		
cis-Chlordane	1		4.11	4.08	4.14	0.305		16.0
	2		4.88	4.85	4.91	0.357		
4,4'-DDE	1		4.21	4.18	4.24	0.288		19.2
	2		5.06	5.03	5.09	0.349		
Endosulfan I	1		4.24	4.21	4.27	0.329		14.8
	2		4.93	4.90	4.96	0.381		
Dieldrin	1		4.48	4.45	4.51	0.339		16.6
	2		5.21	5.18	5.24	0.400		
Endrin	1		4.72	4.69	4.75	0.391		4.9
	2		5.51	5.48	5.54	0.411		
4,4'-DDD	1		4.81	4.78	4.84	0.368		8.3
	2		5.64	5.61	5.67	0.400		
Endosulfan II	1		4.94	4.91	4.97	0.395		2.0
	2		5.73	5.70	5.76	0.387		
4,4'-DDT	1		5.10	5.07	5.13	0.399		12.3
	2		5.96	5.93	5.99	0.353		
Endrin aldehyde	1		5.37	5.34	5.40	0.444		4.3
	2		6.06	6.03	6.09	0.425		
Methoxychlor	1		5.62	5.59	5.65	0.374		50.9
	2		6.65	6.62	6.68	0.222		
Endosulfan sulfate	1		5.82	5.79	5.85	0.375		8.2
	2		6.35	6.32	6.38	0.408		
Endrin ketone	1		6.09	6.06	6.12	0.369		8.1
	2		6.87	6.84	6.90	0.401		

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Buffalo</u>	Job No.: <u>480-60169-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>MB 480-183216/1-A</u>
Matrix: <u>Water</u>	Lab File ID: <u>25_74047.D</u>
Analysis Method: <u>8081B</u>	Date Collected: _____
Extraction Method: <u>3510C</u>	Date Extracted: <u>05/21/2014 06:23</u>
Sample wt/vol: <u>250 (mL)</u>	Date Analyzed: <u>05/22/2014 10:08</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1 (uL)</u>	GC Column: <u>RTX-CLPII</u> ID: <u>0.53 (mm)</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>183531</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	ND		0.050	0.0092
72-55-9	4,4'-DDE	ND		0.050	0.012
50-29-3	4,4'-DDT	ND		0.050	0.011
309-00-2	Aldrin	ND		0.050	0.0081
319-84-6	alpha-BHC	ND		0.050	0.0077
5103-71-9	cis-Chlordane	ND		0.050	0.015
319-85-7	beta-BHC	ND		0.050	0.025
319-86-8	delta-BHC	0.0121	J	0.050	0.010
60-57-1	Dieldrin	ND		0.050	0.0098
959-98-8	Endosulfan I	ND		0.050	0.011
33213-65-9	Endosulfan II	ND		0.050	0.012
1031-07-8	Endosulfan sulfate	ND		0.050	0.016
72-20-8	Endrin	ND		0.050	0.014
7421-93-4	Endrin aldehyde	ND		0.050	0.016
53494-70-5	Endrin ketone	ND		0.050	0.012
58-89-9	gamma-BHC (Lindane)	ND		0.050	0.0080
5103-74-2	trans-Chlordane	ND		0.050	0.011
76-44-8	Heptachlor	ND		0.050	0.0085
1024-57-3	Heptachlor epoxide	ND		0.050	0.0074
72-43-5	Methoxychlor	ND		0.050	0.014
8001-35-2	Toxaphene	ND		0.50	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	43		20-120
877-09-8	Tetrachloro-m-xylene	73		36-120

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Buffalo</u>	Job No.: <u>480-60169-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>MB 480-183479/1-A</u>
Matrix: <u>Water</u>	Lab File ID: <u>5_11067.D</u>
Analysis Method: <u>8081B</u>	Date Collected: _____
Extraction Method: <u>3510C</u>	Date Extracted: <u>05/22/2014 06:42</u>
Sample wt/vol: <u>250 (mL)</u>	Date Analyzed: <u>05/23/2014 08:50</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1 (uL)</u>	GC Column: <u>RTX-CLPI</u> ID: <u>0.53 (mm)</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>183751</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	0.0111	J	0.050	0.0092
72-55-9	4,4'-DDE	ND		0.050	0.012
50-29-3	4,4'-DDT	ND		0.050	0.011
309-00-2	Aldrin	ND		0.050	0.0081
319-84-6	alpha-BHC	0.0156	J	0.050	0.0077
5103-71-9	cis-Chlordane	ND		0.050	0.015
319-85-7	beta-BHC	ND		0.050	0.025
319-86-8	delta-BHC	ND		0.050	0.010
60-57-1	Dieldrin	ND		0.050	0.0098
959-98-8	Endosulfan I	ND		0.050	0.011
33213-65-9	Endosulfan II	ND		0.050	0.012
1031-07-8	Endosulfan sulfate	ND		0.050	0.016
72-20-8	Endrin	ND		0.050	0.014
7421-93-4	Endrin aldehyde	ND		0.050	0.016
53494-70-5	Endrin ketone	ND		0.050	0.012
58-89-9	gamma-BHC (Lindane)	ND		0.050	0.0080
5103-74-2	trans-Chlordane	ND		0.050	0.011
76-44-8	Heptachlor	ND		0.050	0.0085
1024-57-3	Heptachlor epoxide	ND		0.050	0.0074
72-43-5	Methoxychlor	ND		0.050	0.014
8001-35-2	Toxaphene	ND		0.50	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	32		20-120
877-09-8	Tetrachloro-m-xylene	66		36-120

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-60169-1
 SDG No.: _____
 Client Sample ID: OW-35 MS Lab Sample ID: 480-60169-1 MS
 Instrument ID (1): HP5890-13 Instrument ID (2): HP5890-13
 Date Analyzed (1): 05/28/2014 22:23 Date Analyzed (2): 05/28/2014 22:23
 GC Column (1): RTX-CLPI ID: 0.32 (mm) GC Column (2): RTX-CLPII ID: 0.32 (mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
2,4-D	1		13.75	13.73	13.79	4.44		26.4
	2		16.21	16.19	16.25	3.41		
Silvex (2,4,5-TP)	1		15.08	15.06	15.12	3.68		3.0
	2		18.31	18.28	18.34	3.57		
2,4,5-T	1		15.59	15.57	15.63	3.10		29.6
	2		19.23	19.20	19.26	4.18		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-60169-1
 SDG No.: _____
 Client Sample ID: OW-35 MSD Lab Sample ID: 480-60169-1 MSD
 Instrument ID (1): HP5890-13 Instrument ID (2): HP5890-13
 Date Analyzed (1): 05/28/2014 22:53 Date Analyzed (2): 05/28/2014 22:53
 GC Column (1): RTX-CLPI ID: 0.32 (mm) GC Column (2): RTX-CLPII ID: 0.32 (mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
2,4-D	1		13.75	13.73	13.79	6.06		52.3
	2		16.21	16.19	16.25	3.55		
Silvex (2,4,5-TP)	1		15.08	15.06	15.12	3.82		7.7
	2		18.31	18.28	18.34	3.54		
2,4,5-T	1		15.59	15.57	15.63	3.15		27.6
	2		19.23	19.20	19.26	4.15		

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-60169-1

SDG No.: _____

ICV Source: MEI_10_CCVL_00030 Concentration Units: mg/L

CCV Source: MEI_10_CCVL_00030

Analyte	ICVL 480-183497/7 05/21/2014 13:12				CCVL 480-183497/28 05/21/2014 18:38				CCVL 480-183497/40 05/21/2014 19:08			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Arsenic	0.0159		0.0150	106	0.0137	J	0.0150	91	0.0148	J	0.0150	98
Barium	0.00209		0.00200	105	0.00248		0.00200	124	0.00212		0.00200	106
Cadmium	0.00202		0.00200	101	0.00218		0.00200	109	0.00219		0.00200	110
Chromium	0.00408		0.00400	102	0.00435		0.00400	109	0.00422		0.00400	106
Lead	0.00922	J	0.0100	92	0.0101		0.0100	101	0.00942	J	0.0100	94
Selenium	0.0251		0.0250	100	0.0238	J	0.0250	95	0.0263		0.0250	105
Silver	0.00583	J	0.00600	97	0.00591	J	0.00600	99	0.00590	J	0.00600	98

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-60169-1

SDG No.: _____

ICV Source: MEI_10_CCVL_00030 Concentration Units: mg/L

CCV Source: MEI_10_CCVL_00030

Analyte	CCVL 480-183497/47 05/21/2014 20:03											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Arsenic	0.0147	J	0.0150	98								
Barium	0.00238		0.00200	119								
Cadmium	0.00200		0.00200	100								
Chromium	0.00388	J	0.00400	97								
Lead	0.00993	J	0.0100	99								
Selenium	0.0245	J	0.0250	98								
Silver	0.00581	J	0.00600	97								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-60169-1

SDG No.: _____

ICV Source: MEI_10_CCVL_00030 Concentration Units: mg/L

CCV Source: MEI_10_CCVL_00030

Analyte	ICVL 480-183499/7 05/21/2014 13:12				CCVL 480-183499/16 05/21/2014 21:11				CCVL 480-183499/23 05/21/2014 21:42			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Arsenic	0.0159		0.0150	106	0.0148	J	0.0150	99	0.0139	J	0.0150	93
Barium	0.00209		0.00200	105	0.00224		0.00200	112	0.00209		0.00200	105
Cadmium	0.00202		0.00200	101	0.00202		0.00200	101	0.00210		0.00200	105
Chromium	0.00408		0.00400	102	0.00369	J	0.00400	92	0.00405		0.00400	101
Lead	0.00922	J	0.0100	92	0.00953	J	0.0100	95	0.00976	J	0.0100	98
Selenium	0.0251		0.0250	100	0.0253		0.0250	101	0.0240	J	0.0250	96
Silver	0.00583	J	0.00600	97	0.00564	J	0.00600	94	0.00583	J	0.00600	97

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-60169-1

SDG No.: _____

ICV Source: MEI_10_CCVL_00030 Concentration Units: mg/L

CCV Source: MEI_10_CCVL_00030

Analyte	CCVL 480-183499/35 05/21/2014 22:19				CCVL 480-183499/47 05/21/2014 22:53							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Arsenic	0.0147	J	0.0150	98	0.0136	J	0.0150	91				
Barium	0.00203		0.00200	102	0.00300		0.00200	150				
Cadmium	0.00211		0.00200	106	0.00193	J	0.00200	97				
Chromium	0.00400		0.00400	100	0.00449		0.00400	112				
Lead	0.00911	J	0.0100	91	0.00991	J	0.0100	99				
Selenium	0.0233	J	0.0250	93	0.0251		0.0250	100				
Silver	0.00505	J	0.00600	84	0.00603		0.00600	101				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2017 Remedial Investigation

**(These DUSRs include samples
that are not part of the monitoring
program and are not discussed
in this report)**

OW-1, OW-14BR & OW-21

Data Usability Summary Report

Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

Nash Rd., Wheatfield
TestAmerica Laboratories, Inc. SDG#480-123304-1
November 22, 2017
Sampling date: 8/28/2017

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

Nash Rd., Wheatfield
SDG# 480-123304-1

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for LiRo Engineers, project located at Nash Rd., Wheatfield, Project #932054, TestAmerica Laboratories, Inc., SDG#480-123304-1, submitted to Vali-Data of WNY, LLC on October 13, 2017. This DUSR has been prepared in general compliance with NYSDEC Analytical Services Protocols and USEPA National Functional Guidelines. The laboratory performed the analyses using USEPA method Volatile Organics (8260C), Semi-Volatile Organics (8270D), Pesticides (8081B), PCB (8082A), Inorganics (6010C), Mercury (7470A) and in accordance with general chemistry methods.

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use.

Samples; NS-OW22-GW, NS-OW21-GW, NS-OW1-GW and NS-OWD-GW were diluted due to foaming.

DATA COMPLETENESS

All criteria were met.

Nash Rd., Wheatfield

SDG# 480-123304-1

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the sample were met except the pH of NS-OW1-GW was outside QC limits. This sample was analyzed within seven days of collection, so no further action is required.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

All criteria were met except the %Rec of several target analytes was outside QC limits in NS-OW23-GWMSD but within limits in NS-OW23-GWMS, so no further action is required.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on all target analytes whose %RSD >20.0%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

GC/MS PERFORMANCE CHECK

All criteria were met.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in MS/MSD and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the sample were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

Nash Rd., Wheatfield

SDG# 480-123304-1

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

All criteria were met except the %Rec of 4-Nitrophenol was outside ASP QC limits, high in NS-OW1-GWMS/MSD and should be qualified as estimated in NS-OW1-GWMS/MSD and NS-OW1-GWMS/MSD, if detected.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on all target analytes whose %RSD >20.0%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of 4-Nitrophenol was outside the outer ASP QC limits in CCVIS 480-374591/3 and should be qualified as estimated in the blank, spikes and samples.

GC/MS PERFORMANCE CHECK

All criteria were met.

PESTICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation

Nash Rd., Wheatfield

SDG# 480-123304-1

- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Surrogate Spike Recoveries and Compound Quantitation.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the samples were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of TCMX was outside QC limits, high off column RTX-CLP I in NS-OW1-GW. This surrogate should be qualified as estimated in the associated sample. The %Rec of a couple of surrogates was outside laboratory QC limits but within ASP limits, so no further action is required.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met except gamma-BHC and alpha-BHC were detected in NS-OWD-GW but were not detected in NS-OW1-GW.

LABORATORY CONTROL SAMPLES

All criteria were met except the %Rec of Endosulfan Sulfate was outside ASP QC limits, high in LCS 480-374344/2-A. This target analyte was not detected in the sample, so no further action is required.

MS/MSD

All criteria were met.

COMPOUND QUANTITATION

All criteria were met except the RPD of 4,4'-DDT was outside QC limits between the two columns in sample NS-OW21-GW and should be qualified as estimated. The RPD of gamma-BHC was outside QC limits between the two columns in sample NS-OWD-GW and should be qualified as estimated.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used on all target analytes and surrogates with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

PCB

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Laboratory Control Samples, MS/MSD and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the samples were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met except the RPD between the columns was outside QC limits for Aroclor 1260 in LCS 480-374461/2-A and should be qualified as estimated.

MS/MSD

All criteria were met except the RPD between the columns was outside QC limits for Aroclor 1260 in NS-OW23-GWMS/MSD and should be qualified as estimated.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used on the target analytes and surrogates in which the %RSD was >20.0%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of Aroclor 1221 peak 1 was outside QC limits off column ZB-5 in CCV 480-374627/5. The %D of Aroclor 1262 peak 4 was outside QC limits off column ZB-5 in CCV 480-374627/6. The %D of Aroclor 1232 peaks 3 and 5 was outside QC limits off column ZB-35 in CCV 480-374627/6. The %D of Aroclor 1016 peak 5 was outside QC limits off column ZB-35 in CCV 480-374627/30. ASP requires three conforming peaks, so no further action is required.

The %D of Aroclor 1016 peaks 1-5 and Aroclor 1260 peaks 1, 2, 4, 5 and DCBP was outside QC limits off column ZB-35 in CCVIS 480-374627/4. The %D of Aroclor 1221 peaks 1 and 2 and Aroclor 1254 peaks 1-5 was outside QC limits off column ZB-35 in CCV 480-374627/5. The %D

of Aroclor 1262 peaks 1-5 was outside QC limits off column ZB-35 in CCV 480-374627/6. The %D of Aroclor 1242 peaks 2-5 and Aroclor 1268 peaks 1-4 were outside QC limits off column ZB-35 in CCV 480-374627/7. The %D of Aroclor 1248 peaks 1, 4 and 5 off column ZB-35 was outside QC limits in CCV 480-374627/8. The %D of Aroclor 1260 peaks 2, 4 and 5 was outside QC limits off column ZB-35 in CCV 480-374627/30. These target analytes should be qualified as estimated in the associated samples off the associated column.

METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Blanks
- Laboratory Control Sample
- MS/MSD
- Field Duplicate
- Serial Dilution
- Compound Quantitation
- Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Blanks and Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

BLANKS

All criteria were met except Al, Mn and Zn were detected in MB 480-374343/1-B above the MDL, below the reporting limit and are qualified as estimated. Cu and Mn were detected above the MDL, below the reporting limit and are qualified as estimated in MB 480-374277/1-A. Mn and Na were detected above the MDL, below the reporting limit and are qualified as estimated in CCB 480-374572/19. Associated samples in which these target analytes were detected above the MDL and below the reporting limit should be reported with the reporting limit and 'undetected'. Associated samples in which these target analytes were detected above the reporting limit should be qualified as estimated high.

LABORATORY CONTROL SAMPLE

All criteria were met.

MS/MSD

All criteria were met.

FIELD DUPLICATE

All criteria were met.

SERIAL DILUTION

All criteria were met.

COMPOUND QUANTITATION

All criteria were met.

CALIBRATION

All criteria were met except the %Rec of Cr was outside ASP QC limits, high, in ICVL 480-374772/7. The %Rec of Cu and V was outside ASP QC limits, high, in CCVL 480-374772/20. The %Rec of Cu and Se was outside ASP QC limits, high, in CCVL 480-374754/49. Associated samples, blanks and spikes in which these target analytes were detected above the MDL should be qualified as estimated high.

The %Rec of Fe and Ag was outside ASP QC limits, low, in ICVL 480-374772/7. The %Rec of As, Co, Fe, Ni and K was outside ASP QC limits, low, in CCVL 480-374772/20. The %Rec of Fe, Se and Ag was outside ASP QC limits, low, in CCVL 480-374772/32. The %Rec of As, Co, Fe, Ni and Se was outside ASP QC limits, low, in CCVL 480-374772/44. The %Rec of Ag was outside ASP QC limits, low, in CCVL 480-374754/49. The %Rec of As and V was outside ASP QC limits, low, in CCVL 480-374754/60. These target analytes should be qualified as estimate in the associated samples, blanks and spikes.

GENERAL CHEMISTRY

The following items/criteria were reviewed for this analytical suite:

Nash Rd., Wheatfield

SDG# 480-123304-1

- Alkalinity
- Chloride/Sulfate

The items listed above were technically in compliance with the method and SOP criteria with any exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below.

ALKALINITY

All criteria were met.

CHLORIDE/SULFATE

All criteria were met except the concentration of Sulfate in NS-OW23-GWMS/MSD and should be qualified as estimated in NS-OW23-GWMS/MSD and NS-OW23-GW, if detected.

All of the samples except NS-SD2-GW were diluted.

OW-16 & OW-35

Data Usability Summary Report

Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

Nash Rd., Wheatfield
TestAmerica Laboratories, Inc. SDG#480-123420-1
November 28, 2017
Sampling date: 8/30/2017

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

Nash Rd., Wheatfield
SDG# 480-123420-1

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for LiRo Engineers, project located at Nash Rd., Wheatfield, Project #932054, TestAmerica Laboratories, Inc., SDG#480-123420-1, submitted to Vali-Data of WNY, LLC on October 13, 2017. This DUSR has been prepared in general compliance with NYSDEC Analytical Services Protocols and USEPA National Functional Guidelines. The laboratory performed the analyses using USEPA method Volatile Organics (8260C), Semi-Volatile Organics (8270D), Pesticides (8081B), PCB (8082A), Inorganics (6010C), Mercury (7470A) and in accordance with general chemistry methods.

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Laboratory Control Samples.

Sample; NS-OW35-GW was diluted due to high target analyte concentrations.

Samples; NS-OW16-GW, NS-OW32-GW and NS-OWD-GW were diluted due to foaming.

DATA COMPLETENESS

All criteria were met.

Nash Rd., Wheatfield

SDG# 480-123420-1

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the sample were met except the pH of NS-OW16-GW and NS-OWD-GW was outside QC limits. These samples were analyzed within 7 days of collection, so no further action is required.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met except the %Rec of 1,1,2,2-Tetrachloroethane was outside QC limits, high in LCS 480-375300/5. This target analyte should be qualified as estimated high in the associated samples, if detected.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on all target analytes whose %RSD >20.0%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

The %D of some target analytes were outside laboratory QC limits but were within ASP limits, so no further action is required.

Nash Rd., Wheatfield

SDG# 480-123420-1

GC/MS PERFORMANCE CHECK

All criteria were met.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Laboratory Control Samples and MS/MSD.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the sample were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met except the concentration of 3,3'-Dichlorobenzidine exceeded the initial calibration in LCS/SD 480-374940/2-A/3-A and should be qualified with an 'E'. This target analyte should be qualified as estimated in the associated samples, if detected.

The %Rec of 3,3'-Dichlorobenzidine and 4,6-Dinitro-2-methylphenol was outside QC limits, high in LCS/SD 480-374940/2-A/3-A and should be qualified as estimated in the associated samples, if detected.

MS/MSD

All criteria were met except the %Rec of 4-Chloro-3-methylphenol, 2,4-Dinitrotoluene and Pentachlorophenol was outside ASP QC limits, high in NS-OW35-GWMS/MSD. These target analytes should be qualified as estimated in NS-OW35-GW, NS-OWD-GW and NS-OW35-GWMS/MSD, if detected.

The %Rec of 3,3'-Dichlorobenzidine was outside QC limits, low in NS-OW35-GWMS/MSD. This target analyte should be qualified as estimated in NS-OW35-GW, NS-OWD-GW and NS-OW35-GWMS/MSD.

The RPD of 2,6-Dinitrotoluene, 2-Nitroaniline, 3,3'-Dichlorobenzidine, 3-Nitroaniline, 4-Nitrophenol, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(g,h,i)perylene Bis(2-ethylhexyl)phthalate, Chrysene, Di-n-octyl phthalate, Dibenz(a,h)anthracene, Indeno(1,2,3-cd)pyrene and N-nitrosodiphenylamine was outside QC limits between NS-OW35-GWMS and NS-OW35-GWMSD and should be qualified as estimated in NS-OW35-GW, NS-OWD-GW and NS-OW35-GWMS/MSD.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on all target analytes whose %RSD >20.0%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

GC/MS PERFORMANCE CHECK

All criteria were met.

PESTICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Laboratory Control Samples and Compound Quantitation.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the samples were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met except alpha-BHC was detected in NS-OW16-GW but was not detected in NS-OWD-GW. 4,4'-DDD was detected in NS-OWD-GW but was not detected in NS-OW16-GW.

LABORATORY CONTROL SAMPLES

All criteria were met except the RPD of Endrin aldehyde was outside QC limits between the two columns in LCS 480-374875/2-A and LSCD 480-374875/3-A. This target analyte should be qualified as estimated in LCS 480-374875/2-A and LSCD 480-374875/3-A.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met except the RPD of alpha-BHC was outside QC limits between the two columns in sample NS-OW16-GW and should be qualified as estimated. The RPD of 4,4'-DDT was outside QC limits between the two columns in sample NS-OW2-GW and should be qualified as estimated.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used on all target analytes and surrogates with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of Toxaphene peaks 4 and 5 was outside QC limits off column RTX-CLPII in CCV 480-374979/7. ASP requires three peaks to be compliant, so no further action is required.

PCB

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries

Nash Rd., Wheatfield

SDG# 480-123420-1

- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Surrogate Spike Recoveries and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the samples were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except DCBP off column ZB-35 was outside ASP QC limits, low in NS-OW16-GW and should be qualified as estimated.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used on the target analytes and surrogates in which the %RSD was >20.0%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of Aroclor 1016 peak 2 was outside QC limits off column ZB-5 in CCVIS 480-375251/4. The %D of Aroclor 1260 peak 1 was outside QC limits off column ZB-35 in CCVIS 480-375251/4. The %D of Aroclor 1254 peak 3 was outside QC limits off column ZB-5 in CCV 480-375251/5. The %D of Aroclor 1232 peak 5 was outside QC limits off both columns in CCV 480-375251/6. The %D of Aroclor 1248 peaks 2 and 3 was outside QC limits off column ZB-5 in CCV 480-375251/8. The %D of Aroclor 1016 peak 2 was outside QC limits off column ZB-5 in CCV 480-375251/30. The %D of Aroclor 1016 peak 4 was outside QC limits off column ZB-35 in CCV 480-375251/30. ASP requires three conforming peaks, so no further action is required.

The %D of Aroclor 1260 peaks 1-5 was outside QC limits off column ZB-5 in CCVIS 480-375251/4. The %D of Aroclor 1221 peak 1 was outside QC limits off column ZB-5 in CCV 480-375251/5. The %D of Aroclor 1254 peaks 1, 3, 4, 5 was outside QC limits off column ZB-35 in CCV 480-375251/5. The %D of Aroclor 1262 peaks 1-5 was outside QC limits off column ZB-5 in CCV 480-375251/6. The %D of Aroclor 1262 peaks 1-3 was outside QC limits off column ZB-35 in CCV 480-375251/6. The %D of Aroclor 1268 peaks 1, 2, 5 was outside QC limits off column ZB-5 in CCV 480-375251/7. The %D of Aroclor 1268 peaks 1, 2, 5 was outside QC limits off column ZB-35 in CCV 480-375251/7. The %D of Aroclor 1260 peaks 1-5 was outside QC limits off column ZB-5 in CCV 480-375251/30. The %D of Aroclor 1260 peaks 1-4 was outside QC limits off column ZB-35 in CCV 480-375251/30. These target analytes should be qualified as estimated in the associated samples off the associated column.

METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Blanks
- Laboratory Control Sample
- MS/MSD
- Field Duplicate
- Serial Dilution

Nash Rd., Wheatfield

SDG# 480-123420-1

- Compound Quantitation
- Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Blanks and Calibration.

The samples arrived at the laboratory unpreserved but were preserved by the laboratory within QC limits, so no further action is required.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

BLANKS

All criteria were met except Ca and Mn were detected in MB 480-374738/1-A above the MDL, below the reporting limit and is qualified as estimated. Zn was detected above the MDL, below the reporting limit and is qualified as estimated in MB 480-374984/1-B. Zn was detected above the MDL, below the reporting limit and is qualified as estimated in CCB 480-375388/29, 35 and CCB 480-375823/18, 23. Associated samples in which these target analytes were detected above the MDL and below the reporting limit should be reported with the reporting limit and 'undetected'. Associated samples in which these target analytes were detected above the reporting limit should be qualified as estimated high.

LABORATORY CONTROL SAMPLE

All criteria were met.

MS/MSD

No MS/MSD was acquired.

FIELD DUPLICATE

All criteria were met.

SERIAL DILUTION

No serial dilution was performed.

COMPOUND QUANTITATION

All criteria were met.

CALIBRATION

All criteria were met except the %Rec of Zn was outside ASP QC limits, high, in ICVL 480-375338/7 and CCVL 480-375593/30. The %Rec of Cr and V was outside ASP QC limits, high, in ICVL 480-375173/7. The %Rec of Ba, Cr, Cu and Na was outside ASP QC limits, high, in CCVL 480-375173/19. The %Rec of Cr was outside ASP QC limits, high, in CCVL 480-375173/24 and CCVL 480-375173/48. The %Rec of Ba, Cr and Mn was outside ASP QC limits, high, in CCVL 480-375173/36. The %Rec of Ba was outside ASP QC limits, high, in CCVL 480-375173/57. The %Rec of Zn was outside ASP QC limits, high, in ICVL 480-375446/7 and CCVL 480-375446/17, 29, 36. The %Rec of Zn was outside ASP QC limits, high, in ICVL 480-375823/7 and CCVL 480-375823/19, 21. Associated samples, blanks and spikes in which these target analytes were detected above the MDL should be qualified as estimated high.

The %Rec of Al and As was outside ASP QC limits, low, in CCVL 480-375173/24. The %Rec of As and Ag was outside ASP QC limits, low, in CCVL 480-375173/36. The %Rec of Al, Fe and Ag was outside ASP QC limits, low, in CCVL 480-375173/48. The %Rec of Ag was outside ASP QC limits, low, in CCVL 480-375173/57. The %Rec of Al and Se was outside ASP QC limits, low, in ICVL 480-375446/7 and CCVL 480-375446/29, 36. The %Rec of Al, As and Cr was outside ASP QC limits, low, in CCVL 480-375446/17. These target analytes should be qualified as estimate in the associated samples, blanks and spikes.

GENERAL CHEMISTRY

The following items/criteria were reviewed for this analytical suite:

- Alkalinity
- Chloride/Sulfate

The items listed above were technically in compliance with the method and SOP criteria with any exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use.

All of the samples were diluted for Chloride and Sulfate due to high target analyte concentrations.

ALKALINITY

All criteria were met.

CHLORIDE/SULFATE

All criteria were met.

OW-31

Data Usability Summary Report

Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

Nash Rd., Wheatfield
TestAmerica Laboratories, Inc. SDG#480-123050-1
November 9, 2017
Sampling date: 8/22/2017

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

Nash Rd., Wheatfield
SDG# 480-123050-1

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for LiRo Engineers, project located at Nash Rd., Wheatfield, Project #932054, TestAmerica Laboratories, Inc., SDG#480-123050-1, submitted to Vali-Data of WNY, LLC on October 13, 2017. This DUSR has been prepared in general compliance with NYSDEC Analytical Services Protocols and USEPA National Functional Guidelines. The laboratory performed the analyses using USEPA method Volatile Organics (8260C), Semi-Volatile Organics (8270D), Pesticides (8081B), PCB (8082A), Inorganics (6010C), Mercury (7470A) and in accordance with general chemistry methods.

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

Nash Rd., Wheatfield

SDG# 480-123050-1

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the sample were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on all target analytes whose %RSD >20.0%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

GC/MS PERFORMANCE CHECK

All criteria were met.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Laboratory Control Samples and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the sample were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

Nash Rd., Wheatfield

SDG# 480-123050-1

METHOD BLANK

All the criteria were met except Bis(2-ethylhexyl)phthalate was detected above the MDL, below the reporting limit and is qualified as estimated in MB 480-373789/1-A. This target analyte was not detected in the samples, so no further action is required.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met except the RPD between LCS 480-373789/2-A and LCSD 480-373789/3-A was outside QC limits for Bis(2-ethylhexyl)phthalate. This target analyte should be qualified as estimated in the laboratory control samples and associated samples.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on all target analytes whose %RSD >20.0%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of 4-Nitrophenol was outside ASP outer QC limits in CCVIS 480-374270/3 and should be qualified as estimated in the associated blank, samples and spikes.

GC/MS PERFORMANCE CHECK

All criteria were met.

PESTICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples

Nash Rd., Wheatfield

SDG# 480-123050-1

- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Surrogate Spike Recoveries, Method Blank, Laboratory Control Samples and Compound Quantitation.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the samples were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of DCBP off column RTX-CLPII was outside ASP QC limits, low in NS-OW-34-GW and should be qualified as estimated.

METHOD BLANK

All the criteria were met except alpha-BHC was detected above the MDL, below the reporting limit and is qualified as estimated in MB 480-373892/1-A. If this target analyte was detected in the associated samples below the reporting limit, it should be qualified as undetected at the reporting limit. If this target analyte was detected above the reporting limit in the associated samples, it should be qualified as estimated, high.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met except the RPD between the columns was outside QC limits for Endrin aldehyde in LCS 480-373892/2-A . This target analyte should be qualified as estimated in LCS 480-373892/2-A.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met except the RPD of 4,4'-DDT was outside QC limits between the two columns in sample NS-OW-34-GW and should be qualified as estimated.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used on all target analytes and surrogates with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

PCB

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Laboratory Control Samples and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the samples were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met except the RPD between the columns was outside QC limits for Aroclor 1260 in LCS 480-373590/2-A and LCSD 480-373590/3-A and should be qualified as estimated in the laboratory control sample.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used on the target analytes and surrogates in which the %RSD was >20.0%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of Aroclor 1260 peak 1 was outside QC limits off column ZB-35 in CCVIS 480-373762/4. The %D of Aroclor 1254 peaks 1 and 3 off column ZB-5 and Aroclor 1254 peak 1 off column ZB-35 was outside QC limits in CCVIS 480-373762/5. The %D of Aroclor 1232 peak 5 and Aroclor 1262 peak 1 was outside QC limits off column ZB-35 in CCVIS 480-373762/6. The %D of Aroclor 1242 peaks 4 and 5 and Aroclor 1268 peak 2 was outside QC limits off column ZB-35 in CCVIS 480-373762/7. The %D of Aroclor 1248 peak 1 off column ZB-35 and Aroclor 1248 peak 5 off column ZB-35 were outside QC limits in CCVIS 480-373762/8. ASP requires three conforming peaks, so no further action is required.

The %D of Aroclor 1260 peaks 1-4 and TCMX was outside QC limits off column ZB-5 in CCVIS 480-373762/4. The %D of Aroclor 1221 peak 3 was outside QC limits off column ZB-35 in CCVIS 480-373762/5. The %D of Aroclor 1262 peaks 1,2 and 4 was outside QC limits off column ZB-5 in CCVIS 480-373762/6. The %D of Aroclor 1242 peak 1, 2 and 4 and Aroclor 1268 peaks 1-3 was outside QC limits off column ZB-5 in CCVIS 480-373762/7. These target analytes should be qualified as estimated in the associated samples off the associated column.

METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Blanks
- Laboratory Control Sample
- MS/MSD
- Field Duplicate
- Serial Dilution
- Compound Quantitation
- Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Blanks and Calibration.

The samples arrived at the laboratory unpreserved but were preserved by the laboratory within QC limits, so no further action is required.

Sample, NS-OW-31-GW was diluted for lead due to the presence of sulfur.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

BLANKS

All criteria were met except Mn was detected in MB 480-373796/1-A above the MDL, below the reporting limit and is qualified as estimated. Cu and Mn were detected above the MDL, below the reporting limit and are qualified as estimated in MB 480-373533/1-B. Zn was detected above the MDL, below the reporting limit and is qualified as estimated in MB 480-374565/1-B. Associated samples in which these target analytes were detected above the MDL and below the reporting limit should be reported with the reporting limit and 'undetected'. Associated samples in which these target analytes were detected above the reporting limit should be qualified as estimated high.

LABORATORY CONTROL SAMPLE

All criteria were met.

MS/MSD

No MS/MSD was acquired.

FIELD DUPLICATE

No field duplicate was acquired.

SERIAL DILUTION

No serial dilution was performed.

COMPOUND QUANTITATION

All criteria were met.

CALIBRATION

All criteria were met except the %Rec of Pb was outside ASP QC limits, high, in CCVL 480-374370/27. Associated samples, blanks and spikes in which this target analyte was detected above the MDL should be qualified as estimated high.

The %Rec of Al and Se was outside ASP QC limits, low, in CCVL 480-374188/19. The %Rec of As was outside ASP QC limits, low, in CCVL 480-374188/24 and CCVL 480-374190/23. The %Rec of Se was outside ASP QC limits, low, in CCVL 480-374188/48 and CCVL 480-374190/35. The %Rec of Al was outside ASP QC limits, low, in CCVL 480-374188/57 and CCVL 480-374190/19. The %Rec of As and Se was outside ASP QC limits, low, in CCVL 480-374190/45. The %Rec of Hg was outside ASP QC limits, low, in ICVL 480-373821/3 and CCVL 480-373821/82. These target analytes should be qualified as estimate in the associated samples, blanks and spikes.

GENERAL CHEMISTRY

The following items/criteria were reviewed for this analytical suite:

- Alkalinity
- Chloride/Sulfate

The items listed above were technically in compliance with the method and SOP criteria with any exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use.

ALKALINITY

All criteria were met.

CHLORIDE/SULFATE

All criteria were met.

OW-36, OW-37, LPZ-01S & LPZ-08S

Data Usability Summary Report

Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

Nash Rd., Wheatfield
TestAmerica Laboratories, Inc. SDG#480-123342-1
November 27, 2017
Sampling date: 8/29/2017

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

Nash Rd., Wheatfield
SDG# 480-123342-1

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for LiRo Engineers, project located at Nash Rd., Wheatfield, Project #932054, TestAmerica Laboratories, Inc., SDG#480-123342-1, submitted to Vali-Data of WNY, LLC on October 13, 2017. This DUSR has been prepared in general compliance with NYSDEC Analytical Services Protocols and USEPA National Functional Guidelines. The laboratory performed the analyses using USEPA method Volatile Organics (8260C), Semi-Volatile Organics (8270D), Pesticides (8081B), PCB (8082A), Inorganics (6010C), Mercury (7470A) and in accordance with general chemistry methods.

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use.

Sample, NS-OW36-GW was diluted due to high target analyte concentrations.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Nash Rd., Wheatfield

SDG# 480-123342-1

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the sample were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on all target analytes whose %RSD >20.0%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

GC/MS PERFORMANCE CHECK

All criteria were met.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Surrogate Spike Recoveries and Laboratory Control Samples.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the sample were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of 2,4,6-Tribromophenol was outside QC limits, high in NS-OW36-GW. Associated target analytes detected in this sample should be qualified as estimated high.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met except the concentration of 3,3'-Dichlorobenzidine exceeded the initial calibration in LCS/SD 480-374524/2-A/3-A and should be qualified with an 'E'. This target analyte should be qualified as estimated in the associated samples, if detected.

The %Rec of 3,3'-Dichlorobenzidine and 4,6-Dinitro-2-methylphenol was outside QC limits, high in LCS/SD 480-374524/2-A/3-A and should be qualified as estimated in the associated samples, if detected.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on all target analytes whose %RSD >20.0%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

GC/MS PERFORMANCE CHECK

All criteria were met.

PESTICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports

Nash Rd., Wheatfield

SDG# 480-123342-1

- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Surrogate Spike Recoveries, Laboratory Control Samples and Compound Quantitation.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the samples were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of TCMX was outside QC limits, high off column RTX-CLP I in NS-OW36-GW and should be qualified as estimated.

The %Rec of a couple of surrogates was outside laboratory QC limits but within ASP limits, so no further action is required.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met except the %Rec of Endosulfan sulfate was outside ASP QC limits, high in LSC 480-374528/2-A and LCSD 480-374528/3-A. This target analyte should be qualified as estimated in LSC 480-374528/2-A and LCSD 480-374528/3-A and associated samples in which it was detected.

The %Rec of Endrin was outside QC limits in LCSD 480-374528/3-A but within limits in LSC 480-374528/2-A, so no further action is required.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met except the RPD of alpha-BHC was outside QC limits between the two columns in sample NS-LPZ02S-GW and should be qualified as estimated. The RPD of beta-BHC was outside QC limits between the two columns in sample NS-LPZ08S-GW and should be qualified as estimated. The RPD of Aldrin was outside QC limits between the two columns in sample NS-OW36-GW and should be qualified as estimated.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used on all target analytes and surrogates with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of Toxaphene peak 5 was outside QC limits off column RTX-CLPII in CCV 480-374637/7. ASP requires three peaks to be compliant, so no further action is required.

PCB

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration

Nash Rd., Wheatfield

SDG# 480-123342-1

- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Laboratory Control Samples and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the samples were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except TCMX off column ZB-5 was outside laboratory QC limits in LCS 480-374652/2-A but within ASP limits, so no further action is required.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met except the %Rec of Aroclor 1016 in LCS 480-374652/2-A was outside QC limits and should be qualified as estimated. The %Rec of Aroclor 1260 in LCS 480-374652/2-A was outside laboratory QC limits but within ASP limits, so no further action is required.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used on the target analytes and surrogates in which the %RSD was >20.0%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of Aroclor 1260 peak 1 was outside QC limits off column ZB-35 in CCVIS 480-374834/4. The %D of Aroclor 1254 peaks 3 and 5 was outside QC limits off column ZB-35 in CCV 480-374834/5. The %D of Aroclor 1016 peak 2 was outside QC limits off column ZB-5 in CCV 480-374834/30. ASP requires three conforming peaks, so no further action is required.

The %D of Aroclor 1016 peaks 1, 2, 4 and 5 and Aroclor 1260 peaks 1, 2, 4, 5 was outside QC limits off column ZB-5 in CCVIS 480-374834/4. The %D of Aroclor 1016 peaks 1, 2, 4 and 5, TCMX and DCBP was outside QC limits off column ZB-35 in CCVIS 480-374834/4. The %D of Aroclor 1221 peaks 1-4 and Aroclor 1254 peaks 1-5 were outside QC limits off column ZB-5 in CCV 480-374834/5. The %D of Aroclor 1221 peaks 1, 3, 4 was outside QC limits off column ZB-35 in CCV 480-374834/5. The %D of Aroclor 1232 peaks 1-4 and Aroclor 1262 peaks 1-3 were outside QC limits off column ZB-5 in CCV 480-374834/6. The %D of Aroclor 1232 peaks 2, 3, 4 was outside QC limits off column ZB-35 in CCV 480-374834/6. The %D of Aroclor 1242 peaks 1-5 and Aroclor 1268 peaks 1, 2, 4 was outside QC limits off column ZB-5 in CCV 480-374834/7. The %D of Aroclor 1242 peaks 2, 3, 4 was outside QC limits off column ZB-35 in CCV 480-374834/7. The %D of Aroclor 1248 peaks 1, 3-5 off column ZB-5 and Aroclor 1248 peaks 2-5 off column ZB-35 was outside QC limits in CCV 480-374834/8. The %D of Aroclor 1260 peaks 1, 2, 4, 5 and TCMX was outside QC limits off column ZB-5 in CCV 480-374834/30. The %D of Aroclor 1016 peaks 1-5, TCMX and DCBP was outside QC limits off column ZB-35 in CCV 480-374834/30. These target analytes should be qualified as estimated in the associated samples off the associated column.

METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Blanks
- Laboratory Control Sample
- MS/MSD
- Field Duplicate
- Serial Dilution
- Compound Quantitation
- Calibration

Nash Rd., Wheatfield

SDG# 480-123342-1

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Blanks and Calibration.

The samples arrived at the laboratory unpreserved but were preserved by the laboratory within QC limits, so no further action is required.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

BLANKS

All criteria were met except Mn was detected in MB 480-374525/1-A above the MDL, below the reporting limit and is qualified as estimated. Mn and Zn were detected above the MDL, below the reporting limit and are qualified as estimated in MB 480-374567/1-B. Associated samples in which these target analytes were detected above the MDL and below the reporting limit should be reported with the reporting limit and 'undetected'. Associated samples in which these target analytes were detected above the reporting limit should be qualified as estimated high.

LABORATORY CONTROL SAMPLE

All criteria were met.

MS/MSD

All criteria were met.

FIELD DUPLICATE

All criteria were met except Al and Pb were detected above the MDL, below the reporting limit in NS-LPZD-GW but were not detected in NS-LPZ01S-GW. Fe was detected above the MDL, below the reporting limit in NS-LPZD-GW(diss) but was not detected in NS-LPZ01S-GW(diss).

SERIAL DILUTION

All criteria were met.

Nash Rd., Wheatfield

SDG# 480-123342-1

COMPOUND QUANTITATION

All criteria were met.

CALIBRATION

All criteria were met except the %Rec of Cu and Se was outside ASP QC limits, high, in CCVL 480-374754/49. The %Rec of Se was outside ASP QC limits, high, in CCVL 480-374754/95. The %Rec of Cr and Se was outside ASP QC limits, high, in ICVL 480-374966/7. The %Rec of Cr was outside ASP QC limits, high, in CCVL 480-374966/50 and CCVL 480-374966/58. Associated samples, blanks and spikes in which these target analytes were detected above the MDL should be qualified as estimated high.

The %Rec of Ag was outside ASP QC limits, low, in CCVL 480-374754/49. The %Rec of As and V was outside ASP QC limits, low, in CCVL 480-374754/60. The %Rec of Ag was outside ASP QC limits, low, in CCVL 480-374754/84. The %Rec of Ag and As was outside ASP QC limits, low, in CCVL 480-374754/95. The %Rec of Pb was outside ASP QC limits, low, in ICVL 480-374966/7. These target analytes should be qualified as estimate in the associated samples, blanks and spikes.

GENERAL CHEMISTRY

The following items/criteria were reviewed for this analytical suite:

- Alkalinity
- Chloride/Sulfate

The items listed above were technically in compliance with the method and SOP criteria with any exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below.

All of the samples except NS-OW36-GW were diluted for Chloride and Sulfate due to high target analyte concentrations.

ALKALINITY

All criteria were met except there was a detect above the MDL, below the reporting limit in CCB29 batch# 374778. Associated target analytes that were detected above the reporting limit and should be qualified as estimated high.

CHLORIDE/SULFATE

All criteria were met.

LPZ-03S, LPZ-04S, LPZ-05S & LPZ-06S

Data Usability Summary Report

Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

Nash Rd., Wheatfield
TestAmerica Laboratories, Inc. SDG#480-123019-1
November 8, 2017
Sampling date: 8/21/2017

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

Nash Rd., Wheatfield
SDG# 480-123019-1

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for LiRo Engineers, project located at Nash Rd., Wheatfield, Project #932054, TestAmerica Laboratories, Inc., SDG#480-123019-1, submitted to Vali-Data of WNY, LLC on October 13, 2017. This DUSR has been prepared in general compliance with NYSDEC Analytical Services Protocols and USEPA National Functional Guidelines. The laboratory performed the analyses using USEPA method Volatile Organics (8260C), Semi-Volatile Organics (8270D), Pesticides (8081B), PCB (8082A), Inorganics (6010C), Mercury (7470A) and in accordance with general chemistry methods.

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use.

Samples, NS-LPZ-04S-GW, NS-LPZ-05S-GW and NS-LPZ-07S-GW were diluted due to foaming.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Nash Rd., Wheatfield

SDG# 480-123019-1

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the sample were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on all target analytes whose %RSD >20.0%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

GC/MS PERFORMANCE CHECK

All criteria were met.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the sample were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on all target analytes whose %RSD >20.0%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

GC/MS PERFORMANCE CHECK

All criteria were met.

PESTICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Method Blank, Laboratory Control Samples and Compound Quantitation.

Sample, NS-LPZ-03S-GW was treated with Copper due to the presence of Sulfur in the sample.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the samples were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met except gamma-BHC was detected above the MDL, below the reporting limit and is qualified as estimated in MB 480-373350/1-A. If this target analyte was detected in the associated samples below the reporting limit, it should be qualified as undetected at the reporting limit. If this target analyte was detected above the reporting limit in the associated samples, it should be qualified as estimated, high.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met except the RPD between the columns was outside QC limits for Endrin aldehyde in LCS 480-373350/2-A and alpha-Chlordane in LCSD 480-373350/3-A. These target analytes should be qualified as estimated in the associated laboratory control sample.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met except the RPD of 4,4'-DDD was outside QC limits between the two columns in sample NS-LPZ-06S-GW. The RPD of alpha-BHC was outside QC limits between the two columns in sample NS-LPZ-07S-GW. These target analytes should be qualified as estimated in the associated samples.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used on all target analytes and surrogates with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

PCB

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Laboratory Control Samples and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the samples were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met except the RPD between the columns was outside QC limits for Aroclor 1260 in LCS 480-373590/2-A and LCSD 480-373590/3-A and should be qualified as estimated in the laboratory control samples.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used on the target analytes and surrogates in which the %RSD was >20.0%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of Aroclor 1260 peak 1 was outside QC limits off column ZB-35 in CCVIS 480-373762/4. The %D of Aroclor 1254 peaks 1 and 3 off column ZB-5 and Aroclor 1254 peak 1 off column ZB-35 was outside QC limits in CCVIS 480-373762/5. The %D of Aroclor 1232 peak 5 and Aroclor 1262 peak 1 was outside QC limits off column ZB-35 in CCVIS 480-373762/6. The %D of Aroclor 1242 peaks 4 and 5 and Aroclor 1268 peak 2 was outside QC limits off column ZB-35 in CCVIS 480-373762/7. The %D of Aroclor 1248 peak 1 off column ZB-35 and Aroclor 1248 peak 5 off column ZB-35 was outside QC limits in CCVIS 480-373762/8. ASP requires three conforming peaks, so no further action is required.

The %D of Aroclor 1260 peaks 1-4 and TCMX was outside QC limits off column ZB-5 in CCVIS 480-373762/4. The %D of Aroclor 1221 peak 3 was outside QC limits off column ZB-35 in CCVIS 480-373762/5. The %D of Aroclor 1262 peaks 1,2 and 4 was outside QC limits off column ZB-5 in CCVIS 480-373762/6. The %D of Aroclor 1242 peak 1, 2 and 4 and Aroclor 1268 peaks 1-3 was outside QC limits off column ZB-5 in CCVIS 480-373762/7. These target analytes should be qualified as estimated in the associated blanks, spikes and samples off the associated column.

METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Blanks
- Laboratory Control Sample
- MS/MSD
- Field Duplicate
- Serial Dilution
- Compound Quantitation
- Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Blanks and Calibration.

The samples arrived at the laboratory unpreserved but were preserved by the laboratory within QC limits, so no further action is required.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

BLANKS

All criteria were met except Mn was detected in MB 480-373796/1-A above the MDL, below the reporting limit and is qualified as estimated. Cu and Mn were detected above the MDL, below the reporting limit and are qualified as estimated in MB 480-373533/1-B. Zn was detected above the MDL, below the reporting limit and is qualified as estimated in MB 480-374565/1-B. Associated samples in which these target analytes were detected above the MDL and below the reporting limit should be reported with the reporting limit and 'undetected'. Associated samples in which these target analytes were detected above the reporting limit should be qualified as estimated high.

LABORATORY CONTROL SAMPLE

All criteria were met.

MS/MSD

All criteria were met.

FIELD DUPLICATE

No field duplicate was acquired.

SERIAL DILUTION

All criteria were met.

COMPOUND QUANTITATION

All criteria were met.

CALIBRATION

All criteria were met except the %Rec of Pb was outside ASP QC limits, high, in ICVL 480-374370/27 and CCVL 480-374371/21. Associated samples, blanks and spikes in which this target analyte was detected above the MDL should be qualified as estimated high. The %Rec of Al and Se was outside ASP QC limits, low, in CCVL 480-374188/19. The %Rec of As was outside ASP QC limits, low, in CCVL 480-374188/24 and CCVL 480-374190/23. The %Rec of Se was outside ASP QC limits, low, in CCVL 480-374188/48 and CCVL 480-374190/35. The %Rec of Al was outside ASP QC limits, low, in CCVL 480-374188/57. The %Rec of As and Se was outside ASP QC limits, low, in CCVL 480-374190/45. The %Rec of Hg was outside ASP QC limits, low, in ICVL 480-373821/3 and CCVL 480-373821/82. These target analytes should be qualified as estimate in the associated samples, blanks and spikes.

GENERAL CHEMISTRY

The following items/criteria were reviewed for this analytical suite:

- Alkalinity
- Chloride/Sulfate

The items listed above were technically in compliance with the method and SOP criteria with any exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use.

ALKALINITY

All criteria were met.

CHLORIDE/SULFATE

All criteria were met except samples, NS-LPZ-04S-GW, NS-LPZ-05S-GW, NS-LPZ-07S-GW, NS-LPZ-03S-GW and NS-LPZ-06S-GW were diluted due to high target analyte concentration.

LPZ-11S & LPZ-12S

Data Usability Summary Report

Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

Nash Rd., Wheatfield
TestAmerica Laboratories, Inc. SDG#480-124643-1
November 30, 2017
Reissued March 16, 2018
Sampling date: 9/21/2017

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
1514 Davis Rd.
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Nash Rd., Wheatfield
SDG# 480-124643-1

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package (reissued; March 16, 2018) for LiRo Engineers, project located at Nash Rd., Wheatfield, Project #932054, TestAmerica Laboratories, Inc., SDG#480-124643-1, submitted to Vali-Data of WNY, LLC on October 13, 2017. This DUSR has been prepared in general compliance with NYSDEC Analytical Services Protocols and USEPA National Functional Guidelines. The laboratory performed the analyses using USEPA method Volatile Organics (8260C), Semi-Volatile Organics (8270D), Pesticides (8081B), PCB (8082A), Inorganics (6010C), Mercury (7470A) and in accordance with general chemistry methods.

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Surrogate Spike Recoveries and MS/MSD.

Sample; NS-LPZ12S-GW was diluted due to foaming.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Nash Rd., Wheatfield

SDG# 480-124643-1

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the sample were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of Toluene-d₈ was outside ASP QC limits, low in NS-LPZ12S-GW, NS-LPZ09S-GW, NS-LPZD-GW and MB 480-378703/7. Associated target analytes in these samples should be qualified as estimated.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

All criteria were met except the %Rec of Ethyl benzene and Isopropyl benzene was outside QC, high limits in NS-LPZ11S-GWMS/MSD. These target analytes should be qualified as estimated in NS-LPZ11S-GW and NS-LPZ11S-GWMS/MSD, if detected.

Toluene was outside laboratory QC limits but within ASP limits, so no further action is required. Tetrachloroethene was outside QC limits in NS-LPZ11S-GWMSD but within limits in NS-LPZ11S-GWMS, so no further action is required.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on all target analytes whose %RSD >20.0%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of Vinyl Chloride was outside QC limits in CCVIS 480-378703/3. ASP allows for up to two target analytes to be outside QC limits without further action.

The %D of some target analytes was outside laboratory QC limits but within ASP limits, so no further action is required.

GC/MS PERFORMANCE CHECK

All criteria were met.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Surrogate Spike Recoveries, Laboratory Control Samples and MS/MSD.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the sample were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of Nitrobenzene-d₅ and 2,4,6-Tribromophenol were outside QC limits, high in NS-LPZD-GW. Associated target analytes detected in this sample should be qualified as estimated high.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met except the concentration of 3,3'-Dichlorobenzidine exceeded the initial calibration in LCS/SD 480-377953/2-A/3-A and should be qualified with an 'E'. This target analyte should be qualified as estimated in the associated samples, if detected.

The %Rec of Carbazole, 3,3'-Dichlorobenzidine and 3-Nitroaniline was outside QC limits, high in LCS 480-378294/2-A and should be qualified as estimated in the associated samples, if detected.

MS/MSD

All criteria were met except the %Rec of 4-Chloro-3-methylphenol, 4-Nitrophenol and 2,4-Dinitrotoluene was outside QC limits, high in NS-LPZ11S-GWMS/MSD and should be qualified as estimated in NS-LPZ11S-GW and NS-LPZ11S-GWMS/MSD, if detected.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on all target analytes whose %RSD >20.0%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

Nash Rd., Wheatfield

SDG# 480-124643-1

GC/MS PERFORMANCE CHECK

All criteria were met.

PESTICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Laboratory Control Samples, Compound Quantitation and MS/MSD.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the samples were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

Nash Rd., Wheatfield

SDG# 480-124643-1

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met except the %Rec of Endosulfan sulfate was outside ASP QC limits, high in LCS 480-378303/2-A and should be qualified as estimated in the associated samples, if detected.

The RPD on Endrin aldehyde was outside QC limits between the columns in LCS 480-378303/2-A and should be qualified as estimated.

MS/MSD

All criteria were met except the %Rec of Endosulfan sulfate was outside QC limits in NS-LPZ11S-GWMSD but was within limits in NS-LPZ11S-GWMS, so no further action is required.

The RPD on Methoxychlor was outside QC limits between the columns in NS-LPZ11S-GWMS and should be qualified as estimated. The RPD on Methoxychlor, gamma-BHC and Endosulfan sulfate was outside QC limits between the columns in NS-LPZ11S-GWMSD and should be qualified as estimated.

COMPOUND QUANTITATION

All criteria were met except the RPD of 4,4'-DDD and beta-BHC was outside QC limits between the columns in NS-LPZ09S-GW and should be qualified as estimated.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used on all target analytes and surrogates with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

PCB

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank

Nash Rd., Wheatfield

SDG# 480-124643-1

- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Surrogate Spike Recoveries, Compound Quantitation and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the samples were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of DCBP off column ZB-35 was outside QC limits, low in NS-LPZ12S-GW and should be qualified as estimated.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

All criteria were met.

COMPOUND QUANTITATION

All criteria were met except the RPD of Aroclor 1242 was outside QC limits between the columns in NS-LPZ09S-GW and should be qualified as estimated.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used on the target analytes and surrogates in which the %RSD was >20.0%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of Aroclor 1260 peak 2 was outside QC limits off column ZB-35 in CCVIS 480-378399/6. The %D of Aroclor 1242 peaks 4 and 5 was outside QC limits off column ZB-35 in CCV 480-378399/9. The %D of Aroclor 1248 peaks 2 and 3 was outside QC limits off column ZB-35 in CCV 480-378399/10. ASP requires three conforming peaks, so no further action is required.

The %D of Aroclor 1262 peaks 3-5 was outside QC limits off column ZB-35 in CCV 480-378399/8.

The %D of Aroclor 1268 peaks 1-5 was outside QC limits off column ZB-35 in CCV 480-378399/9.

These target analytes should be qualified as estimated in the associated samples off the associated column.

METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Blanks
- Laboratory Control Sample
- MS/MSD
- Field Duplicate
- Serial Dilution
- Compound Quantitation
- Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Blanks and Calibration.

Nash Rd., Wheatfield

SDG# 480-124643-1

The samples arrived at the laboratory unpreserved but were preserved by the laboratory within QC limits, so no further action is required.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

BLANKS

All criteria were met except Ca, Zn and Mn were detected in MB 480-378515/1-A above the MDL, below the reporting limit and are qualified as estimated. Ca and Mn were detected in CCB 480-378968/31 and CCB 480-378969/19 above the MDL, below the reporting limit and are qualified as estimated. Mn was detected in CCB 480-378969/35, CCB 480-378969/55 and CCB 480-379295/23 above the MDL, below the reporting limit and is qualified as estimated. Fe was detected in CCB 480-378969/47 above the MDL, below the reporting limit and is qualified as estimated. Fe and Mn were detected in CCB 480-379295/18 above the MDL, below the reporting limit and are qualified as estimated. Associated samples in which these target analytes were detected above the MDL and below the reporting limit should be reported with the reporting limit and 'undetected'. Associated samples in which these target analytes were detected above the reporting limit should be qualified as estimated high.

LABORATORY CONTROL SAMPLE

All criteria were met.

MS/MSD

All criteria were met.

FIELD DUPLICATE

All criteria were met except Cd was detected above the MDL, below the reporting limit in NS-LPZD-GW but was not detected in NS-LPZ09S-GW. V was detected above the MDL, below the reporting limit in NS-LPZ09S -GW but was not detected in NS-LPZD-GW. As and Cr were detected above the MDL, below the reporting limit in NS-LPZD-GW(diss) but were not detected in NS-LPZ09S-GW(diss).

SERIAL DILUTION

All criteria were met.

COMPOUND QUANTITATION

All criteria were met.

CALIBRATION

All criteria were met except the %Rec of Cu was outside ASP QC limits, high, in CCV 480-378968/18, 30, 40 and CCV 480-378969/18, 22, 34. The %Rec of Al, Ba, Cr and Fe was outside ASP QC limits, high, in ICVL 480-378968/7 and ICVL 480-378969/7. The %Rec of Ba and Cr was outside ASP QC limits, high, in CCVL 480-378968/20. The %Rec of Al, Ba, Ca, Mn and Cr was outside ASP QC limits, high, in CCVL 480-378968/32 and CCVL 480-378969/20. The %Rec of Ba, Cu, Mn, K and Cr was outside ASP QC limits, high, in CCVL 480-378968/42. The %Rec of Cr, Cu, Mn and K was outside ASP QC limits, high, in CCVL 480-378969/24. The %Rec of Ba, Cr, Mg, Mn and K was outside ASP QC limits, high, in CCVL 480-378969/36. The %Rec of As, Ba and Cr was outside ASP QC limits, high, in CCVL 480-378969/48. The %Rec of Ba, Cr, Fe, Mn and Na was outside ASP QC limits, high, in CCVL 480-378969/56. The %Rec of Fe was outside ASP QC limits, high, in CCVL 480-379295/19. The %Rec of Fe and Mn was outside ASP QC limits, high, in CCVL 480-379295/24. The %Rec of Hg was outside ASP QC limits, high, in CCVL 480-378340/88.

Associated samples, blanks and spikes in which these target analytes were detected above the MDL should be qualified as estimated high.

The %Rec of Ag was outside ASP QC limits, low, in CCVL 480-378968/20, 32, 42 and CCVL 480-378969/20, 24, 56. The %Rec of Fe was outside ASP QC limits, low, in ICVL 480-379046/7 and CCVL 480-379046/19, 29. These target analytes should be qualified as estimate in the associated samples, blanks and spikes.

GENERAL CHEMISTRY

The following items/criteria were reviewed for this analytical suite:

- Alkalinity
- Chloride/Sulfate

The items listed above were technically in compliance with the method and SOP criteria with any exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use.

All of the samples, except NS-LPZ12S-GW, were diluted for Chloride and Sulfate due to high target analyte concentrations.

Sample, NS-LPZ12S-GW was diluted due to screening results.

ALKALINITY

All criteria were met.

Nash Rd., Wheatfield

SDG# 480-124643-1

CHLORIDE/SULFATE

All criteria were met.

LDP-01, LDP-02, LDP-03 & LDP-04

Data Usability Summary Report

Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

Nash Rd., Wheatfield
TestAmerica Laboratories, Inc. SDG#480-123215-1
November 15, 2017
Sampling date: 8/24/2017

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

Nash Rd., Wheatfield
SDG# 480-123215-1

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for LiRo Engineers, project located at Nash Rd., Wheatfield, Project #932054, TestAmerica Laboratories, Inc., SDG#480-123215-1, submitted to Vali-Data of WNY, LLC on October 13, 2017. This DUSR has been prepared in general compliance with NYSDEC Analytical Services Protocols and USEPA National Functional Guidelines. The laboratory performed the analyses using USEPA method Volatile Organics (8260C), Semi-Volatile Organics (8270D), Pesticides (8081B), PCB (8082A), Inorganics (6010C) and Mercury (7470A).

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the sample were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on all target analytes whose %RSD >20.0%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

GC/MS PERFORMANCE CHECK

All criteria were met.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Laboratory Control Samples.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the sample were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met except the concentration of 3,3'-Dichlorobenzidine exceeded the initial calibration in LCS/SD 480-374019/2-A/3-A and should be qualified with an 'E'. This target analyte should be qualified as estimated in the associated samples, if detected.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on all target analytes whose %RSD >20.0%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

GC/MS PERFORMANCE CHECK

All criteria were met.

PESTICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration

Nash Rd., Wheatfield

SDG# 480-123215-1

- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Surrogate Spike Recoveries, Method Blank, Laboratory Control Samples and Compound Quantitation.

Sample, NS-LDP-002-GW was diluted due to the sample matrix.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the samples were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of DCBP off column RTX-CLPII was outside ASP QC limits, low in NS-LDP-001-GW. The %Rec of TCMX was outside QC limits, high off column RTX-CLP I in NS-LDP-003-GW. These surrogates should be qualified as estimated in the associated sample. The %Rec of a couple of surrogates was outside QC limits in NS-LDP-002-GW. Due to dilution of this sample, no further action is required.

METHOD BLANK

All the criteria were met except alpha-BHC was detected above the MDL, below the reporting limit and is qualified as estimated in MB 480-373892/1-A. If this target analyte was detected in the associated samples below the reporting limit, it should be qualified as undetected at the reporting limit. If this target analyte was detected above the reporting limit in the associated samples, it should be qualified as estimated, high.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met except the RPD between the columns was outside QC limits for Endrin aldehyde in LCS 480-373892/2-A . This target analyte should be qualified as estimated in LCS 480-373892/2-A.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met except the RPD of 4,4'-DDD, alpha-BHC and Aldrin was outside QC limits between the two columns in sample NS-LDP-001-GW and should be qualified as estimated. The RPD of gamma-BHC was outside QC limits between the two columns in sample NS-LDP-002-GW and should be qualified as estimated. The RPD of 4,4'-DDD, Endosulfan I and 4,4'-DDT was outside QC limits between the two columns in sample NS-LDP-003-GW and should be qualified as estimated.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used on all target analytes and surrogates with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

PCB

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Laboratory Control Samples and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the samples were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met except the RPD between the columns was outside QC limits for Aroclor 1016 and Aroclor 1260 in LCS 480-374278/2-A and LCSD 480-374278/3-A and should be qualified as estimated in the laboratory control sample.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used on the target analytes and surrogates in which the %RSD was >20.0%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of Aroclor 1016 peak 5 and Aroclor 1260 peaks 3 and 5 was outside QC limits off column ZB-5 in CCVIS 480-374407/6. The %D of Aroclor 1262 peak 4 was outside QC limits off column ZB-5 in CCV 480-374407/8. ASP requires three conforming peaks, so no further action is required.

The %D of Aroclor 1016 peaks 1-5 and Aroclor 1260 peaks 1, 2, 4, 5, DCBP and TCMX was outside QC limits off column ZB-35 in CCVIS 480-374407/6. The %D of Aroclor 1221 peaks 2 and 3 and Aroclor 1254 peaks 1-5 was outside QC limits off column ZB-35 in CCV 480-374407/7.

The %D of Aroclor 1232 peaks 2-5 and Aroclor 1262 peaks 1-5 were outside QC limits off column ZB-35 in CCV 480-374407/8. The %D of Aroclor 1242 peaks 1-5 and Aroclor 1268 peaks 1-5 were outside QC limits off column ZB-35 in CCV 480-374407/9. The %D of Aroclor 1248 peaks 2, 3 and 5 off column ZB-5 and Aroclor 1248 peaks 2-5 was outside QC limits off column ZB-35 in CCV 480-374407/10. These target analytes should be qualified as estimated in the associated samples off the associated column.

METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Blanks
- Laboratory Control Sample
- MS/MSD
- Field Duplicate
- Serial Dilution
- Compound Quantitation
- Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Blanks and Calibration.

The samples arrived at the laboratory unpreserved but were preserved by the laboratory within QC limits, so no further action is required.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

BLANKS

All criteria were met except Mn was detected in MB 480-373992/1-A above the MDL, below the reporting limit and is qualified as estimated. K and Zn were detected above the MDL, below the reporting limit and are qualified as estimated in MB 480-373973/1-B. K was detected above the MDL, below the reporting limit and is qualified as estimated in CCB 480-374374/18 and CCB 480-374381/60. Associated samples in which these target analytes were detected above the MDL and below the reporting limit should be reported with the reporting limit and 'undetected'. Associated samples in which these target analytes were detected above the reporting limit should be qualified as estimated high.

LABORATORY CONTROL SAMPLE

All criteria were met.

MS/MSD

All criteria were met.

FIELD DUPLICATE

No field duplicate was acquired.

SERIAL DILUTION

All criteria were met.

COMPOUND QUANTITATION

All criteria were met.

CALIBRATION

All criteria were met except the %Rec of Cr and Ag was outside ASP QC limits, high, in ICVL 480-374374/7. The %Rec of As, Cr and K was outside ASP QC limits, high, in CCVL 480-374374/19. The %Rec of Cd, Se, Ag and K was outside ASP QC limits, high, in CCVL 480-374374/24. The %Rec of Cr and Zn was outside ASP QC limits, high, in CCVL 480-374374/36. The %Rec of Cr was outside ASP QC limits, high, in ICVL 480-374381/7. The %Rec of As, V and K was outside ASP QC limits, high, in CCVL 480-374381/50. The %Rec of V, Se, Zn and K was outside ASP QC limits,

high, in CCVL 480-374381/61. The %Rec of Cr, K, Se and Zn was outside ASP QC limits, high, in CCVL 480-374381/73. Associated samples, blanks and spikes in which these target analytes were detected above the MDL should be qualified as estimated high.

The %Rec of Se was outside ASP QC limits, low, in ICVL 480-374374/7. The %Rec of Tl was outside ASP QC limits, low, in CCVL 480-374374/19 and CCVL 480-374374/36. The %Rec of Tl and As was outside ASP QC limits, low, in CCVL 480-374374/24. The %Rec of Fe and Pb was outside ASP QC limits, low, in ICVL 480-374381/7. The %Rec of Fe was outside ASP QC limits, low, in CCVL 480-374381/50, CCVL 480-374381/61 and CCVL 480-374381/73. The %Rec of As was outside ASP QC limits, low, in CCVL 480-374479/17. These target analytes should be qualified as estimate in the associated samples, blanks and spikes.

Data Usability Summary Report

Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

Nash Rd., Wheatfield
TestAmerica Laboratories, Inc. SDG#480-123256-1
November 21, 2017
Sampling date: 8/25/2017

Prepared by:
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Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

Nash Rd., Wheatfield
SDG# 480-123256-1

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for LiRo Engineers, project located at Nash Rd., Wheatfield, Project #932054, TestAmerica Laboratories, Inc., SDG#480-123256-1, submitted to Vali-Data of WNY, LLC on October 13, 2017. This DUSR has been prepared in general compliance with NYSDEC Analytical Services Protocols and USEPA National Functional Guidelines. The laboratory performed the analyses using USEPA method Volatile Organics (8260C), Semi-Volatile Organics (8270D), Pesticides (8081B), PCB (8082A), Inorganics (6010C), Mercury (7470A) and in accordance with general chemistry methods.

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

Nash Rd., Wheatfield

SDG# 480-123256-1

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the sample were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on all target analytes whose %RSD >20.0%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

GC/MS PERFORMANCE CHECK

All criteria were met.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Laboratory Control Samples.

Sample; NS-LDP-004-GW was diluted due to sample matrix.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the sample were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met except the concentration of 3,3'-Dichlorobenzidine exceeded the initial calibration in LCS/SD 480-374150/2-A/3-A and should be qualified with an 'E'. This target analyte should be qualified as estimated in the associated samples, if detected.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on all target analytes whose %RSD >20.0%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of Pentachlorophenol was outside QC limits in CCVIS 480-374660/3. ASP allows for up to four target analytes to be outside QC limits without further action.

GC/MS PERFORMANCE CHECK

All criteria were met.

PESTICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank

Nash Rd., Wheatfield

SDG# 480-123256-1

- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Compound Quantitation.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the samples were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of TCMX was outside laboratory QC limits in NS-LDP-004-GW but was within ASP limits, so no further action is required.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met except the %Rec of Endosulfan Sulfate was outside ASP QC limits, high in LCS 480-374344/2-A. This target analyte was not detected in the sample, so no further action is required.

MS/MSD

No MS/MSD was acquired.

Nash Rd., Wheatfield

SDG# 480-123256-1

COMPOUND QUANTITATION

All criteria were met except the RPD of 4,4'-DDT and alpha-BHC was outside QC limits between the two columns in sample NS-LDP-004-GW and should be qualified as estimated.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used on all target analytes and surrogates with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

PCB

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Laboratory Control Samples and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the samples were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met except the RPD between the columns was outside QC limits for Aroclor 1016 and Aroclor 1260 in LCS 480-374278/2-A and LCSD 480-374278/3-A and should be qualified as estimated in the laboratory control sample.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used on the target analytes and surrogates in which the %RSD was >20.0%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of Aroclor 1016 peak 5 and Aroclor 1260 peaks 3 and 5 was outside QC limits off column ZB-5 in CCVIS 480-374407/6. The %D of Aroclor 1262 peak 4 was outside QC limits off column ZB-5 in CCV 480-374407/8. ASP requires three conforming peaks, so no further action is required.

The %D of Aroclor 1016 peaks 1-5 and Aroclor 1260 peaks 1, 2, 4, 5, DCBP and TCMX was outside QC limits off column ZB-35 in CCVIS 480-374407/6. The %D of Aroclor 1221 peaks 2 and 3 and Aroclor 1254 peaks 1-5 was outside QC limits off column ZB-35 in CCV 480-374407/7.

The %D of Aroclor 1232 peaks 2-5 and Aroclor 1262 peaks 1-5 were outside QC limits off column ZB-35 in CCV 480-374407/8. The %D of Aroclor 1242 peaks 1-5 and Aroclor 1268 peaks 1-5 were outside QC limits off column ZB-35 in CCV 480-374407/9. The %D of Aroclor 1248 peaks 2, 3 and 5 off column ZB-5 and Aroclor 1248 peaks 2-5 was outside QC limits off column

ZB-35 in CCV 480-374407/10. These target analytes should be qualified as estimated in the associated samples off the associated column.

METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Blanks
- Laboratory Control Sample
- MS/MSD
- Field Duplicate
- Serial Dilution
- Compound Quantitation
- Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Blanks and Calibration.

The samples arrived at the laboratory unpreserved but were preserved by the laboratory within QC limits, so no further action is required.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

BLANKS

All criteria were met except Mn and K were detected in MB 480-374152/1-A above the MDL,

Nash Rd., Wheatfield

SDG# 480-123256-1

below the reporting limit and is qualified as estimated. Mn and Zn were detected above the MDL, below the reporting limit and are qualified as estimated in MB 480-374194/1-C. K was detected above the MDL, below the reporting limit and is qualified as estimated in CCB 480-374381/25. Associated samples in which these target analytes were detected above the MDL and below the reporting limit should be reported with the reporting limit and 'undetected'. Associated samples in which these target analytes were detected above the reporting limit should be qualified as estimated high.

LABORATORY CONTROL SAMPLE

All criteria were met.

MS/MSD

All criteria were met.

FIELD DUPLICATE

No field duplicate was acquired.

SERIAL DILUTION

All criteria were met.

COMPOUND QUANTITATION

All criteria were met.

CALIBRATION

All criteria were met except the %Rec of Cr and Ag was outside ASP QC limits, high, in ICVL 480-374381/7. The %Rec of Zn was outside ASP QC limits, high, in CCVL 480-374381/20. The %Rec of Zn and K was outside ASP QC limits, high, in CCVL 480-374381/26. The %Rec of Cr and K was outside ASP QC limits, high, in CCVL 480-374381/38. The %Rec of As, V and K was outside ASP QC limits, high, in CCVL 480-374381/50. The %Rec of Cr was outside ASP QC limits, high, in ICVL 480-374496/7. The %Rec of Cu and V was outside ASP QC limits, high, in CCVL 480-374496/34. Associated samples, blanks and spikes in which these target analytes were detected above the MDL should be qualified as estimated high.

The %Rec of Fe and Pb was outside ASP QC limits, low, in ICVL 480-374381/7. The %Rec of Fe was outside ASP QC limits, low, in CCVL 480-374381/20. The %Rec of Pb was outside ASP QC limits, low, in CCVL 480-374381/26. The %Rec of Al, Pb and Fe was outside ASP QC limits, low, in CCVL 480-374381/38. The %Rec of Al, Fe and Ag was outside ASP QC limits, low, in ICVL 480-374496/7. The %Rec of Al, Fe and K was outside ASP QC limits, low, in CCVL 480-374496/19. The %Rec of Al, Fe and As was outside ASP QC limits, low, in CCVL 480-374496/23. The %Rec of Al, As, Co, Fe, Ni and K was outside ASP QC limits, low, in CCVL 480-374496/34. These target analytes should be qualified as estimate in the associated samples, blanks and spikes.

GENERAL CHEMISTRY

The following items/criteria were reviewed for this analytical suite:

- Alkalinity
- Chloride/Sulfate

The items listed above were technically in compliance with the method and SOP criteria with any exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use.

ALKALINITY

All criteria were met.

CHLORIDE/SULFATE

All criteria were met.

All of the samples were diluted.

LSW-1, LSW-2 & LSW-4

Data Usability Summary Report

Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

Nash Rd., Wheatfield
TestAmerica Laboratories, Inc. SDG#480-115248-1
May 11, 2017
Sampling date: 3/28/2017

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

Nash Rd., Wheatfield
SDG# 480-115248-1

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for LiRo Engineers., project located at Nash Rd., Wheatfield, Project #932054, TestAmerica Laboratories, Inc., SDG#480-115248-1, submitted to Vali-Data of WNY, LLC on May 5, 2017. This DUSR has been prepared in general compliance with NYSDEC Analytical Services Protocols and USEPA National Functional Guidelines. The laboratory performed the analyses using USEPA method Semi-Volatile Organics (8270D), Pesticides (8081B), PCB (8082A), Inorganics (6010C, 6020A), Mercury (7471B) and in accordance with wet chemistry methods.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Method Blank and Laboratory Control Samples.

Samples; LSW-20-04, LSW-20-04MS/MSD, LSS-001 0-2", LSS-002 0-2", LSS-002 2-12", LSS-012 0-2", LSS-012 2-6", LSS-011 0-2", LSS-011 2-6", LSS-011 6-12", LSS-010 0-2", LSS-010 2-6" and LSS-010 6-12" were diluted due to color, appearance and/or viscosity.

Sample; LSED-04 2-12" was diluted due to sample matrix.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the sample were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of some of the surrogates was outside QC limits due to dilution; no further action is required.

METHOD BLANK

All the criteria were met except Diethyl phthalate was detected above the MDL, below the reporting limit and is qualified as estimated in MB 480-349416/1-A. This target analyte was not detected in the associated samples, so no further action is required.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met except the %Rec of 3,3-Dichlorobenzidine was outside QC limits, high, in LCS 480-349416/2-A and is qualified with an 'E'. This target analyte was within limits in the matrix spike and matrix spike duplicate, so no further action is required

MS/MSD

All criteria were met.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on all target analytes whose %RSD >20.0%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of several target analytes was outside laboratory QC limits but was within ASP limits, so no further action is required.

GC/MS PERFORMANCE CHECK

All criteria were met.

PESTICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Method Blank, MS/MSD, Compound Quantitation and Continuing Calibration.

Samples; LSS-011 0-2", LSS-011 2-6", LSS-011 6-12" and LSS-010 0-2" were diluted due to sample matrix.

Samples; LSS-002 0-2", LSS-002 2-12", LSS-012 0-2", LSS-012 2-6" and LSS-012 6-12" may contain enhanced positive peaks due to the presence of biphenyl peaks.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the samples were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of DCBP was outside QC limits in sample LSED-04 2-12" due to dilution and interfering peaks. No further action is required.

The %Rec of the surrogates in sample LSS-011 6-12" were outside QC limits due to dilution, so no further action is required.

The %Rec of several surrogates were outside laboratory QC limits, but within ASP limits, so no further action is required.

METHOD BLANK

All the criteria were met except 4,4'-DDT was detected above the MDL, below the reporting limit and is qualified as estimated in MB 180-207882/1-B. This target analyte should be qualified as undetected at the reporting limit, if it is detected in the associated samples below the reporting limit.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

All criteria were met except the %Rec of Methoxychlor was outside QC limits, high in LSW-04MS/MSD and should be qualified as estimated high in LSW-04 and LSW-04MS/MSD. The %Rec of Endrin and Endrin Aldehyde was outside QC limits, high in LSW-04MSD and should be qualified as estimated high in LSW-04MSD.

COMPOUND QUANTITATION

All criteria were met except the RPD of beta-BHC, oxy-Chlordane, Dieldrin, 4,4'-DDD and 4,4'-DDT was outside QC limits between the two columns in sample LSED-002-0-2". The RPD of beta-BHC, oxy-Chlordane, 4,4'-DDD, alpha-Chlordane, Mirex and 4,4'-DDT was outside QC limits between the two columns in sample LSED-002 2-12". The RPD of beta-BHC, oxy-Chlordane, Dieldrin, 4,4'-DDD, Mirex and 4,4'-DDT was outside QC limits between the two columns in sample LSED-001 0-2". The RPD of beta-BHC, oxy-Chlordane, alpha-Chlordane, Endosulfan I, 2,4'-DDT, 4,4'-DDD, Endosulfan II and 4,4'-DDT was outside QC limits between the two columns in sample LSED-005 0-2". The RPD of beta-BHC, oxy-Chlordane, 2,4'-DDT, Mirex, Endosulfan sulfate and 4,4'-DDT was outside QC limits between the two columns in sample LSED-005 2-12". The RPD of trans-Nonachlor, 4,4'-DDD and 4,4'-DDT was outside QC limits between the two columns in sample LSED-005 2-12"DL. The RPD of oxy-Chlordane, Heptachlor epoxide, 4,4'-

Nash Rd., Wheatfield

SDG# 480-115248-1

DDD, Endosulfan II and 4,4'-DDT was outside QC limits between the two columns in sample LSED-004 0-2". The RPD of alpha-Chlordane, 4,4'-DDD and 4,4'-DDT was outside QC limits between the two columns in sample LSED-004 2-12". The RPD of Toxaphene was outside QC limits between the two columns in sample LSW-002. The RPD of 4,4'-DDE and 4,4'-DDT was outside QC limits between the two columns in samples LSS-001 0-2" and LSS-011 0-2". The RPD of 4,4'-DDE and Dieldrin was outside QC limits between the two columns in sample LSS-002 2-12". The RPD of 4,4'-DDE was outside QC limits between the two columns in samples LSS-002 0-2", LSS-012 0-2", LSS-011 6-12" and LSS-010 2-6". The RPD of 4,4'-DDT was outside QC limits between the two columns in sample LSS-012 2-6". The RPD of 4,4'-DDD and 4,4'-DDT was outside QC limits between the two columns in sample LSS-012 6-12". The RPD of alpha-BHC was outside QC limits between the two columns in sample LSW-04. The RPD of gamma-BHC, alpha-BHC, gamma-Chlordane, alpha-Chlordane, 4,4'-DDE and Methoxychlor was outside QC limits between the two columns in LSW-04MS/MSD. The RPD of gamma-Chlordane was outside QC limits between the two columns in LCS 480-349417/2-A. The RPD of alpha-BHC, Endrin aldehyde and Endosulfan sulfate was outside QC limits between the two columns in LCS 480-349432/2-A. The RPD of delta-BHC was outside QC limits between the two columns in LSW-04MSD. These target analytes should be qualified as estimated in the associated samples.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used on all target analytes and surrogates in the initial calibrations performed on instruments HP6890-25 and HP6890-5 with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of DCBP off column MR-1 and MR-2 was outside QC limits in CCV 180-208894/29. This surrogate should be qualified as estimated in the associated samples, blanks and spikes.

The %D of Mirex off column MR-1 was outside QC limits in CCV 180-209014/4. The %D of Endrin aldehyde, Endosulfan sulfate and Endrin Ketone was outside QC limits in CCVIS 480-349667/5 off column RTX-CLPI. These target analytes should be qualified as estimated in associated samples, blanks and spikes off the associated column.

PCB

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision

Nash Rd., Wheatfield

SDG# 480-115248-1

- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Surrogate Spike Recoveries, Laboratory Control Samples, Compound Quantitation and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the samples were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of DCBP off column ZB-5 was outside ASP QC limits, high, in LCS 480-349562/2-A. The %Rec of DCBP off both columns was outside QC limits, high, in LSED-04 2-12". These surrogates and detects in these samples, off the associated column, should be qualified as estimated high.

The %Rec of TCMX off column RTX-CLPI was outside ASP QC limits, low in LSED-002-0-2" and should be qualified as estimated.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met except the %Rec of Aroclor 1016 was outside ASP QC limits, high in LCS 480-349562/2-A and should be qualified as estimated.

MS/MSD

All criteria were met.

COMPOUND QUANTITATION

All criteria were met except the RPD between the columns was outside QC limits for Aroclor 1254 in samples LSS-012 0-2", LSS-012 2-6", LSS-011 0-2", LSS-011 6-12", LSED-005 0-2" and LSED-005 2-12". The RPD between the columns was outside QC limits for Aroclor 1260 in samples LSS-011 2-6" and LSED-002 2-12". These target analytes should be qualified as estimated in the associated samples.

INITIAL CALIBRATION

All criteria were met except a single point calibration was used on Aroclor 1254 and Aroclor 1268 off instrument CHGC16. ASP requires a three point calibration for all detected target analytes. These target analytes should be qualified as estimated if detected in associated samples.

Alternate forms of regression were used on the initial calibration performed on instrument HP6890-7 with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of Aroclor 1248 peaks 2 and 3 was outside QC limits off column ZB-35 in CCV 480-349510/8. ASP requires three conforming peaks, so no further action is required.

The %D of Aroclor 1221 peak 3 was outside QC limits off column ZB-35 in CCV 480-349510/5.

The %D of Aroclor 1221 peaks 1 and 2 were outside QC limits off column ZB-35 in CCB 480-349735/5. These target analytes should be qualified as estimated in the associated samples off the associated column.

METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Blanks
- Laboratory Control Sample
- MS/MSD
- Field Duplicate
- Serial Dilution
- Compound Quantitation
- Calibration

Nash Rd., Wheatfield

SDG# 480-115248-1

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Blanks, Laboratory Control Samples, MS/MSD, Serial Dilution and Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

BLANKS

All criteria were met except Zn was detected in MB 480-349435/1-A above the MDL, below the reporting limit and is qualified as estimated. Ca and Mg were detected in MB 480-349516/1-A above the MDL, below the reporting limit and are qualified as estimated. Mn was detected in CCB 480-349637/38 and CCB 480-349932/30 above the MDL, below the reporting limit and is qualified as estimated. K was detected in CCB1 180-209095/11 above the MDL, below the reporting limit and is qualified as estimated. Tl was detected in CCB3 180-209095/35 above the MDL, below the reporting limit and is qualified as estimated. Associated samples in which these target analytes were detected above the MDL and below the reporting limit should be reported with the reporting limit and 'undetected'. Associated samples in which these target analytes were detected above the reporting limit should be qualified as estimated high. Fe and Mn were detected above the reporting limit in MB 480-349516/1-A. Associated samples in which these target analytes were detected above the MDL and below the reporting limit should be reported with the reporting limit and 'undetected'. Associated samples in which these target analytes were detected above the reporting limit and below the blank result should be reported with the blank result and 'undetected'. Associated samples in which these target analytes were detected above the blank result should be qualified as estimated high.

LABORATORY CONTROL SAMPLE

All criteria were met except the %Rec of Sb was outside ASP QC limits, low in LCSSRM 480-349516/2-A. This target analyte should be qualified as estimated in LCSSRM 480-349516/2-A and the associated samples.

MS/MSD

All criteria were met except the %Rec of Ba and K were outside QC limits, high in LSS-002 0-2"MS/MSD. The %Rec of As was outside QC limits, high in LSED-002 2-12"MS/MSD. These target analytes were within limits in the post digest spike. These target analytes should be qualified as estimated high in the associated samples, if detected.

The %Rec of Sb was outside QC limits, low in LSS-002 0-2"MS/MSD. The %Rec of Sb and Ca was outside QC limits, low in LSED-002 2-12"MS/MSD. These target analytes were within limits in the post digest spike. These target analytes should be qualified as estimated in the associated samples.

FIELD DUPLICATE

No field duplicate was acquired.

SERIAL DILUTION

All criteria were met except the %D of Ca, Fe and Mg in LSS-002 0-2"SD and Cu, Fe and K in LSED-002 2-12"SD were outside QC limits. These target analytes should be qualified as estimated in the associated samples.

COMPOUND QUANTITATION

All criteria were met.

CALIBRATION

All criteria were met except the %Rec of Sb, As, Mn and Se was outside ASP QC limits, high, in ICVL 480-349637/7. The %Rec of Ag and Na was outside ASP QC limits, high in CCVL 480-349637/27. The %Rec of As, Cu, Mn, Se and Na was outside ASP QC limits, high in CCVL 480-349637/39. The %Rec of As, Cd, Cr, Mn, Se and Na was outside ASP QC limits, high in CCVL 480-349637/51. The %Rec of Sb, Zn and Se was outside ASP QC limits, high, in ICVL 480-349932/7. The %Rec of As, Mn and Zn was outside ASP QC limits, high in CCVL 480-349932/31. The %Rec of Sb, Mn and Zn was outside ASP QC limits, high in CCVL 480-349932/42. The %Rec of Mn and Zn was outside ASP QC limits, high in CCVL 480-349932/54. The %Rec of Zn was outside ASP QC limits, high in CCVL 480-349932/63. The %Rec of Hg was outside ASP QC limits, high, in ICVL 480-349539/3. The %Rec of Hg was outside ASP QC limits, high in CCVL 480-349539/62, 75. The %Rec of Co, Se, Na, Tl and Zn was outside ASP QC limits, high, in ICVL 180-209095/7. The %Rec of Al, Be, Co, Cu, Pb, Fe, Ni and Tl was outside ASP QC limits, high in CCVL 180-209095/74. Associated samples, blanks and spikes in which these target analytes were detected above the MDL should be qualified as estimated high.

All criteria were met except the %Rec of Be was outside ASP QC limits, low, in CCVL 480-349637/19. The %Rec of Al, Cr and Pb was outside ASP QC limits, low in CCVL 480-349637/27. The %Rec of K was outside ASP QC limits, low in CCVL 480-349637/39. The %Rec of Ag and Pb was outside ASP QC limits, low in CCVL 480-349637/51. The %Rec of V was outside ASP QC limits, low, in ICVL 480-349932/7. The %Rec of Al was outside ASP QC limits, low in CCVL 480-349932/31. The %Rec of Cu and V was outside ASP QC limits, low in CCVL 480-349932/42. The %Rec of Cu, Ag and V was outside ASP QC limits, low in CCVL 480-349932/54. The %Rec of Cu and Se was outside ASP QC limits, low in CCVL 480-349932/63. The %Rec of V was outside ASP

QC limits, low in CCVL 180-209095/74. These target analytes should be qualified as estimate in the associated samples, blanks and spikes.

GENERAL CHEMISTRY

The following items/criteria were reviewed for this analytical suite:

- %Solids

The items listed above were technically in compliance with the method and SOP criteria with any exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below.

%SOLIDS

All criteria were met.

LSW-3

Data Usability Summary Report

Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

Nash Rd., Wheatfield
TestAmerica Laboratories, Inc. SDG#480-115331-1
May 17, 2017
Reissued: July 21, 2017
Sampling date: 3/29/2017

Prepared by:
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Nash Rd., Wheatfield
SDG# 480-115331-1

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for LiRo Engineers. (reissued; July 21, 2017), project located at Nash Rd., Wheatfield, Project #932054, TestAmerica Laboratories, Inc., SDG#480-115331-1, submitted to Vali-Data of WNY, LLC on May 5, 2017. This DUSR has been prepared in general compliance with NYSDEC Analytical Services Protocols and USEPA National Functional Guidelines. The laboratory performed the analyses using USEPA method Semi-Volatile Organics (8270D), Pesticides (8081B), PCB (8082A), Inorganics (6010C, 6020A), Mercury (7470A, 7471B) and in accordance with wet chemistry methods.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Method Blank, Laboratory Control Samples and MS/MSD.

Samples; LSS-007 0-2", LSS-007 0-2"MS/MSD, LSS-007 2-12", LSS-018 0-2", LSS-004 0-2", LSS-005 0-2", LSS-006 0-2" and LSS-009 0-2" were diluted due to color, appearance and/or viscosity.

Samples; LSS-007 0-2"MS/MSD, LSED-003 0-2", LSED-003 0-2"DU, LSED-003 0-2"MS/MSD were diluted due to sample matrix.

Nash Rd., Wheatfield

SDG# 480-115331-1

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the sample were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of some of the surrogates was outside QC limits due to dilution; no further action is required.

METHOD BLANK

All the criteria were met except Diethyl phthalate and Di-n-butyl phthalate were detected above the MDL, below the reporting limit and are qualified as estimated in MB 480-349909/1-A. These target analytes should be qualified as undetected at the reporting limit if they are detected in the associated samples below the reporting limit. If they are detected above the reporting limit in the associated samples, they should be qualified as estimated.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met except the %Rec of 3,3-Dichlorobenzidine was outside QC limits, high, in LCS 480-349909/2-A and is qualified with an 'E'. This target analyte was within limits in the associated matrix spike and matrix spike duplicate, so no further action is required

MS/MSD

All criteria were met except the %Rec of 2,4-Dinitrotoluene was outside QC limits, high in LSS-007 0-2"MS/MSD and should be qualified as estimated in LSS-007 0-2"MS/MSD and LSS-007 0-2", if detected.

The %Rec of 2,4-Dinitrophenol was 0% in LSS-007 0-2"MS/MSD and should be qualified as estimated in LSS-007 0-2", if detected, and unusable, if not detected.

The %Rec of 3,3'-Dichlorobenzidine and Hexachlorocyclopentadiene was outside QC limits, low in LSED-003 0-2"MS/MSD and should be qualified as estimated in LSED-003 0-2"MS/MSD and LSED-007 0-2".

The %Rec of 2,4-Dinitrophenol was outside QC limits, low in LSED-007 0-2"MS but within limits in LSED-007 0-2"MSD, so no further action is required.

COMPOUND QUANTITATION

All criteria were met except Acenaphthene and Acenaphthylene were detected above the MDL, below the reporting limit in LSED-003 0-2" but were not detected in LSED-003 0-2"DU.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on all target analytes whose %RSD >20.0%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of several target analytes was outside laboratory QC limits but was within ASP limits, so no further action is required.

GC/MS PERFORMANCE CHECK

All criteria were met.

PESTICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Method Blank, Laboratory Control Samples, MS/MSD, Compound Quantitation and Continuing Calibration.

Nash Rd., Wheatfield

SDG# 480-115331-1

Sample; LSS-007 0-2" was diluted due to sample matrix.

Samples; LSS-004 0-2", LSS-005 0-2" and LSS-006 0-2" were diluted due to high target analyte concentration.

Samples; LSS-003 0-2", LSS-004 0-2", LSS-005 0-2", LSS-006 0-2", LSS-007 2-12" and LSS-017 2-12" may contain enhanced positive peaks due to the presence of biphenyl peaks.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the samples were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of some of the surrogates was outside QC limits in sample LSS-004 0-2" and LSS-005 0-2" due to dilution and interfering peaks. No further action is required.

The %Rec of several surrogates were outside laboratory QC limits, but within ASP limits, so no further action is required.

METHOD BLANK

All the criteria were met except 4,4'-DDT was detected above the MDL, below the reporting limit and is qualified as estimated in MB 180-207882/1-B. This target analyte should be qualified as undetected at the reporting limit, if it is detected in the associated samples below the reporting limit.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met except the %Rec of Endosulfan sulfate was outside QC limits, high in LCS 480-349618/2-A and LCSD 480-349618/3-A. This target analyte should be qualified as estimated high if detected in the associated samples.

The %Rec of Endrin and 4,4'-DDT was outside QC limits, high in LCSD 480-349618/3-A but within limits in LCS 480-349618/2-A, so no further action is required.

MS/MSD

All criteria were met except the RPD of 4,4'-DDE, Endosulfan I and gamma-Chlordane between LSS-007 0-2"MS and LSS-007 0-2"MSD was outside QC limits. These target analytes should be qualified as estimated in LSS-007 0-2"MS/MSD and LSS-007 0-2".

4,4'-DDT and gamma-BHC were outside laboratory QC limits, but within ASP limits, so no further action is required.

COMPOUND QUANTITATION

All criteria were met except the RPD of Heptachlor epoxide, Dieldrin, 2,4'-DDT, 4,4'-DDD and 4,4'-DDT was outside QC limits between the two columns in sample LSED-003 0-2". The RPD of oxy-Chlordane was outside QC limits between the two columns in sample LSED-003 0-2"MS/MSD. The RPD of Mirex was outside QC limits between the two columns in sample LSED-003 0-2"MSD. The RPD of Heptachlor epoxide, gamma-Chlordane, alpha-Chlordane, Dieldrin, 4,4'-DDD and 4,4'-DDT was outside QC limits between the two columns in sample LSED-003 0-2"DU. The RPD of beta-BHC, oxy-Chlordane and Mirex was outside QC limits between the two columns in sample LSED-006 0-2". The RPD of alpha-BHC was outside QC limits between the two columns in sample LSW-003. The RPD of 4,4'-DDT was outside QC limits between the two columns in sample LSS-004 0-2". The RPD of Endosulfan II was outside QC limits between the two columns in sample LSS-005 0-2". The RPD of Heptachlor epoxide, gamma-Chlordane, Endosulfan I, Endosulfan II, Methoxychlor and Endrin ketone was outside QC limits between the two columns in sample LSS-007 0-2"MS. The RPD of Heptachlor epoxide, gamma-Chlordane, Endosulfan II and Methoxychlor was outside QC limits between the two columns in sample LSS-007 0-2"MSD. The RPD of 4,4'-DDE and delta-BHC was outside QC limits between the two columns in samples LSS-007 2-12", LSS-009 2-12", LSS-017 2-12" and LSS-018 0-2". The RPD of alpha-BHC, alpha-Chlordane and Methoxychlor was outside QC limits between the two columns in LCS 480-349618/2-A and LCSD 480-349618/3-A. The RPD of gamma-Chlordane, Heptachlor epoxide, Endrin aldehyde and Endosulfan I was outside QC limits between the two columns in LCS 480-349858/2-A. These target analytes should be qualified as estimated in the associated samples.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used on all target analytes and surrogates in the initial calibrations performed on instruments HP6890-25 and HP6890-5 with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of DCBP off column MR-1 and MR-2 was outside QC limits in CCV 180-208894/29. This surrogate should be qualified as estimated in the associated samples, blanks and spikes.

PCB

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Surrogate Spike Recoveries, Laboratory Control Samples, MS/MSD, Compound Quantitation and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the samples were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of DCBP off column ZB-5 was outside ASP QC limits, high, in LCS 480-349693/2-A and should be qualified as estimated high.

The %Rec of several surrogates were outside laboratory QC limits, but within ASP limits, so no further action is required.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met except the %Rec of Aroclor 1016 was outside ASP QC limits, high in LCS 480-349693/2-A and LCSD 480-349619/3-A and should be qualified as estimated.

MS/MSD

All criteria were met except the RPD between LSS-007 0-2"MS and LSS-007 0-2"MSD and LSED-003 0-2"MS and LSED-003 0-2"MSD was outside QC limits for Aroclor 1016 and Aroclor 1260. These target analytes should be qualified as estimated in the associated samples.

COMPOUND QUANTITATION

All criteria were met except the RPD between the columns was outside QC limits for Aroclor 1254 in samples LSS-005 0-2" and LSS-006 0-2". The RPD between the columns was outside QC limits for Aroclor 1260 in samples LSS-004 0-2", LSS-005 0-2", LSS-006 0-2" and LSS-007 2-12". The RPD between the columns was outside QC limits for Aroclor 1016 in sample LSS-007 0-2"MS. These target analytes should be qualified as estimated in the associated samples.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used on some of the target analytes and surrogates in the initial calibration performed on instrument HP6890-6 with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of Aroclor 1016 peaks 1-3 and 5 was outside QC limits off column ZB-5 in CCVIS 480-349730/4. The %D of Aroclor 1260 peaks 1-5 and DCBP was outside QC limits off column ZB-35 in CCVIS 480-349730/4. The %D of Aroclor 1254 peaks 1, 3 and 4 was outside QC limits off column ZB-5 in CCV 480-349730/5. The %D of Aroclor 1254 peaks 1-5 was outside QC limits off column ZB-35 in CCV 480-349730/5. The %D of Aroclor 1262 peaks 1-3 and 5 was outside QC limits off column ZB-5 in CCV 480-349730/6. The %D of Aroclor 1268 peaks 1, 2 and 4 was outside QC limits off column ZB-5 in CCV 480-349730/7. The %D of Aroclor 1248 peaks 1-5 was outside QC limits off column ZB-5 in CCV 480-349730/8. The %D of Aroclor 1260 peaks 1, 2 and 4 and TCMX was outside QC limits off column ZB-5 in CCV 480-349730/30. The %D of Aroclor 1016 peaks 1, 3 and 5 was outside QC limits off column ZB-5 in CCV 480-349733/26. The %D of Aroclor 1221 peaks 1 and 3 was outside QC limits off column ZB-5 in CCV 480-349733/27. The %D of Aroclor 1262 peaks 1-5 was outside QC limits off column ZB-35 in CCV 480-349733/28. The %D of Aroclor 1242 peaks 2, 4 and 5 and Aroclor 1268 peaks 1-5 was outside QC limits off column ZB-5 in CCV 480-349733/29. The %D of Aroclor 1268 peaks 2-4 was outside QC limits off column ZB-35 in CCV 480-349733/29. The %D of Aroclor 1221 peaks 1 and 3 was outside QC limits off column RTX-CLP1 in CCV 180-207953/1.

The %D of Aroclor 1221 peaks 1-3 was outside QC limits off column RTX-CLP2 in CCV 180-207953/1. The %D of TCMX was outside QC limits off both columns in CCV 480-349733/26. The %D of Aroclor 1254 peaks 1-5 was outside QC limits off both columns in CCV 180-207953/1. These target analytes should be qualified as estimated in the associated samples off the associated column.

All criteria were met except the %D of Aroclor 1260 peak 1 was outside QC limits off column ZB-5 in CCV 480-349730/4. The %D of Aroclor 1016 peak 3 was outside QC limits off column ZB-35 in CCV 480-349730/4. The %D of Aroclor 1232 peak 4 was outside QC limits off column ZB-5 in CCV 480-349730/6. The %D of Aroclor 1232 peak 5 and Aroclor 1262 peak 5 was outside QC limits off column ZB-35 in CCV 480-349730/6. The %D of Aroclor 1242 peak 4 was outside QC limits off column ZB-5 in CCV 480-349730/7. The %D of Aroclor 1248 peak 3 was outside QC limits off column ZB-35 in CCV 480-349730/8. The %D of Aroclor 1016 peaks 1 and 3 was outside QC limits off column ZB-5 in CCV 480-349730/30. The %D of Aroclor 1016 peak 1 was outside QC limits off column ZB-35 in CCV 480-349733/4. The %D of Aroclor 1242 peak 5 was outside QC limits off column ZB-35 in CCV 480-349733/7. The %D of Aroclor 1248 peak 1 was outside QC limits off column ZB-5 in CCV 480-349733/8. The %D of Aroclor 1248 peak 5 was outside QC limits off column ZB-35 in CCV 480-349733/8. The %D of Aroclor 1016 peaks 3 and 4 was outside QC limits off column ZB-35 in CCV 480-349733/26. The %D of Aroclor 1232 peaks 3 and 5 was outside QC limits off column ZB-35 in CCV 480-349733/28. The %D of Aroclor 1242 peak 4 was outside QC limits off column ZB-35 in CCV 480-349733/29. The %D of Aroclor 1248 peak 3 was outside QC limits off column ZB-35 in CCV 480-349733/30. ASP requires three conforming peaks, so no further action is required.

METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Blanks
- Laboratory Control Sample
- MS/MSD
- Field Duplicate
- Serial Dilution
- Compound Quantitation
- Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Blanks, Laboratory Control Sample, MS/MSD, Serial Dilution and Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

BLANKS

All criteria were met except Ba was detected in MB 180-209044/1-A above the MDL, below the reporting limit and is qualified as estimated. K was detected in CCB1 180-209311/11 above the MDL, below the reporting limit and is qualified as estimated. Associated samples in which these target analytes were detected above the MDL and below the reporting limit should be reported with the reporting limit and 'undetected'. Associated samples in which these target analytes were detected above the reporting limit should be qualified as estimated high.

LABORATORY CONTROL SAMPLE

All criteria were met except the %Rec of Sb was outside ASP QC limits, low in LCSSRM 480-349750/2-A. This target analyte should be qualified as estimated in LCSSRM 480-349750/2-A and the associated samples.

MS/MSD

All criteria were met except the %Rec of Al, Ba and K was outside QC limits, high in LSS-007 0-2"MS/MSD. These target analytes were within limits in the post digest spike. These target analytes should be qualified as estimated high in the associated samples.

The %Rec of Sb was outside QC limits, low in LSED-003 0-2"MS/MSD. This target analyte was within limits in the post digest spike. This target analyte should be qualified as estimated in the associated samples.

The RPD of Sb between LSS-007 0-2"MS and LSS-007 0-2"MSD was outside QC limits. This target analyte should be qualified as estimated in the associated samples.

The %Rec of Hg was outside QC limits in LSS-007 0-2"MS but within limits in LSS-007 0-2"MSD, so no further action is required.

The %Rec of Se was outside QC limits in LSED-003 0-2"MSD but within limits in LSED-003 0-2"MS, so no further action is required.

FIELD DUPLICATE

No field duplicate was acquired.

SERIAL DILUTION

All criteria were met except the %D of Zn in LSS-007 0-2"SD was outside QC limits. This target analyte should be qualified as estimated in the associated samples.

COMPOUND QUANTITATION

All criteria were met.

CALIBRATION

All criteria were met except the %Rec of Sb, Zn and Se was outside ASP QC limits, high, in ICVL 480-349930/7 and CCVL 480-349930/43. The %Rec of As and Zn was outside ASP QC limits, high in CCVL 480-349930/19. The %Rec of Pb, Mn and Zn was outside ASP QC limits, high in CCVL 480-349930/31. The %Rec of Zn was outside ASP QC limits, high in CCVL 480-349930/49. The %Rec of Cr and Fe was outside ASP QC limits, high, in ICVL 480-350184/7. The %Rec of Cr was outside ASP QC limits, high in CCVL 480-350184/17. The %Rec of Sb, Cd, Cr and Mn was outside ASP QC limits, high in CCVL 480-350184/21. The %Rec of Cr, Fe and Zn was outside ASP QC limits, high in ICVL 480-350194/7. The %Rec of Al, Cr, Fe, Mn and Zn was outside ASP QC limits, high in CCVL 480-350194/19. The %Rec of Al, Cd and Zn was outside ASP QC limits, high in CCVL 480-350194/27. The %Rec of Al, Na and Zn was outside ASP QC limits, high, in ICVL 180-209311/7. The %Rec of Al, As, Cu, Na and Zn was outside ASP QC limits, high in CCVL 180-209311/93. Associated samples, blanks and spikes in which these target analytes were detected above the MDL should be qualified as estimated high.

The %Rec of V was outside ASP QC limits, low, in ICVL 480-349930/7, CCVL 480-349930/19, 31. The %Rec of Al was outside ASP QC limits, low in CCVL 480-349930/43. The %Rec of Fe was outside ASP QC limits, low in CCVL 480-349930/49. The %Rec of Cu and Pb was outside ASP QC limits, low, in CCVL 480-350184/17. The %Rec of Pb was outside ASP QC limits, low in CCVL 480-350184/21. The %Rec of As was outside ASP QC limits, low in ICVL 480-350194/7. The %Rec of Pb was outside ASP QC limits, low in CCVL 480-350194/19. The %Rec of Pb, Ag and Se was outside ASP QC limits, low in CCVL 480-350194/27. The %Rec of Pb and As was outside ASP QC limits, low in CCVL 480-350194/36. The %Rec of As, Co, Fe, Se, Tl and V was outside ASP QC limits, low in ICVL 180-209311/7. The %Rec of Co and Tl was outside ASP QC limits, low in CCVL 180-209311/93. These target analytes should be qualified as estimate in the associated samples, blanks and spikes.

GENERAL CHEMISTRY

The following items/criteria were reviewed for this analytical suite:

- %Solids

Nash Rd., Wheatfield

SDG# 480-115331-1

The items listed above were technically in compliance with the method and SOP criteria with any exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below.

%SOLIDS

All criteria were met.

2019/2020 Sampling Event

LPZ-03S, LPZ-04S & LPZ-05S

Data Usability Summary Report

Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

Nash Rd. #932054
Eurofins SDG#480-161309-1
November 25, 2019
Sampling date: 10/22/2019

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

Nash Rd. #932054
SDG# 480-161309-1

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for The LiRo Group, project located at Nash Rd. #932054, Eurofins #480-161309-1 submitted to Vali-Data of WNY, LLC on November 20, 2019. This DUSR has been prepared in general compliance with NYSDEC Analytical Services Protocols and USEPA National Functional Guidelines. The laboratory performed the analyses using USEPA method Volatile Organics (8260C), Semi-Volatile Organics (8270D), Pesticides (8081B), PCB (8082A), Inorganics (6010C), Mercury (7470A) and in accordance with wet chemistry methods.

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Sample Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Surrogate Spike Recoveries, Laboratory Control Samples and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of 1,4-Dichloroethane-d₄ was outside ASP QC limits, high in all of the samples. Associated target analytes detected in the samples should be qualified as estimated high.

METHOD BLANK

All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met except the %Rec of t-Butyl alcohol was outside QC limits, high in LCS 480-500607/5. This target analyte should be qualified as estimated high in associated samples in which it was detected.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on all target analytes whose %RSD >20.0%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of t-Butyl alcohol was outside ASP QC outer limits in CCVIS 480-500607/3. This target analyte should be qualified as estimated in associated samples, blanks and spikes.

GC/MS PERFORMANCE CHECK

All criteria were met.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Laboratory Control Samples.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the sample were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All the criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met except the %Rec of Carbazole was outside QC limits high in LCS/SD 480-499777/2-A,3-A. This target analyte should be qualified as estimated high in the associated samples in which it was detected.

The %Rec of Atrazine was outside QC limits in LCS 480-499777/2-A but was within limits in LCSD 480-499777/3-A, so no further action is required.

MS/MSD

No MS/MSD were acquired.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on all target analytes whose %RSD >20.0%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of Pentachlorophenol was outside QC limits in CCVIS 480-499997/3. ASP allows for up to four target analytes to be outside QC limits without further action.

GC/MS PERFORMANCE CHECK

All criteria were met.

PESTICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision

- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Surrogate Spike Recoveries, Method Blank, Laboratory Control Samples, Compound Quantitation and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the samples were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of TCMX was outside QC limits high in MB 480-500612/1-A and LCS 480-500612/2-A off column RTX-CLPI. This surrogate should be qualified as estimated in MB 480-500612/1-A and LCS 480-500612/2-A off column RTX-CLPI.

METHOD BLANK

All the criteria were met except delta-BHC and Endrin Ketone were detected above the MDL, below the reporting limit and is qualified as estimated in MB 480-500612/1-A. These target analytes should be qualified as undetected at the reporting limit in associated samples in which they were detected below the reporting limit. These target analytes should be qualified as estimated high in associated samples in which they were detected above the reporting limit.

Alpha-BHC, Endrin aldehyde and Heptachlor were detected above the reporting limit in ME 480-500612/1-A. These target analytes should be qualified as undetected at the reporting limit in associated samples in which they were detected below the reporting limit. These target analytes should be qualified as undetected in associated samples in which they were detected above the reporting limit but below the blank concentration. These target analytes should be

qualified as estimated high in associated samples in which they were detected above the blank concentration.

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met except beta-BHC was detected in LPZ-03S-DUP but was not detected in LPZ-03S. Trans-Chlordane was detected in LPZ-03S but was not detected in LPZ-03S-DUP.

LABORATORY CONTROL SAMPLES

All criteria were met except the %Rec of 4,4'-DDT, alpha-BHC, Endosulfan II and Endrin aldehyde was outside ASP QC limits, high in LCS 480-500612/2-A. These target analytes should be qualified as estimated high in the associated samples in which they were detected. The RPD of gamma-BHC, cis-Chlordane, Endosulfan I, Dieldrin, 4,4'-DDD, 4,4'-DDT and Endosulfan II was outside QC limits between the columns in LCS 480-500612/2-A and should be qualified as estimated.

MS/MSD

No MS/MSD were performed.

COMPOUND QUANTITATION

All criteria were met except the RPD of 4,4'-DDD in LPZ-03S and trans-Chlordane and 4,4'-DDT in LPZ-05S were outside QC limits and should be qualified as estimated.

INITIAL CALIBRATION

All criteria were met. Alternate forms of regression were used with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of Dieldrin was outside QC limits off column RTX-CLPI in CCVIS 480-500835/6. This target analyte should be qualified as estimated off the associated column in the associated sample, blank and spikes.

PCB

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD

- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Surrogate Spike Recoveries and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the samples were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of DCBP was outside ASP QC limits, low off both columns in LCS 480-499779/2-A and should be qualified as estimated.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All the criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD were performed.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on many target analytes, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of TCMX was outside QC limits off both columns in CCVIS 480-500010/5. The %D of Aroclor 1262 peaks 1-5 were outside QC limits off column ZB-35 in CCV 480-500010/7. This target analyte and surrogate should be qualified as estimated in the associated sample, blank and spikes off the associated columns.

Several target analytes had peaks that were outside QC limits, but ASP requires a minimum of three conforming peaks, so no further action is required.

METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Blanks
- Laboratory Control Sample
- MS/MSD
- Field Duplicate
- Serial Dilution
- Compound Quantitation
- Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Blanks and Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

BLANKS

All criteria were met except Zn was detected in MB 480-499723/1-A above the MDL, below the reporting limit and are qualified as estimated. Associated samples in which this target analyte was detected above the MDL and below the reporting limit should be reported with the reporting limit and 'undetected'. Associated samples in which this target analyte was detected above the reporting limit should be qualified as estimated high.

LABORATORY CONTROL SAMPLE

All criteria were met.

MS/MSD

No MS/MSD were performed.

FIELD DUPLICATE

All criteria were met.

SERIAL DILUTION

No Serial Dilution was performed.

COMPOUND QUANTITATION

All criteria were met.

CALIBRATION

All criteria were met except Ba, Pb and Zn were detected outside QC limits, high, in ICVL 480-500410/7. As was detected outside QC limits, high, in CCVL 480-500410/17, 41. Ba was detected outside QC limits, high, in CCVL 480-500410/29. Associated samples, blanks and spikes in which these target analytes were detected above the MDL should be qualified as estimated high.

The %Rec of As and Cu was outside QC limits, low in ICVL 480-500410/7. The %Rec of Cu, Se and Na was outside QC limits, low in CCVL 480-500410/17. The %Rec of Se was outside QC limits, low in CCVL 480-500410/29. The %Rec of Ag and K was outside QC limits, low in CCVL 480-500410/41. These target analytes should be qualified as estimated in the associated sample, blanks and spikes.

**LDP-01, LPZ-01S, LPZ-06S,
OW-14B & OW-21**

Data Usability Summary Report

Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

Nash Rd. #932054
Eurofins SDG#480-161451-1
Reissued January 9, 2020
December 5, 2019
Sampling date: 10/23/2019

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

Nash Rd. #932054
SDG# 480-161451-1

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package (reissued January 9, 2020) for The LiRo Group, project located at Nash Rd. #932054, Eurofins #480-161451-1 submitted to Vali-Data of WNY, LLC on November 25, 2019. This DUSR has been prepared in general compliance with NYSDEC Analytical Services Protocols and USEPA National Functional Guidelines. The laboratory performed the analyses using USEPA method Volatile Organics (8260C), Semi-Volatile Organics (8270D), Pesticides (8081B), PCB (8082A), Inorganics (6010C), Mercury (7470A) and in accordance with wet chemistry methods.

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Sample Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Laboratory Control Samples.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met except the %Rec of Dichlorodifluoromethane was outside QC limits, high in LCS 480-500989/5. This target analyte should be qualified as estimated high in associated samples in which it was detected.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on all target analytes whose %RSD >20.0%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

GC/MS PERFORMANCE CHECK

All criteria were met.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Laboratory Control Samples.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the sample were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met except the RPD of 4,6-Dinitro-2-methylphenol, 4-Bromophenyl phenyl ether, Butyl benzyl phthalate, Fluoranthene, Hexachlorobenzene, N-Nitrosodiphenylamine and Phenanthrene was outside QC limits between LCS 480-500296/2-A and LCSD 480-500296/3-A. These target analytes should be qualified as estimated in the associated samples.

MS/MSD

No MS/MSD were acquired.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on all target analytes whose %RSD >20.0%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the RRF of Bis(2-chloroethoxy)methane was outside QC limits in CCVIS 480-500721/3. ASP allows for up to four target analytes to be outside QC limits without further action.

GC/MS PERFORMANCE CHECK

All criteria were met.

PESTICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples

- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Surrogate Spike Recoveries, Method Blank, Laboratory Control Samples, Compound Quantitation and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the samples were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of TCMX was outside QC limits high in MB 480-500612/1-A and LCS 480-500612/2-A off column RTX-CLPI. This surrogate should be qualified as estimated in MB 480-500612/1-A and LCS 480-500612/2-A off column RTX-CLPI.

METHOD BLANK

All the criteria were met except delta-BHC and Endrin Ketone were detected above the MDL, below the reporting limit and is qualified as estimated in MB 480-500612/1-A. These target analytes should be qualified as undetected at the reporting limit in associated samples in which they were detected below the reporting limit. These target analytes should be qualified as estimated high in associated samples in which they were detected above the reporting limit.

Alpha-BHC, Endrin aldehyde and Heptachlor were detected above the reporting limit in MB 480-500612/1-A. These target analytes should be qualified as undetected at the reporting limit in associated samples in which they were detected below the reporting limit. These target analytes should be qualified as undetected in associated samples in which they were detected above the reporting limit but below the blank concentration. These target analytes should be qualified as estimated high in associated samples in which they were detected above the blank concentration.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met except the %Rec of 4,4'-DDT, alpha-BHC, Endosulfan II and Endrin aldehyde was outside ASP QC limits, high in LCS 480-500612/2-A. These target analytes should be qualified as estimated high in the associated samples in which they were detected. The RPD of gamma-BHC, cis-Chlordane, Endosulfan I, Dieldrin, 4,4'-DDD, 4,4'-DDT and Endosulfan II was outside QC limits between the columns in LCS 480-500612/2-A and should be qualified as estimated.

MS/MSD

No MS/MSD were performed.

COMPOUND QUANTITATION

All criteria were met except the RPD of Aldrin, Endrin Aldehyde, Endrin Ketone and 4,4'-DDD in LPZ-06S and 4,4'-DDD in LPZ-01S were outside QC limits and should be qualified as estimated.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of Dieldrin was outside QC limits off column RTX-CLPI in CCVIS 480-500835/6. This target analyte should be qualified as estimated off the associated column in the associated sample, blank and spikes.

PCB

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration

- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Surrogate Spike Recoveries and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the samples were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of DCBP was outside ASP QC limits, low off column ZB-35 in LCS 480-500759/2-A and should be qualified as estimated.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD were performed.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on many target analytes, with acceptable

results.

CONTINUING CALIBRATION

All criteria were met except the %D of TCMX was outside QC limits off column ZB-5 in CCVIS 480-500976/5. The %D of DCBP was outside QC limits off column ZB-35 in CCVIS 480-500976/5. The %D of Aroclor 1221 peaks 1-4 were outside QC limits off column ZB-35 in CCV 480-500976/6. The %D of Aroclors 1221 and 1242 peaks 1, 2, 4, 5 were outside QC limits off column ZB-35 in CCV 480-500976/7, 8, respectively. These target analytes and surrogates should be qualified as estimated in the associated sample, blank and spikes off the associated columns.

Several target analytes had peaks that were outside QC limits, but ASP requires a minimum of three conforming peaks, so no further action is required.

METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Blanks
- Laboratory Control Sample
- MS/MSD
- Field Duplicate
- Serial Dilution
- Compound Quantitation
- Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Blanks.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

BLANKS

All criteria were met except Mn and Zn were detected in MB 480-500040/1-A above the MDL, below the reporting limit and are qualified as estimated. Zn was detected in CCB 480-500629/18 above the MDL, below the reporting limit and are qualified as estimated. Associated samples in which these target analytes were detected above the MDL and below the reporting limit should be reported with the reporting limit and 'undetected'. Associated samples in which these target analytes were detected above the reporting limit should be qualified as estimated high. Fe was detected above the reporting limit in MB 480-500040/1-A. This target analyte should be qualified as undetected at the reporting limit in associated samples in which it was detected below the reporting limit. This target analyte should be qualified as undetected in associated samples in which it was detected above the reporting limit but below the blank concentration. This target analyte should be qualified as estimated high in associated samples in which it was detected above the blank concentration.

LABORATORY CONTROL SAMPLE

All criteria were met.

MS/MSD

No MS/MSD were performed.

FIELD DUPLICATE

No field duplicate was acquired.

SERIAL DILUTION

No Serial Dilution was performed.

COMPOUND QUANTITATION

All criteria were met.

CALIBRATION

All criteria were met.

**LDP-03, LPZ-08S, LPZ-11S, OW-16,
OW-21, OW-35 & OW-36**

Data Usability Summary Report

Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

Nash Rd. #932054
Eurofins SDG#480-161562-1
December 7, 2019
Sampling date: 10/24/2019

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

Nash Rd. #932054
SDG# 480-161562-1

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for The LiRo Group, project located at Nash Rd. #932054, Eurofins #480-161562-1 submitted to Vali-Data of WNY, LLC on December 2, 2019. This DUSR has been prepared in general compliance with NYSDEC Analytical Services Protocols and USEPA National Functional Guidelines. The laboratory performed the analyses using USEPA method Volatile Organics (8260C), Semi-Volatile Organics (8270D), Pesticides (8081B), PCB (8082A), Inorganics (6010C), Mercury (7470A) and in accordance with wet chemistry methods.

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Sample Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use.

Samples; OW-35 and OW-36 were diluted due to high target analyte concentrations.
Samples; OW-16, LPZ-08S and LPZ-08sMS/MSD were diluted due to foaming.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

All criteria were met.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on all target analytes whose %RSD >20.0%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of Bromomethane was outside QC limits in CCVIS 480-502045/4. ASP allows for up to two target analytes to be outside QC limits without further action.

GC/MS PERFORMANCE CHECK

All criteria were met.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Surrogate Spike Recoveries, Laboratory Control Samples and MS/MSD.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the sample were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of 2-Fluorobiphenyl was outside QC limits in OW-35. Associated target analytes detected in this sample should be qualified as estimated high. The %Rec of 2,4,6-Tribromophenol was outside laboratory QC limits in OW-35 but within ASP limits, so no further action is required.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met except 4-Chloro-3-methylphenol was detected in LPZ-11S DUP but was not detected in LPZ-11S.

LABORATORY CONTROL SAMPLES

All criteria were met except the %Rec of Atrazine, Benzo(a)anthracene and Pyrene was outside QC limits, high in LCS 480-500739/2-A. These target analytes should be qualified as estimated high in the associated samples, if detected.

MS/MSD

All criteria were met except the %Rec of 2,4,6-Trichlorophenol was outside QC limits, high in LPZ-08SMS/MSD. The %Rec of 4-Chloro-3-methylphenol, 4-Nitrophenol, 2,4-Dinitrophenol and Pentachlorophenol was outside ASP QC limits, high in LPZ-08SMS/MSD. These target analytes should be qualified as estimated high in LPZ-08S and LPZ-08SMS/MSD, if detected. Due to the matrix spike being double spiked, several target analytes exceeded the calibration curve in LPZ-08SMS and the RPD of all target analytes was outside QC limits between LPZ-08SMS and LPZ-08SMSD. These noncompliance's have been qualified, so no further action is required.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on all target analytes whose %RSD >20.0%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

Several target analytes were outside laboratory QC limits, but within ASP QC limits, so no further action is required.

GC/MS PERFORMANCE CHECK

All criteria were met.

PESTICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Laboratory Control Samples, MS/MSD, Compound Quantitation and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the samples were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All the criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met except the RPD of cis-Chlordane was outside QC limits between the columns in LCS 480-501021/2-A and LCSD 480-501294/3-A. The RPD of cis-Chlordane and trans-Chlordane was outside QC limits between the columns in LCSD 480-501021/3-A and LCS 480-501294/2-A. These target analytes should be qualified as estimated in the corresponding laboratory control samples.

MS/MSD

All criteria were met except the RPD of cis-Chlordane was outside QC limits between the columns in LPZ-08SMS. The RPD of cis-Chlordane and trans-Chlordane was outside QC limits between the columns in LPZ-08SMSD. These target analytes should be qualified as estimated in the corresponding matrix spike/matrix spike duplicate.

COMPOUND QUANTITATION

All criteria were met except the RPD of 4,4'-DDT was outside QC limits between the columns in OW-21 and should be qualified as estimated.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of Endrin Aldehyde, Methoxychlor, Endrin Ketone and DCBP was outside QC limits off column RTX-CLPII in CCVIS 480-501096/30. These target analytes and surrogate should be qualified as estimated off the associated column in the associated sample, blanks and spikes.

PCB

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD

- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Surrogate Spike Recoveries and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the samples were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of DCBP was outside ASP QC limits, low off column ZB-5 in OW-16 and should be qualified as estimated.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All the criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

All the criteria were met.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on many target analytes, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of Aroclor 1262 peaks 1-5 were outside QC limits off column ZB-35 in CCV 480-501969/7. The %D of Aroclor 1268 peaks 1, 2, 5 were outside QC limits off column ZB-35 in CCV 480-501969/8. These target analytes should be qualified as estimated in the associated sample, blank and spikes off the associated columns.

Several target analytes had peaks that were outside QC limits, but ASP requires a minimum of three conforming peaks, so no further action is required.

METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Blanks
- Laboratory Control Sample
- MS/MSD
- Field Duplicate
- Serial Dilution
- Compound Quantitation
- Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Blanks and Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

BLANKS

All criteria were met except Zn was detected in MB 480-500309/1-A above the MDL, below the reporting limit and are qualified as estimated. Associated samples in which this target analyte was detected above the MDL and below the reporting limit should be reported with the reporting limit and 'undetected'. Associated samples in which this target analyte was detected above the reporting limit should be qualified as estimated high.

LABORATORY CONTROL SAMPLE

All criteria were met.

MS/MSD

All criteria were met.

FIELD DUPLICATE

All criteria were met except Cd was detected in LPZ-11S DUP but was not detected in LPZ-11S.

SERIAL DILUTION

All criteria were met.

COMPOUND QUANTITATION

All criteria were met.

CALIBRATION

All criteria were met except the %Rec of Ba and Cd was outside QC limits, high in ICVL 480-503018/7. The %Rec of As, Mn and Cd was outside QC limits, high in CCVL 480-503018/17. The %Rec of Sb and Cd was outside QC limits, high in CCVL 480-503018/25. The %Rec of Sb, Be, Fe, Ba and Zn was outside QC limits, high in ICVL 480-500626/7. The %Rec of Al and As was outside QC limits, high in CCVL 480-500626/19. The %Rec of As was outside QC limits, high in CCVL 480-500626/24. The %Rec of Zn was outside QC limits, high in CCVL 480-500626/48. These target analytes should be qualified as estimated high in the associated blanks, spikes and samples in which they were detected.

The %Rec of As, Co, Fe, Se and Tl was outside QC limits, low in ICVL 480-503018/7. The %Rec of Fe was outside QC limits, low in CCVL 480-503018/17. The %Rec of Tl was outside QC limits, low in CCVL 480-503018/25. The %Rec of Se was outside QC limits, low in ICVL 480-500626/7. The %Rec of Ag was outside QC limits, low in CCVL 480-500626/24. The %Rec of K was outside QC limits, low in CCVL 480-500626/36. These target analytes should be qualified as estimated in the associated blanks, spikes and samples.

LPZ-12S, OW-14BR, OW-16 & OW-37

Data Usability Summary Report

Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

Nash Rd. #932054
Eurofins SDG#480-161695-1
December 16, 2019
Sampling date: 10/25/2019

Prepared by:
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Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

Nash Rd. #932054
SDG# 480-161695-1

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for The LiRo Group, project located at Nash Rd. #932054, Eurofins #480-161695-1 submitted to Vali-Data of WNY, LLC on December 9, 2019. This DUSR has been prepared in general compliance with NYSDEC Analytical Services Protocols and USEPA National Functional Guidelines. The laboratory performed the analyses using USEPA method Volatile Organics (8260C), Semi-Volatile Organics (8270D), Pesticides (8081B), PCB (8082A), Inorganics (6010C), Mercury (7470A) and in accordance with wet chemistry methods.

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Sample Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use.

All samples were diluted due to foaming.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on all target analytes whose %RSD >20.0%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

GC/MS PERFORMANCE CHECK

All criteria were met.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the sample were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on all target analytes whose %RSD >20.0%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %Rec of Pentachlorophenol was outside QC limits in CCVIS 480-501527/3. ASP allows for up to four target analytes to be outside QC limits without further action.

Several target analytes were outside laboratory QC limits, but within ASP QC limits, so no further action is required.

GC/MS PERFORMANCE CHECK

All criteria were met.

PESTICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD

- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Laboratory Control Samples and Compound Quantitation.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the samples were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All the criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met except the RPD of cis-Chlordane was outside QC limits between the columns in LCSD 480-501294/3-A. The RPD of cis-Chlordane and trans-Chlordane was outside QC limits between the columns in LCS 480-501294/2-A. These target analytes should be qualified as estimated in the corresponding laboratory control samples.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met except the RPD of 4,4'-DDT was outside QC limits between the columns in OW-14BR and should be qualified as estimated.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

PCB

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Laboratory Control Samples and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the samples were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All the criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met except the RPD between the columns was outside QC limits for Aroclor 1016 and Aroclor 1260 in LCS 480-503005/2-A and should be qualified as estimated.

MS/MSD

No MS/MSD was acquired.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on many target analytes, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of Aroclor 1260 peaks 2-5 and DCBP were outside QC limits off column ZB-35 in CCVIS 480-503148/5. This target analyte and surrogate should be qualified as estimated in the associated sample, blank and spikes off the associated columns.

Several target analytes had peaks that were outside QC limits, but ASP requires a minimum of three conforming peaks, so no further action is required.

METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Blanks
- Laboratory Control Sample
- MS/MSD
- Field Duplicate
- Serial Dilution
- Compound Quantitation
- Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Blanks and Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

BLANKS

All criteria were met except Zn was detected in MB 480-501104/1-A above the MDL, below the reporting limit and is qualified as estimated. Cu was detected above the MDL, below the reporting limit and is qualified as estimated in CCB 480-501378/18, 26, 38, 50. Associated samples in which these target analytes were detected above the MDL and below the reporting limit should be reported with the reporting limit and 'undetected'. Associated samples in which these target analytes were detected above the reporting limit should be qualified as estimated high.

LABORATORY CONTROL SAMPLE

All criteria were met.

MS/MSD

No MS/MSD was acquired.

FIELD DUPLICATE

All criteria were met except Pb and V were detected in LPZ-12S but were not detected in LPZ-12S DUP.

SERIAL DILUTION

All criteria were met.

COMPOUND QUANTITATION

All criteria were met.

CALIBRATION

All criteria were met except the %Rec of Sb, Ba and Pb was outside QC limits, high in ICVL 480-501378/7. The %Rec of Sb, Cu and Zn was outside QC limits, high in CCVL 480-501378/19. The %Rec of Sb and Cu was outside QC limits, high in CCVL 480-501378/27. The %Rec of Sb, Cr, Pb, Ag and Zn was outside QC limits, high in CCVL 480-501378/39. The %Rec of Sb and Zn was outside QC limits, high in CCVL 480-501378/51. These target analytes should be qualified as estimated high in the associated blanks, spikes and samples in which they were detected. The %Rec of Co, Se and Ag was outside QC limits, low in CCVL 480-501378/19. The %Rec of K was outside QC limits, low in CCVL 480-501378/27, 39. The %Rec of Co was outside QC limits, low in CCVL 480-501378/51. These target analytes should be qualified as estimated in the associated blanks, spikes and samples.

**LDP-04, LSW-2, LSW-3, LSW-5,
LSW-6, SG-1 & SW-2**

Data Usability Summary Report

Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

Nash Rd. #932054
Eurofins SDG#480-164011-1
February 7, 2020
Sampling date: 12/10/2019

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

Nash Rd. #932054
SDG# 480-164011-1

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for The LiRo Group, project located at Nash Rd. #932054, Eurofins #480-164011-1 submitted to Vali-Data of WNY, LLC on January 10, 2020. This DUSR has been prepared in general compliance with USEPA National Functional Guidelines (NFG) and NYSDEC Analytical Services Protocols (ASP). The laboratory performed the analyses using USEPA method Volatile Organics (8260C), Semi-Volatile Organics (8270D), Pesticides (8081B), PCB (8082A), Inorganics (6010C), Mercury (7470A) and in accordance with wet chemistry methods.

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Sample Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use.

All samples were diluted due to foaming except LSW-003 and LDP-04.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

The pH of LDP-04 was outside QC limits, but the sample was analyzed within 7 days, so no further action is needed.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

All criteria were met.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on all target analytes whose %RSD >20.0%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

GC/MS PERFORMANCE CHECK

All criteria were met.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Surrogate Spike Recoveries, MS/MSD and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the sample were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of 2,4,6-Tribromophenol was outside ASP QC limits, high in SG-01. Associated target analytes detected in this sample should be qualified as estimated high.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

All criteria were met except the %Rec of Pentachlorophenol was outside NFG QC limits, high in SG-01MS/MSD and should be qualified as estimated. This target analyte should be qualified as estimated high in SG-01, if detected.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on several target analytes, with acceptable results except for Pentachlorophenol. This target analyte should be qualified as estimated in the samples, blank and spikes.

CONTINUING CALIBRATION

All criteria were met except the %D of Bis(2-Chloroethoxy) methane was outside QC limits in CCVIS 480-510277/3. This target analyte should be qualified as estimated in the samples, blank and spikes.

Several target analytes were outside laboratory QC limits, but within NFG QC limits, so no further action is required.

GC/MS PERFORMANCE CHECK

All criteria were met.

PESTICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Surrogate Spike Recoveries, Method Blank, Laboratory Control Samples, MS/MSD and Compound Quantitation.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the samples were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of DCBP off column RTX-CLPI was outside NFG QC limits, low in SG-01, SG-01MS/MSD, LSW-003 and LSW-006. Detected target analytes in these samples, off this column should be qualified as estimated low. Non-detected target analytes in these samples, off this column should be qualified as estimated.

METHOD BLANK

All the criteria were met except 4,4'-DDD, 4,4'-DDT, delta-BHC and Endrin Aldehyde were detected above the MDL, below the reporting limit and are qualified as estimated in MB 480-509837/1-A. Associated samples in which these target analytes were detected above the MDL and below the reporting limit should be reported with the reporting limit and 'undetected'. Associated samples in which these target analytes were detected above the reporting limit should be qualified as estimated high.

The RPD of 4,4'-DDD and 4,4'-DDT was outside QC limits between the columns in MB 480-509837/1-A and should be qualified as estimated.

FIELD DUPLICATE SAMPLE PRECISION

All the criteria were met except 4,4'-DDE and 4,4'-DDT were detected in LSW-006 but were not detected in DUP. Endosulfan sulfate and Endrin Ketone were detected in DUP but were not detected in LSW-006.

LABORATORY CONTROL SAMPLES

All criteria were met except the RPD of Endosulfan I, Endrin Aldehyde and Endosulfan sulfate was outside QC limits between the columns in LCS 480-509837/2-A and should be qualified as estimated.

MS/MSD

All criteria were met except the %Rec of Heptachlor and alpha-BHC was outside QC limits, high in SG-01MS/MSD. These target analytes should be qualified as estimated in SG-01 and SG-01MS/MSD, if detected.

The RPD of 4,4'-DDT was outside QC limits between SG-01MS and SG-01MSD. This target analyte should be qualified as estimated in SG-01 and SG-01MS/MSD.

The %Rec of 4,4'-DDT was outside QC limits in SG-01MS but within limits in SG-01MSD, so no further action is required.

The RPD of alpha-BHC, beta-BHC, delta-BHC, Heptachlor, 4,4'-DDT and Endrin aldehyde was outside QC limits between the columns in SG-01MS and should be qualified as estimated.

The RPD of alpha-BHC, beta-BHC, Heptachlor, 4,4'-DDE, Endosulfan I and Endrin aldehyde was outside QC limits between the columns in SG-01MSD and should be qualified as estimated.

COMPOUND QUANTITATION

All criteria were met except the RPD of trans-Chlordane and cis-Chlordane was outside QC limits between the columns in SG-01 and should be qualified as estimated. The RPD of beta-BHC and delta-BHC was outside QC limits between the columns in LSW-002 and should be qualified as estimated. The RPD of trans-Chlordane and delta-BHC was outside QC limits between the columns in LSW-003 and should be qualified as estimated. The RPD of 4,4'-DDE, Endosulfan II, trans-Chlordane and cis-Chlordane was outside QC limits between the columns in LSW-006 and should be qualified as estimated. The RPD of trans-Chlordane and Endosulfan sulfate was outside QC limits between the columns in DUP and should be qualified as estimated. The RPD of gamma-BHC, delta-BHC and 4,4'-DDD was outside QC limits between

the columns in LSW-005 and should be qualified as estimated. The RPD of 4,4'-DDD was outside QC limits between the columns in LDP-04 and should be qualified as estimated.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

PCB

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Surrogate Spike Recoveries, Laboratory Control Samples, MS/MSD and Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the samples were met.

SURROGATE SPIKE RECOVERIES

All criteria were met except the %Rec of DCBP was outside QC limits, low off column ZB-5 in SG-01 and SG-01MS/MSD. Detected target analytes in these samples, off this column should be qualified as estimated low. Non-detected target analytes in these samples, off this column should be qualified as estimated.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

All the criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met except the RPD between the columns was outside QC limits for Aroclor 1016 in LCS 480-509671/2-A and should be qualified as estimated.

MS/MSD

All criteria were met except the RPD between the columns was outside QC limits for Aroclor 1016 in SG-01MS/MSD and should be qualified as estimated.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on many target analytes, with acceptable results.

CONTINUING CALIBRATION

All criteria were met except the %D of Aroclor 1260 peak 5 and DCBP was outside QC limits off column ZB-35 in CCVIS 480-510053/5 and CCV 480-510053/31. The %D of Aroclor 1232 peak 1 and Aroclor 1262 peak 5 was outside QC limits off column ZB-35 in CCV 480-510053/7. The %D of Aroclor 1242 peak 1 and Aroclor 1268 peaks 1-5 was outside QC limits off column ZB-35 in CCV 480-510053/8. These target analytes and surrogate should be qualified as estimated in the associated sample, blank and spikes off the associated columns.

METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Blanks
- Laboratory Control Sample
- MS/MSD
- Field Duplicate
- Serial Dilution
- Compound Quantitation
- Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Blanks, MS/MSD and Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

BLANKS

All criteria were met except Mn was detected in MB 480-509586/1-A above the MDL, below the reporting limit and is qualified as estimated. Associated samples in which this target analyte was detected above the MDL and below the reporting limit should be reported with the reporting limit and 'undetected'. Associated samples in which this target analyte was detected above the reporting limit should be qualified as estimated high.

LABORATORY CONTROL SAMPLE

All criteria were met.

MS/MSD

All criteria were met except the %Rec of Mn was outside QC limits, high in SG-01MS/MSD. This target analyte should be qualified as estimated high in SG-01 and SG-01MS/MSD, if detected.

FIELD DUPLICATE

All criteria were met.

SERIAL DILUTION

All criteria were met.

COMPOUND QUANTITATION

All criteria were met.

CALIBRATION

All criteria were met except the %Rec of Al, As and Zn was outside QC limits, high in CCVL 480-510745/19. The %Rec of Al was outside QC limits, high in CCVL 480-510745/25. The %Rec of Al and As was outside QC limits, high in CCVL 480-510745/37. These target analytes should be qualified as estimated high in the associated blanks, spikes and samples in which they were detected.

The %Rec of Cu, K, Se and Ag was outside QC limits, low in ICVL 480-510745/7. The %Rec of Cu was outside QC limits, low in CCVL 480-510745/19. Cu and K was outside QC limits, low in CCVL 480-510745/25, 49. The %Rec of Cu, Se and Ag was outside QC limits, low in CCVL 480-510745/37. These target analytes should be qualified as estimated in the associated blanks, spikes and samples.

LDP-02R, OW-1 & OW-31

Data Usability Summary Report

Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

Nash Rd. #932054
Eurofins SDG#480-165018-1
March 11, 2020
Sampling date: 1/9/2020

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

Nash Rd. #932054
SDG# 480-165018-1

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for The LiRo Group, project located at Nash Rd. #932054, Eurofins #480-165018-1 submitted to Vali-Data of WNY, LLC on March 3, 2020. This DUSR has been prepared in general compliance with USEPA National Functional Guidelines (NFG) and NYSDEC Analytical Services Protocols (ASP). The laboratory performed the analyses using USEPA method Volatile Organics (8260C), Semi-Volatile Organics (8270D), Pesticides (8081B), PCB (8082A), Inorganics (6010C), Mercury (7470A) and in accordance with wet chemistry methods.

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Sample Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was performed.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on all target analytes whose %RSD >20.0%, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

GC/MS PERFORMANCE CHECK

All criteria were met.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Laboratory Control Samples and Method Blank.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the sample were met.

INTERNAL STANDARD (IS)

All criteria were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met except Benzaldehyde was detected above the MDL, below the reporting limit and is qualified as estimated in MB 480-513339/1-A. Associated samples in which this target analyte was detected above the MDL and below the reporting limit should be reported with the reporting limit and 'undetected'. Associated samples in which this target analyte was detected above the reporting limit should be qualified as estimated high.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met except the RPD of 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, 2,4-Dichlorophenol, 2,4-Dinitrophenol, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 2-Chloronaphthalene, 2-Nitroaniline, 2-Nitrophenol, 3-Nitroaniline, 4,6-Dinitro-2-methylphenol, 4-Bromophenyl phenyl ether, 4-Chloroaniline, 4-Chlorophenyl phenyl ether, 4-Nitroaniline, Acenaphthylene, Anthracene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(g,h,i)perylene, Bis(2-chloroethoxy)methane, Bis(2-ethylhexyl)phthalate, Butyl benzyl phthalate, Carbazole, Chrysene, Di-n-butyl phthalate, Dibenz(a,h)anthracene, Dibenzofuran, Diethyl phthalate, Dimethyl phthalate, Fluoranthene, Fluorene, Hexachlorobenzene, Indeno(1,2,3-cd)pyrene, Isophorone, N-Nitrosodiphenylamine and Phenanthrene was outside QC limits between LCS 480-513339/2-A and LCSD 480-513339/3-A. These target analytes should be qualified as estimated in the associated samples.

MS/MSD

No MS/MSD was performed.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on several target analytes, with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

GC/MS PERFORMANCE CHECK

All criteria were met.

PESTICIDES

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Method Blank, Laboratory Control Samples and Compound Quantitation.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the samples were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met except alpha-BHC and Endrin Aldehyde were detected above the MDL, below the reporting limit and are qualified as estimated in MB 480-513197/1-A. Associated samples in which these target analytes were detected above the MDL and below the reporting

limit should be reported with the reporting limit and 'undetected'. Associated samples in which these target analytes were detected above the reporting limit should be qualified as estimated high.

The RPD of alpha-BHC was outside QC limits between the columns in MB 480-513197/1-A and should be qualified as estimated.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met except the RPD of cis-Chlordane, Endrin Aldehyde and Dieldrin was outside QC limits between the columns in LCS 480-513197/2-A and should be qualified as estimated.

MS/MSD

No MS/MSD was performed.

COMPOUND QUANTITATION

All criteria were met except the RPD of Endrin Ketone was outside QC limits between the columns in LDP-02R and should be qualified as estimated. The RPD of delta-BHC was outside QC limits between the columns in OW-31 and should be qualified as estimated. The RPD of 4,4'-DDD was outside QC limits between the columns in OW-01 and should be qualified as estimated.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were used with acceptable results.

CONTINUING CALIBRATION

All criteria were met.

PCB

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Surrogate Spike Recoveries
- Method Blank
- Field Duplicate Precision
- Laboratory Control Samples
- MS/MSD

- Compound Quantitation
- Initial Calibration
- Continuing Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Continuing Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times for the samples were met.

SURROGATE SPIKE RECOVERIES

All criteria were met.

METHOD BLANK

All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was acquired.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD was performed.

COMPOUND QUANTITATION

All criteria were met.

INITIAL CALIBRATION

All criteria were met.

Alternate forms of regression were performed on many target analytes, with acceptable

results.

CONTINUING CALIBRATION

All criteria were met except the %D of Aroclor 1232 peak 3 was outside QC limits off column ZB-5 in CCV 480-513283/7. The %D of Aroclor 1262 peaks 1-3, 5 was outside QC limits off column ZB-35 in CCV 480-513283/7. The %D of Aroclor 1248 peaks 1, 4, 5 was outside QC limits off column ZB-35 in CCV 480-513283/9. The %D of Aroclor 1260 peak 4 was outside QC limits off column ZB-5 in CCV 480-513283/31. These target analytes should be qualified as estimated in the associated sample, blank and spikes off the associated columns.

METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Blanks
- Laboratory Control Sample
- MS/MSD
- Field Duplicate
- Serial Dilution
- Compound Quantitation
- Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use but are qualified below in Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS

All criteria were met.

HOLDING TIMES

All holding times were met.

BLANKS

All criteria were met.

LABORATORY CONTROL SAMPLE

All criteria were met.

MS/MSD

All criteria were met.

FIELD DUPLICATE

No field duplicate was acquired.

SERIAL DILUTION

All criteria were met.

COMPOUND QUANTITATION

All criteria were met.

CALIBRATION

All criteria were met except the %Rec of As was outside QC limits, high in CCVL 480-513482/35. These target analytes should be qualified as estimated high in the associated blanks, spikes and samples in which they were detected.

The %Rec Cr, Pb, Ni and Ag was outside QC limits, low in ICVL 480-513482/7. The %Rec of Al, Fe and Cu was outside QC limits, low in CCVL 480-513482/24. Pb and Ag was outside QC limits, low in CCVL 480-513482/35. The %Rec of Se was outside QC limits, low in ICVL 480-513612/8 and CCVL 480-513612/18, 23, 34. These target analytes should be qualified as estimated in the associated blanks, spikes and samples.

APPENDIX G

SOIL BORING LOGS

2021 Sampling Event



LiRo Engineers, Inc.

TEST BORING LOG

PROJECT NAME: Niagara Sanitation										BORING ID: LPZ-14S	
CLIENT: New York State Department of Environmental Conservation (NYSDEC)										SHEET: 1 of 1	
BORING CONTRACTOR: Earth Dimensions										JOB NO.: 17-013-0289	
GROUNDWATER: ~6.5'										LOCATION: Niagara Sanitation	
CAS.										SAMPLER	
TUBE										GROUND ELEVATION:	
DATE	TIME	LEVEL	TYPE	TYPE			HSA		DATE STARTED:	October 19, 2021	
				DIA.			4 1/4"	2" sampler	DATE FINISHED:	October 19, 2021	
				WT.					DRILLER:	Phil Bence	
				FALL					GEOLOGIST:	Andrew Koons	
										REVIEWED BY: DMS	
DEPTH FEET	SAMPLE					DESCRIPTION			USCS	REMARKS	
	STRATA	"S" NO.	"N" NO.	BLOWS PER 6"	REC% RQD%	COLOR	CONSISTENCY HARDNESS	MATERIAL DESCRIPTION			
				1	2	90%	dark brown	loose	FILL: SILT and SAND with organics (0-2.0')	FILL	0 ppm
				3	4						0 ppm
				3	4	60%	gray-brown	loose	FILL: Silty SAND with trash (2.0-4.0')		0 ppm
				5	6						0 ppm
5				4	8	90%	gray-brown	medium dense	Silty SAND, fine with trace clay and organics (4.0-8.0') Grades to SAND, fine with silt. Wet at 6.5'.	SM-SP	0 ppm
				10	10						0 ppm
				7	10						0 ppm
				9	7	90%	0 ppm				
				4	4	90%	gray-brown	stiff	SILTY CLAY with silty partings(8.0-12.0')	CL	0 ppm
10				9	13						0 ppm
				3	6						0 ppm
				9	11	90%	0 ppm				
	End of boring at 12.0'										
15											
20											
25											
30											
35											
COMMENTS: Well constructed. See well construction log.										PROJECT NO.: 17-013-0289	
										BORING NO.: LPZ-14S	



LiRo Engineers, Inc.

TEST BORING LOG

PROJECT NAME: Niagara Sanitation										BORING ID: LPZ-15S				
CLIENT: New York State Department of Environmental Conservation (NYSDEC)										SHEET: 1 of 1				
BORING CONTRACTOR: Earth Dimensions										JOB NO.: 17-013-0289				
GROUNDWATER: ~5.5'										LOCATION: Niagara Sanitation				
CAS.										SAMPLER				
TUBE										GROUND ELEVATION:				
DATE	TIME	LEVEL	TYPE	TYPE			HSA		DATE STARTED:	October 19, 2021				
				DIA.			4 1/4"	2" sampler	DATE FINISHED:	October 19, 2021				
				WT.					DRILLER:	Phil Bence				
				FALL					GEOLOGIST:	Andrew Koons				
										REVIEWED BY: DMS				
DEPTH FEET	SAMPLE					DESCRIPTION			USCS	REMARKS				
	STRATA	"S" NO.	"N" NO.	BLOWS PER 6"	REC% RQD%	COLOR	CONSISTENCY HARDNESS	MATERIAL DESCRIPTION						
				-	-	NA	gray	very dense	FILL: crushed stone (0-2.0') Augered through first 2.0'.	FILL	0 ppm			
				-	-								0 ppm	
				3	4	75%	dark brown	loose	FILL: SILT and SAND with organics (2.0-3.0')			0 ppm		
				5	6		gray-brown	medium dense	Silty SAND, fine with trace clay and organics (3.0-5.0')	SM	0 ppm			
5							3	4	90%	gray-brown	medium dense	SP	0 ppm	
							7	9					SAND, fine with some silt (5.0-7.5'). Wet at 5.5'.	0 ppm
							5	4	90%				CL	0 ppm
							7	10				SILTY CLAY (7.5-12.0')		0 ppm
							4	6	90%	gray-brown	stiff to very stiff			0 ppm
10							9	11						0 ppm
							3	6						0 ppm
							10	11						0 ppm
15														
20														
25														
30														
35														
COMMENTS: Well constructed. See well construction log.										PROJECT NO.: 17-013-0289				
Soil samples collected at this location at 5.0-7.0'.										BORING NO.: LPZ-15S				