



ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Joseph Tymorek
LLCOA
128 Jasmine Ave
West Seneca, New York 14224

Generated 10/7/2024 4:38:26 PM

JOB DESCRIPTION

Sediment Dredging - Lime Lake, NY

JOB NUMBER

480-223834-1

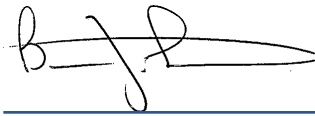
Eurofins Buffalo

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



Generated
10/7/2024 4:38:26 PM

Authorized for release by
Brian Fischer, Manager of Project Management
Brian.Fischer@et.eurofinsus.com
(716)504-9835



Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Detection Summary	6
Client Sample Results	8
Surrogate Summary	20
QC Sample Results	22
QC Association Summary	32
Lab Chronicle	35
Certification Summary	37
Method Summary	38
Sample Summary	39
Chain of Custody	40
Receipt Checklists	41

Definitions/Glossary

Client: LLCOA
Project/Site: Sediment Dredging - Lime Lake, NY

Job ID: 480-223834-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
vs	Reported analyte concentrations are below 200 ug/kg and may be biased low due to the sample not being collected according to 5035A-L low-level specifications.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: LLCOA
Project: Sediment Dredging - Lime Lake, NY

Job ID: 480-223834-1

Job ID: 480-223834-1

Eurofins Buffalo

Job Narrative 480-223834-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 9/30/2024 10:27 AM. Unless otherwise noted below, the samples arrived in good condition. The temperature of the cooler at receipt time was 11.8°C.

GC/MS VOA

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 samples: Potter Shallows Bay (480-223834-2) and Inlet Small Bay (480-223834-3) were decanted prior to preparation.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Pesticides

Method 8081B: The following samples required a Florisil clean-up, via EPA Method 3620C, to reduce matrix interferences: Weaver Bay (480-223834-1), Potter Shallows Bay (480-223834-2) and Inlet Small Bay (480-223834-3).

Method 8081B: The following samples were diluted due to the nature of the sample matrix: Weaver Bay (480-223834-1), Potter Shallows Bay (480-223834-2) and Inlet Small Bay (480-223834-3). As such, surrogate recoveries are below the calibration range, estimated and not representative. Elevated reporting limits (RLs) are provided.

Method 8081B: The method blank for preparation batch 480-726832 and analytical batch 480-726932 contained gamma-BHC (Lindane) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or 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.

Metals

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Buffalo

Detection Summary

Client: LLCOA
Project/Site: Sediment Dredging - Lime Lake, NY

Job ID: 480-223834-1

Client Sample ID: Weaver Bay

Lab Sample ID: 480-223834-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	15	J vs	85	6.2	ug/Kg	1	✳	8260C	Total/NA
Acetone	61	J vs	85	14	ug/Kg	1	✳	8260C	Total/NA
Chloroform	1.3	J B vs	17	1.1	ug/Kg	1	✳	8260C	Total/NA
Benzo[a]anthracene	140	J	580	58	ug/Kg	1	✳	8270D	Total/NA
Benzo[a]pyrene	160	J	580	85	ug/Kg	1	✳	8270D	Total/NA
Benzo[b]fluoranthene	220	J	580	91	ug/Kg	1	✳	8270D	Total/NA
Benzo[g,h,i]perylene	120	J	580	61	ug/Kg	1	✳	8270D	Total/NA
Benzo[k]fluoranthene	99	J	580	75	ug/Kg	1	✳	8270D	Total/NA
Chrysene	160	J	580	130	ug/Kg	1	✳	8270D	Total/NA
Fluoranthene	300	J	580	61	ug/Kg	1	✳	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	100	J	580	71	ug/Kg	1	✳	8270D	Total/NA
Phenanthrene	160	J	580	85	ug/Kg	1	✳	8270D	Total/NA
Pyrene	300	J	580	68	ug/Kg	1	✳	8270D	Total/NA
Arsenic	5.4	J	7.2	3.1	mg/Kg	1	✳	6010C	Total/NA
Barium	161		1.8	0.50	mg/Kg	1	✳	6010C	Total/NA
Beryllium	0.63	J	0.72	0.14	mg/Kg	1	✳	6010C	Total/NA
Cadmium	0.83		0.72	0.25	mg/Kg	1	✳	6010C	Total/NA
Chromium	15.0		1.8	1.3	mg/Kg	1	✳	6010C	Total/NA
Copper	45.5		3.6	2.0	mg/Kg	1	✳	6010C	Total/NA
Lead	43.1		3.6	1.6	mg/Kg	1	✳	6010C	Total/NA
Nickel	14.9	J	17.9	0.89	mg/Kg	1	✳	6010C	Total/NA
Zinc	134		7.2	3.6	mg/Kg	1	✳	6010C	Total/NA
Mercury	0.095		0.070	0.016	mg/Kg	1	✳	7471B	Total/NA

Client Sample ID: Potter Shallows Bay

Lab Sample ID: 480-223834-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	76	vs	75	13	ug/Kg	1	✳	8260C	Total/NA
Benzo[a]anthracene	120	J	500	50	ug/Kg	1	✳	8270D	Total/NA
Benzo[a]pyrene	140	J	500	74	ug/Kg	1	✳	8270D	Total/NA
Benzo[b]fluoranthene	190	J	500	80	ug/Kg	1	✳	8270D	Total/NA
Benzo[g,h,i]perylene	100	J	500	53	ug/Kg	1	✳	8270D	Total/NA
Benzo[k]fluoranthene	73	J	500	65	ug/Kg	1	✳	8270D	Total/NA
Chrysene	140	J	500	110	ug/Kg	1	✳	8270D	Total/NA
Fluoranthene	190	J	500	53	ug/Kg	1	✳	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	93	J	500	62	ug/Kg	1	✳	8270D	Total/NA
Phenanthrene	90	J	500	74	ug/Kg	1	✳	8270D	Total/NA
Pyrene	170	J	500	59	ug/Kg	1	✳	8270D	Total/NA
alpha-BHC	13	J	50	9.0	ug/Kg	10	✳	8081B	Total/NA
Arsenic	4.6	J	6.3	2.8	mg/Kg	1	✳	6010C	Total/NA
Barium	142		1.6	0.44	mg/Kg	1	✳	6010C	Total/NA
Beryllium	0.37	J	0.63	0.13	mg/Kg	1	✳	6010C	Total/NA
Cadmium	0.59	J	0.63	0.22	mg/Kg	1	✳	6010C	Total/NA
Chromium	8.8		1.6	1.1	mg/Kg	1	✳	6010C	Total/NA
Copper	36.1		3.2	1.8	mg/Kg	1	✳	6010C	Total/NA
Lead	22.7		3.2	1.5	mg/Kg	1	✳	6010C	Total/NA
Nickel	8.5	J	15.9	0.79	mg/Kg	1	✳	6010C	Total/NA
Zinc	82.0		6.3	3.2	mg/Kg	1	✳	6010C	Total/NA
Mercury	0.049	J	0.059	0.013	mg/Kg	1	✳	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Detection Summary

Client: LLCOA
 Project/Site: Sediment Dredging - Lime Lake, NY

Job ID: 480-223834-1

Client Sample ID: Inlet Small Bay

Lab Sample ID: 480-223834-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	15	J vs	74	12	ug/Kg	1	✳	8260C	Total/NA
Benzo[a]anthracene	150	J	500	50	ug/Kg	1	✳	8270D	Total/NA
Benzo[a]pyrene	180	J	500	73	ug/Kg	1	✳	8270D	Total/NA
Benzo[b]fluoranthene	250	J	500	79	ug/Kg	1	✳	8270D	Total/NA
Benzo[g,h,i]perylene	120	J	500	53	ug/Kg	1	✳	8270D	Total/NA
Benzo[k]fluoranthene	96	J	500	64	ug/Kg	1	✳	8270D	Total/NA
Chrysene	200	J	500	110	ug/Kg	1	✳	8270D	Total/NA
Fluoranthene	430	J	500	53	ug/Kg	1	✳	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	120	J	500	61	ug/Kg	1	✳	8270D	Total/NA
Phenanthrene	250	J	500	73	ug/Kg	1	✳	8270D	Total/NA
Pyrene	340	J	500	58	ug/Kg	1	✳	8270D	Total/NA
alpha-BHC	10	J	50	9.0	ug/Kg	10	✳	8081B	Total/NA
Barium	136		1.5	0.41	mg/Kg	1	✳	6010C	Total/NA
Beryllium	0.21	J	0.58	0.12	mg/Kg	1	✳	6010C	Total/NA
Cadmium	0.54	J	0.58	0.20	mg/Kg	1	✳	6010C	Total/NA
Chromium	10.7		1.5	1.1	mg/Kg	1	✳	6010C	Total/NA
Copper	16.7		2.9	1.7	mg/Kg	1	✳	6010C	Total/NA
Lead	38.3		2.9	1.3	mg/Kg	1	✳	6010C	Total/NA
Nickel	6.0	J	14.6	0.73	mg/Kg	1	✳	6010C	Total/NA
Zinc	74.3		5.8	3.0	mg/Kg	1	✳	6010C	Total/NA
Mercury	0.031	J	0.059	0.014	mg/Kg	1	✳	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: LLCOA
Project/Site: Sediment Dredging - Lime Lake, NY

Job ID: 480-223834-1

Client Sample ID: Weaver Bay

Lab Sample ID: 480-223834-1

Date Collected: 09/29/24 09:16

Matrix: Solid

Date Received: 09/30/24 10:27

Percent Solids: 29.4

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	17	1.2	ug/Kg	☼	09/30/24 18:09	10/01/24 00:28	1
1,1,2,2-Tetrachloroethane	ND	vs	17	2.8	ug/Kg	☼	09/30/24 18:09	10/01/24 00:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	17	3.9	ug/Kg	☼	09/30/24 18:09	10/01/24 00:28	1
1,1,2-Trichloroethane	ND	vs	17	2.2	ug/Kg	☼	09/30/24 18:09	10/01/24 00:28	1
1,1-Dichloroethane	ND	vs	17	2.1	ug/Kg	☼	09/30/24 18:09	10/01/24 00:28	1
1,1-Dichloroethene	ND	vs	17	2.1	ug/Kg	☼	09/30/24 18:09	10/01/24 00:28	1
1,2,4-Trichlorobenzene	ND	vs	17	1.0	ug/Kg	☼	09/30/24 18:09	10/01/24 00:28	1
1,2-Dibromo-3-Chloropropane	ND	vs	17	8.5	ug/Kg	☼	09/30/24 18:09	10/01/24 00:28	1
1,2-Dichlorobenzene	ND	vs	17	1.3	ug/Kg	☼	09/30/24 18:09	10/01/24 00:28	1
1,2-Dichloroethane	ND	vs	17	0.85	ug/Kg	☼	09/30/24 18:09	10/01/24 00:28	1
1,2-Dichloropropane	ND	vs	17	8.5	ug/Kg	☼	09/30/24 18:09	10/01/24 00:28	1
1,3-Dichlorobenzene	ND	vs	17	0.87	ug/Kg	☼	09/30/24 18:09	10/01/24 00:28	1
1,4-Dichlorobenzene	ND	vs	17	2.4	ug/Kg	☼	09/30/24 18:09	10/01/24 00:28	1
2-Butanone (MEK)	15	J vs	85	6.2	ug/Kg	☼	09/30/24 18:09	10/01/24 00:28	1
2-Hexanone	ND	vs	85	8.5	ug/Kg	☼	09/30/24 18:09	10/01/24 00:28	1
4-Methyl-2-pentanone (MIBK)	ND	vs	85	5.6	ug/Kg	☼	09/30/24 18:09	10/01/24 00:28	1
Acetone	61	J vs	85	14	ug/Kg	☼	09/30/24 18:09	10/01/24 00:28	1
Benzene	ND	vs	17	0.83	ug/Kg	☼	09/30/24 18:09	10/01/24 00:28	1
Bromoform	ND	vs	17	8.5	ug/Kg	☼	09/30/24 18:09	10/01/24 00:28	1
Bromomethane	ND	vs	17	1.5	ug/Kg	☼	09/30/24 18:09	10/01/24 00:28	1
Carbon disulfide	ND	vs	17	8.5	ug/Kg	☼	09/30/24 18:09	10/01/24 00:28	1
Carbon tetrachloride	ND	vs	17	1.6	ug/Kg	☼	09/30/24 18:09	10/01/24 00:28	1
Chlorobenzene	ND	vs	17	2.2	ug/Kg	☼	09/30/24 18:09	10/01/24 00:28	1
Dibromochloromethane	ND	vs	17	2.2	ug/Kg	☼	09/30/24 18:09	10/01/24 00:28	1
Chloroethane	ND	vs	17	3.8	ug/Kg	☼	09/30/24 18:09	10/01/24 00:28	1
Chloroform	1.3	J B vs	17	1.1	ug/Kg	☼	09/30/24 18:09	10/01/24 00:28	1
Chloromethane	ND	vs	17	1.0	ug/Kg	☼	09/30/24 18:09	10/01/24 00:28	1
cis-1,2-Dichloroethene	ND	vs	17	2.2	ug/Kg	☼	09/30/24 18:09	10/01/24 00:28	1
Cyclohexane	ND	vs	17	2.4	ug/Kg	☼	09/30/24 18:09	10/01/24 00:28	1
Bromodichloromethane	ND	vs	17	2.3	ug/Kg	☼	09/30/24 18:09	10/01/24 00:28	1
Dichlorodifluoromethane	ND	vs	17	1.4	ug/Kg	☼	09/30/24 18:09	10/01/24 00:28	1
Ethylbenzene	ND	vs	17	1.2	ug/Kg	☼	09/30/24 18:09	10/01/24 00:28	1
1,2-Dibromoethane	ND	vs	17	2.2	ug/Kg	☼	09/30/24 18:09	10/01/24 00:28	1
Isopropylbenzene	ND	vs	17	2.6	ug/Kg	☼	09/30/24 18:09	10/01/24 00:28	1
Methyl acetate	ND	vs	85	10	ug/Kg	☼	09/30/24 18:09	10/01/24 00:28	1
Methyl tert-butyl ether	ND	vs	17	1.7	ug/Kg	☼	09/30/24 18:09	10/01/24 00:28	1
Methylcyclohexane	ND	vs	17	2.6	ug/Kg	☼	09/30/24 18:09	10/01/24 00:28	1
Methylene Chloride	ND	vs	17	7.8	ug/Kg	☼	09/30/24 18:09	10/01/24 00:28	1
Tetrachloroethene	ND	vs	17	2.3	ug/Kg	☼	09/30/24 18:09	10/01/24 00:28	1
Toluene	ND	vs	17	1.3	ug/Kg	☼	09/30/24 18:09	10/01/24 00:28	1
trans-1,2-Dichloroethene	ND	vs	17	1.8	ug/Kg	☼	09/30/24 18:09	10/01/24 00:28	1
trans-1,3-Dichloropropene	ND	vs	17	7.5	ug/Kg	☼	09/30/24 18:09	10/01/24 00:28	1
Trichloroethene	ND	vs	17	3.7	ug/Kg	☼	09/30/24 18:09	10/01/24 00:28	1
Trichlorofluoromethane	ND	vs	17	1.6	ug/Kg	☼	09/30/24 18:09	10/01/24 00:28	1
Vinyl chloride	ND	vs	17	2.1	ug/Kg	☼	09/30/24 18:09	10/01/24 00:28	1
Xylenes, Total	ND	vs	34	2.9	ug/Kg	☼	09/30/24 18:09	10/01/24 00:28	1
cis-1,3-Dichloropropene	ND	vs	17	2.4	ug/Kg	☼	09/30/24 18:09	10/01/24 00:28	1
Styrene	ND	vs	17	0.85	ug/Kg	☼	09/30/24 18:09	10/01/24 00:28	1

Client Sample Results

Client: LLCOA
Project/Site: Sediment Dredging - Lime Lake, NY

Job ID: 480-223834-1

Client Sample ID: Weaver Bay

Lab Sample ID: 480-223834-1

Date Collected: 09/29/24 09:16

Matrix: Solid

Date Received: 09/30/24 10:27

Percent Solids: 29.4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		64 - 126	09/30/24 18:09	10/01/24 00:28	1
4-Bromofluorobenzene (Surr)	85		72 - 126	09/30/24 18:09	10/01/24 00:28	1
Toluene-d8 (Surr)	103		71 - 125	09/30/24 18:09	10/01/24 00:28	1
Dibromofluoromethane (Surr)	103		60 - 140	09/30/24 18:09	10/01/24 00:28	1

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		580	85	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
bis (2-chloroisopropyl) ether	ND		580	120	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
2,4,5-Trichlorophenol	ND		580	160	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
2,4,6-Trichlorophenol	ND		580	120	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
2,4-Dichlorophenol	ND		580	61	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
2,4-Dimethylphenol	ND		580	140	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
2,4-Dinitrophenol	ND		5600	2700	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
2,4-Dinitrotoluene	ND		580	120	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
2,6-Dinitrotoluene	ND		580	68	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
2-Chloronaphthalene	ND		580	95	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
2-Chlorophenol	ND		1100	100	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
2-Methylnaphthalene	ND		580	120	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
2-Methylphenol	ND		580	68	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
2-Nitroaniline	ND		1100	85	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
2-Nitrophenol	ND		580	160	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
3,3'-Dichlorobenzidine	ND		1100	680	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
3-Nitroaniline	ND		1100	160	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
4,6-Dinitro-2-methylphenol	ND		1100	580	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
4-Bromophenyl phenyl ether	ND		580	81	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
4-Chloro-3-methylphenol	ND		580	140	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
4-Chloroaniline	ND		580	140	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
4-Chlorophenyl phenyl ether	ND		580	71	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
4-Methylphenol	ND		1100	68	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
4-Nitroaniline	ND		1100	300	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
4-Nitrophenol	ND		1100	400	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
Acenaphthene	ND		580	85	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
Acenaphthylene	ND		580	75	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
Acetophenone	ND		580	78	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
Anthracene	ND		580	140	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
Atrazine	ND		580	200	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
Benzaldehyde	ND		580	460	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
Benzo[a]anthracene	140	J	580	58	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
Benzo[a]pyrene	160	J	580	85	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
Benzo[b]fluoranthene	220	J	580	91	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
Benzo[g,h,i]perylene	120	J	580	61	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
Benzo[k]fluoranthene	99	J	580	75	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
Bis(2-chloroethoxy)methane	ND		580	120	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
Bis(2-chloroethyl)ether	ND		580	75	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
Bis(2-ethylhexyl) phthalate	ND		580	200	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
Butyl benzyl phthalate	ND		580	95	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
Caprolactam	ND		580	170	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
Carbazole	ND		580	68	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
Chrysene	160	J	580	130	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1

Eurofins Buffalo

Client Sample Results

Client: LLCOA
Project/Site: Sediment Dredging - Lime Lake, NY

Job ID: 480-223834-1

Client Sample ID: Weaver Bay

Lab Sample ID: 480-223834-1

Date Collected: 09/29/24 09:16

Matrix: Solid

Date Received: 09/30/24 10:27

Percent Solids: 29.4

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	ND		580	98	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
Di-n-octyl phthalate	ND		580	68	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
Dibenz(a,h)anthracene	ND		580	100	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
Dibenzofuran	ND		580	68	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
Diethyl phthalate	ND		580	75	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
Dimethyl phthalate	ND		580	68	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
Fluoranthene	300	J	580	61	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
Fluorene	ND		580	68	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
Hexachlorobenzene	ND		580	78	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
Hexachlorobutadiene	ND		580	85	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
Hexachlorocyclopentadiene	ND		580	78	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
Hexachloroethane	ND		580	75	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
Indeno[1,2,3-cd]pyrene	100	J	580	71	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
Isophorone	ND		580	120	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
N-Nitrosodi-n-propylamine	ND		580	98	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
N-Nitrosodiphenylamine	ND		580	470	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
Naphthalene	ND		580	75	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
Nitrobenzene	ND		580	64	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
Pentachlorophenol	ND		1100	580	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
Phenanthrene	160	J	580	85	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
Phenol	ND		580	88	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1
Pyrene	300	J	580	68	ug/Kg	☼	10/01/24 17:21	10/02/24 14:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	95		26 - 143	10/01/24 17:21	10/02/24 14:51	1
2-Fluorobiphenyl	87		50 - 121	10/01/24 17:21	10/02/24 14:51	1
2-Fluorophenol	80		36 - 120	10/01/24 17:21	10/02/24 14:51	1
Nitrobenzene-d5	83		40 - 121	10/01/24 17:21	10/02/24 14:51	1
p-Terphenyl-d14	101		46 - 143	10/01/24 17:21	10/02/24 14:51	1
Phenol-d5	84		41 - 120	10/01/24 17:21	10/02/24 14:51	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		57	11	ug/Kg	☼	10/02/24 09:15	10/03/24 11:30	10
4,4'-DDE	ND		57	12	ug/Kg	☼	10/02/24 09:15	10/03/24 11:30	10
4,4'-DDT	ND		57	13	ug/Kg	☼	10/02/24 09:15	10/03/24 11:30	10
Aldrin	ND		57	14	ug/Kg	☼	10/02/24 09:15	10/03/24 11:30	10
alpha-BHC	ND		57	10	ug/Kg	☼	10/02/24 09:15	10/03/24 11:30	10
cis-Chlordane	ND		57	28	ug/Kg	☼	10/02/24 09:15	10/03/24 11:30	10
beta-BHC	ND		57	10	ug/Kg	☼	10/02/24 09:15	10/03/24 11:30	10
delta-BHC	ND		57	11	ug/Kg	☼	10/02/24 09:15	10/03/24 11:30	10
Dieldrin	ND		57	14	ug/Kg	☼	10/02/24 09:15	10/03/24 11:30	10
Endosulfan I	ND		57	11	ug/Kg	☼	10/02/24 09:15	10/03/24 11:30	10
Endosulfan II	ND		57	10	ug/Kg	☼	10/02/24 09:15	10/03/24 11:30	10
Endosulfan sulfate	ND		57	11	ug/Kg	☼	10/02/24 09:15	10/03/24 11:30	10
Endrin	ND		57	11	ug/Kg	☼	10/02/24 09:15	10/03/24 11:30	10
Endrin aldehyde	ND		57	14	ug/Kg	☼	10/02/24 09:15	10/03/24 11:30	10
Endrin ketone	ND		57	14	ug/Kg	☼	10/02/24 09:15	10/03/24 11:30	10
gamma-BHC (Lindane)	ND		57	10	ug/Kg	☼	10/02/24 09:15	10/03/24 11:30	10
trans-Chlordane	ND		57	18	ug/Kg	☼	10/02/24 09:15	10/03/24 11:30	10

Euromins Buffalo

Client Sample Results

Client: LLCOA
Project/Site: Sediment Dredging - Lime Lake, NY

Job ID: 480-223834-1

Client Sample ID: Weaver Bay

Lab Sample ID: 480-223834-1

Date Collected: 09/29/24 09:16

Matrix: Solid

Date Received: 09/30/24 10:27

Percent Solids: 29.4

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		57	12	ug/Kg	☼	10/02/24 09:15	10/03/24 11:30	10
Heptachlor epoxide	ND		57	15	ug/Kg	☼	10/02/24 09:15	10/03/24 11:30	10
Methoxychlor	ND		57	12	ug/Kg	☼	10/02/24 09:15	10/03/24 11:30	10
Toxaphene	ND		570	330	ug/Kg	☼	10/02/24 09:15	10/03/24 11:30	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	121	S1+	45 - 120	10/02/24 09:15	10/03/24 11:30	10
Tetrachloro-m-xylene	108		30 - 124	10/02/24 09:15	10/03/24 11:30	10

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.75	0.15	mg/Kg	☼	09/30/24 17:02	10/02/24 01:58	1
PCB-1221	ND		0.75	0.15	mg/Kg	☼	09/30/24 17:02	10/02/24 01:58	1
PCB-1232	ND		0.75	0.15	mg/Kg	☼	09/30/24 17:02	10/02/24 01:58	1
PCB-1242	ND		0.75	0.15	mg/Kg	☼	09/30/24 17:02	10/02/24 01:58	1
PCB-1248	ND		0.75	0.15	mg/Kg	☼	09/30/24 17:02	10/02/24 01:58	1
PCB-1254	ND		0.75	0.35	mg/Kg	☼	09/30/24 17:02	10/02/24 01:58	1
PCB-1260	ND		0.75	0.35	mg/Kg	☼	09/30/24 17:02	10/02/24 01:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	106		60 - 154	09/30/24 17:02	10/02/24 01:58	1
DCB Decachlorobiphenyl	120		65 - 174	09/30/24 17:02	10/02/24 01:58	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.4	J	7.2	3.1	mg/Kg	☼	09/30/24 14:02	10/01/24 17:16	1
Barium	161		1.8	0.50	mg/Kg	☼	09/30/24 14:02	10/01/24 17:16	1
Beryllium	0.63	J	0.72	0.14	mg/Kg	☼	09/30/24 14:02	10/01/24 17:16	1
Cadmium	0.83		0.72	0.25	mg/Kg	☼	09/30/24 14:02	10/01/24 17:16	1
Chromium	15.0		1.8	1.3	mg/Kg	☼	09/30/24 14:02	10/01/24 17:16	1
Copper	45.5		3.6	2.0	mg/Kg	☼	09/30/24 14:02	10/01/24 17:16	1
Lead	43.1		3.6	1.6	mg/Kg	☼	09/30/24 14:02	10/01/24 17:16	1
Nickel	14.9	J	17.9	0.89	mg/Kg	☼	09/30/24 14:02	10/01/24 17:16	1
Selenium	ND		14.3	2.9	mg/Kg	☼	09/30/24 14:02	10/01/24 17:16	1
Zinc	134		7.2	3.6	mg/Kg	☼	09/30/24 14:02	10/01/24 17:16	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.095		0.070	0.016	mg/Kg	☼	10/01/24 08:21	10/01/24 09:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		2.9	1.4	mg/Kg	☼	10/02/24 10:05	10/02/24 16:42	1

Client Sample Results

Client: LLCOA
 Project/Site: Sediment Dredging - Lime Lake, NY

Job ID: 480-223834-1

Client Sample ID: Potter Shallows Bay

Lab Sample ID: 480-223834-2

Date Collected: 09/29/24 09:55

Matrix: Solid

Date Received: 09/30/24 10:27

Percent Solids: 33.1

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	15	1.1	ug/Kg	✳	09/30/24 18:09	10/01/24 00:52	1
1,1,2,2-Tetrachloroethane	ND	vs	15	2.4	ug/Kg	✳	09/30/24 18:09	10/01/24 00:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	15	3.4	ug/Kg	✳	09/30/24 18:09	10/01/24 00:52	1
1,1,2-Trichloroethane	ND	vs	15	2.0	ug/Kg	✳	09/30/24 18:09	10/01/24 00:52	1
1,1-Dichloroethane	ND	vs	15	1.8	ug/Kg	✳	09/30/24 18:09	10/01/24 00:52	1
1,1-Dichloroethene	ND	vs	15	1.8	ug/Kg	✳	09/30/24 18:09	10/01/24 00:52	1
1,2,4-Trichlorobenzene	ND	vs	15	0.92	ug/Kg	✳	09/30/24 18:09	10/01/24 00:52	1
1,2-Dibromo-3-Chloropropane	ND	vs	15	7.5	ug/Kg	✳	09/30/24 18:09	10/01/24 00:52	1
1,2-Dichlorobenzene	ND	vs	15	1.2	ug/Kg	✳	09/30/24 18:09	10/01/24 00:52	1
1,2-Dichloroethane	ND	vs	15	0.76	ug/Kg	✳	09/30/24 18:09	10/01/24 00:52	1
1,2-Dichloropropane	ND	vs	15	7.5	ug/Kg	✳	09/30/24 18:09	10/01/24 00:52	1
1,3-Dichlorobenzene	ND	vs	15	0.78	ug/Kg	✳	09/30/24 18:09	10/01/24 00:52	1
1,4-Dichlorobenzene	ND	vs	15	2.1	ug/Kg	✳	09/30/24 18:09	10/01/24 00:52	1
2-Butanone (MEK)	ND	vs	75	5.5	ug/Kg	✳	09/30/24 18:09	10/01/24 00:52	1
2-Hexanone	ND	vs	75	7.5	ug/Kg	✳	09/30/24 18:09	10/01/24 00:52	1
4-Methyl-2-pentanone (MIBK)	ND	vs	75	4.9	ug/Kg	✳	09/30/24 18:09	10/01/24 00:52	1
Acetone	76	vs	75	13	ug/Kg	✳	09/30/24 18:09	10/01/24 00:52	1
Benzene	ND	vs	15	0.74	ug/Kg	✳	09/30/24 18:09	10/01/24 00:52	1
Bromoform	ND	vs	15	7.5	ug/Kg	✳	09/30/24 18:09	10/01/24 00:52	1
Bromomethane	ND	vs	15	1.4	ug/Kg	✳	09/30/24 18:09	10/01/24 00:52	1
Carbon disulfide	ND	vs	15	7.5	ug/Kg	✳	09/30/24 18:09	10/01/24 00:52	1
Carbon tetrachloride	ND	vs	15	1.5	ug/Kg	✳	09/30/24 18:09	10/01/24 00:52	1
Chlorobenzene	ND	vs	15	2.0	ug/Kg	✳	09/30/24 18:09	10/01/24 00:52	1
Dibromochloromethane	ND	vs	15	1.9	ug/Kg	✳	09/30/24 18:09	10/01/24 00:52	1
Chloroethane	ND	vs	15	3.4	ug/Kg	✳	09/30/24 18:09	10/01/24 00:52	1
Chloroform	ND	vs	15	0.93	ug/Kg	✳	09/30/24 18:09	10/01/24 00:52	1
Chloromethane	ND	vs	15	0.91	ug/Kg	✳	09/30/24 18:09	10/01/24 00:52	1
cis-1,2-Dichloroethene	ND	vs	15	1.9	ug/Kg	✳	09/30/24 18:09	10/01/24 00:52	1
Cyclohexane	ND	vs	15	2.1	ug/Kg	✳	09/30/24 18:09	10/01/24 00:52	1
Bromodichloromethane	ND	vs	15	2.0	ug/Kg	✳	09/30/24 18:09	10/01/24 00:52	1
Dichlorodifluoromethane	ND	vs	15	1.2	ug/Kg	✳	09/30/24 18:09	10/01/24 00:52	1
Ethylbenzene	ND	vs	15	1.0	ug/Kg	✳	09/30/24 18:09	10/01/24 00:52	1
1,2-Dibromoethane	ND	vs	15	1.9	ug/Kg	✳	09/30/24 18:09	10/01/24 00:52	1
Isopropylbenzene	ND	vs	15	2.3	ug/Kg	✳	09/30/24 18:09	10/01/24 00:52	1
Methyl acetate	ND	vs	75	9.1	ug/Kg	✳	09/30/24 18:09	10/01/24 00:52	1
Methyl tert-butyl ether	ND	vs	15	1.5	ug/Kg	✳	09/30/24 18:09	10/01/24 00:52	1
Methylcyclohexane	ND	vs	15	2.3	ug/Kg	✳	09/30/24 18:09	10/01/24 00:52	1
Methylene Chloride	ND	vs	15	6.9	ug/Kg	✳	09/30/24 18:09	10/01/24 00:52	1
Tetrachloroethene	ND	vs	15	2.0	ug/Kg	✳	09/30/24 18:09	10/01/24 00:52	1
Toluene	ND	vs	15	1.1	ug/Kg	✳	09/30/24 18:09	10/01/24 00:52	1
trans-1,2-Dichloroethene	ND	vs	15	1.6	ug/Kg	✳	09/30/24 18:09	10/01/24 00:52	1
trans-1,3-Dichloropropene	ND	vs	15	6.6	ug/Kg	✳	09/30/24 18:09	10/01/24 00:52	1
Trichloroethene	ND	vs	15	3.3	ug/Kg	✳	09/30/24 18:09	10/01/24 00:52	1
Trichlorofluoromethane	ND	vs	15	1.4	ug/Kg	✳	09/30/24 18:09	10/01/24 00:52	1
Vinyl chloride	ND	vs	15	1.8	ug/Kg	✳	09/30/24 18:09	10/01/24 00:52	1
Xylenes, Total	ND	vs	30	2.5	ug/Kg	✳	09/30/24 18:09	10/01/24 00:52	1
cis-1,3-Dichloropropene	ND	vs	15	2.2	ug/Kg	✳	09/30/24 18:09	10/01/24 00:52	1
Styrene	ND	vs	15	0.75	ug/Kg	✳	09/30/24 18:09	10/01/24 00:52	1

Client Sample Results

Client: LLCOA
Project/Site: Sediment Dredging - Lime Lake, NY

Job ID: 480-223834-1

Client Sample ID: Potter Shallows Bay

Lab Sample ID: 480-223834-2

Date Collected: 09/29/24 09:55

Matrix: Solid

Date Received: 09/30/24 10:27

Percent Solids: 33.1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		64 - 126	09/30/24 18:09	10/01/24 00:52	1
4-Bromofluorobenzene (Surr)	90		72 - 126	09/30/24 18:09	10/01/24 00:52	1
Toluene-d8 (Surr)	104		71 - 125	09/30/24 18:09	10/01/24 00:52	1
Dibromofluoromethane (Surr)	102		60 - 140	09/30/24 18:09	10/01/24 00:52	1

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		500	74	ug/Kg	☆	10/01/24 17:21	10/02/24 15:19	1
bis (2-chloroisopropyl) ether	ND		500	100	ug/Kg	☆	10/01/24 17:21	10/02/24 15:19	1
2,4,5-Trichlorophenol	ND		500	140	ug/Kg	☆	10/01/24 17:21	10/02/24 15:19	1
2,4,6-Trichlorophenol	ND		500	100	ug/Kg	☆	10/01/24 17:21	10/02/24 15:19	1
2,4-Dichlorophenol	ND		500	53	ug/Kg	☆	10/01/24 17:21	10/02/24 15:19	1
2,4-Dimethylphenol	ND		500	120	ug/Kg	☆	10/01/24 17:21	10/02/24 15:19	1
2,4-Dinitrophenol	ND		4900	2300	ug/Kg	☆	10/01/24 17:21	10/02/24 15:19	1
2,4-Dinitrotoluene	ND		500	100	ug/Kg	☆	10/01/24 17:21	10/02/24 15:19	1
2,6-Dinitrotoluene	ND		500	59	ug/Kg	☆	10/01/24 17:21	10/02/24 15:19	1
2-Chloronaphthalene	ND		500	83	ug/Kg	☆	10/01/24 17:21	10/02/24 15:19	1
2-Chlorophenol	ND		980	92	ug/Kg	☆	10/01/24 17:21	10/02/24 15:19	1
2-Methylnaphthalene	ND		500	100	ug/Kg	☆	10/01/24 17:21	10/02/24 15:19	1
2-Methylphenol	ND		500	59	ug/Kg	☆	10/01/24 17:21	10/02/24 15:19	1
2-Nitroaniline	ND		980	74	ug/Kg	☆	10/01/24 17:21	10/02/24 15:19	1
2-Nitrophenol	ND		500	140	ug/Kg	☆	10/01/24 17:21	10/02/24 15:19	1
3,3'-Dichlorobenzidine	ND		980	590	ug/Kg	☆	10/01/24 17:21	10/02/24 15:19	1
3-Nitroaniline	ND		980	140	ug/Kg	☆	10/01/24 17:21	10/02/24 15:19	1
4,6-Dinitro-2-methylphenol	ND		980	500	ug/Kg	☆	10/01/24 17:21	10/02/24 15:19	1
4-Bromophenyl phenyl ether	ND		500	71	ug/Kg	☆	10/01/24 17:21	10/02/24 15:19	1
4-Chloro-3-methylphenol	ND		500	120	ug/Kg	☆	10/01/24 17:21	10/02/24 15:19	1
4-Chloroaniline	ND		500	120	ug/Kg	☆	10/01/24 17:21	10/02/24 15:19	1
4-Chlorophenyl phenyl ether	ND		500	62	ug/Kg	☆	10/01/24 17:21	10/02/24 15:19	1
4-Methylphenol	ND		980	59	ug/Kg	☆	10/01/24 17:21	10/02/24 15:19	1
4-Nitroaniline	ND		980	260	ug/Kg	☆	10/01/24 17:21	10/02/24 15:19	1
4-Nitrophenol	ND		980	350	ug/Kg	☆	10/01/24 17:21	10/02/24 15:19	1
Acenaphthene	ND		500	74	ug/Kg	☆	10/01/24 17:21	10/02/24 15:19	1
Acenaphthylene	ND		500	65	ug/Kg	☆	10/01/24 17:21	10/02/24 15:19	1
Acetophenone	ND		500	68	ug/Kg	☆	10/01/24 17:21	10/02/24 15:19	1
Anthracene	ND		500	120	ug/Kg	☆	10/01/24 17:21	10/02/24 15:19	1
Atrazine	ND		500	180	ug/Kg	☆	10/01/24 17:21	10/02/24 15:19	1
Benzaldehyde	ND		500	400	ug/Kg	☆	10/01/24 17:21	10/02/24 15:19	1
Benzo[a]anthracene	120	J	500	50	ug/Kg	☆	10/01/24 17:21	10/02/24 15:19	1
Benzo[a]pyrene	140	J	500	74	ug/Kg	☆	10/01/24 17:21	10/02/24 15:19	1
Benzo[b]fluoranthene	190	J	500	80	ug/Kg	☆	10/01/24 17:21	10/02/24 15:19	1
Benzo[g,h,i]perylene	100	J	500	53	ug/Kg	☆	10/01/24 17:21	10/02/24 15:19	1
Benzo[k]fluoranthene	73	J	500	65	ug/Kg	☆	10/01/24 17:21	10/02/24 15:19	1
Bis(2-chloroethoxy)methane	ND		500	110	ug/Kg	☆	10/01/24 17:21	10/02/24 15:19	1
Bis(2-chloroethyl)ether	ND		500	65	ug/Kg	☆	10/01/24 17:21	10/02/24 15:19	1
Bis(2-ethylhexyl) phthalate	ND		500	170	ug/Kg	☆	10/01/24 17:21	10/02/24 15:19	1
Butyl benzyl phthalate	ND		500	83	ug/Kg	☆	10/01/24 17:21	10/02/24 15:19	1
Caprolactam	ND		500	150	ug/Kg	☆	10/01/24 17:21	10/02/24 15:19	1
Carbazole	ND		500	59	ug/Kg	☆	10/01/24 17:21	10/02/24 15:19	1
Chrysene	140	J	500	110	ug/Kg	☆	10/01/24 17:21	10/02/24 15:19	1

Eurofins Buffalo

Client Sample Results

Client: LLCOA
Project/Site: Sediment Dredging - Lime Lake, NY

Job ID: 480-223834-1

Client Sample ID: Potter Shallows Bay

Lab Sample ID: 480-223834-2

Date Collected: 09/29/24 09:55

Matrix: Solid

Date Received: 09/30/24 10:27

Percent Solids: 33.1

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	ND		500	86	ug/Kg	☼	10/01/24 17:21	10/02/24 15:19	1
Di-n-octyl phthalate	ND		500	59	ug/Kg	☼	10/01/24 17:21	10/02/24 15:19	1
Dibenz(a,h)anthracene	ND		500	89	ug/Kg	☼	10/01/24 17:21	10/02/24 15:19	1
Dibenzofuran	ND		500	59	ug/Kg	☼	10/01/24 17:21	10/02/24 15:19	1
Diethyl phthalate	ND		500	65	ug/Kg	☼	10/01/24 17:21	10/02/24 15:19	1
Dimethyl phthalate	ND		500	59	ug/Kg	☼	10/01/24 17:21	10/02/24 15:19	1
Fluoranthene	190	J	500	53	ug/Kg	☼	10/01/24 17:21	10/02/24 15:19	1
Fluorene	ND		500	59	ug/Kg	☼	10/01/24 17:21	10/02/24 15:19	1
Hexachlorobenzene	ND		500	68	ug/Kg	☼	10/01/24 17:21	10/02/24 15:19	1
Hexachlorobutadiene	ND		500	74	ug/Kg	☼	10/01/24 17:21	10/02/24 15:19	1
Hexachlorocyclopentadiene	ND		500	68	ug/Kg	☼	10/01/24 17:21	10/02/24 15:19	1
Hexachloroethane	ND		500	65	ug/Kg	☼	10/01/24 17:21	10/02/24 15:19	1
Indeno[1,2,3-cd]pyrene	93	J	500	62	ug/Kg	☼	10/01/24 17:21	10/02/24 15:19	1
Isophorone	ND		500	110	ug/Kg	☼	10/01/24 17:21	10/02/24 15:19	1
N-Nitrosodi-n-propylamine	ND		500	86	ug/Kg	☼	10/01/24 17:21	10/02/24 15:19	1
N-Nitrosodiphenylamine	ND		500	410	ug/Kg	☼	10/01/24 17:21	10/02/24 15:19	1
Naphthalene	ND		500	65	ug/Kg	☼	10/01/24 17:21	10/02/24 15:19	1
Nitrobenzene	ND		500	56	ug/Kg	☼	10/01/24 17:21	10/02/24 15:19	1
Pentachlorophenol	ND		980	500	ug/Kg	☼	10/01/24 17:21	10/02/24 15:19	1
Phenanthrene	90	J	500	74	ug/Kg	☼	10/01/24 17:21	10/02/24 15:19	1
Phenol	ND		500	77	ug/Kg	☼	10/01/24 17:21	10/02/24 15:19	1
Pyrene	170	J	500	59	ug/Kg	☼	10/01/24 17:21	10/02/24 15:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	102		26 - 143	10/01/24 17:21	10/02/24 15:19	1
2-Fluorobiphenyl	84		50 - 121	10/01/24 17:21	10/02/24 15:19	1
2-Fluorophenol	79		36 - 120	10/01/24 17:21	10/02/24 15:19	1
Nitrobenzene-d5	81		40 - 121	10/01/24 17:21	10/02/24 15:19	1
p-Terphenyl-d14	97		46 - 143	10/01/24 17:21	10/02/24 15:19	1
Phenol-d5	86		41 - 120	10/01/24 17:21	10/02/24 15:19	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		50	9.7	ug/Kg	☼	10/02/24 09:15	10/03/24 11:50	10
4,4'-DDE	ND		50	10	ug/Kg	☼	10/02/24 09:15	10/03/24 11:50	10
4,4'-DDT	ND		50	12	ug/Kg	☼	10/02/24 09:15	10/03/24 11:50	10
Aldrin	ND		50	12	ug/Kg	☼	10/02/24 09:15	10/03/24 11:50	10
alpha-BHC	13	J	50	9.0	ug/Kg	☼	10/02/24 09:15	10/03/24 11:50	10
cis-Chlordane	ND		50	25	ug/Kg	☼	10/02/24 09:15	10/03/24 11:50	10
beta-BHC	ND		50	9.0	ug/Kg	☼	10/02/24 09:15	10/03/24 11:50	10
delta-BHC	ND		50	9.3	ug/Kg	☼	10/02/24 09:15	10/03/24 11:50	10
Dieldrin	ND		50	12	ug/Kg	☼	10/02/24 09:15	10/03/24 11:50	10
Endosulfan I	ND		50	9.6	ug/Kg	☼	10/02/24 09:15	10/03/24 11:50	10
Endosulfan II	ND		50	9.0	ug/Kg	☼	10/02/24 09:15	10/03/24 11:50	10
Endosulfan sulfate	ND		50	9.3	ug/Kg	☼	10/02/24 09:15	10/03/24 11:50	10
Endrin	ND		50	9.9	ug/Kg	☼	10/02/24 09:15	10/03/24 11:50	10
Endrin aldehyde	ND		50	13	ug/Kg	☼	10/02/24 09:15	10/03/24 11:50	10
Endrin ketone	ND		50	12	ug/Kg	☼	10/02/24 09:15	10/03/24 11:50	10
gamma-BHC (Lindane)	ND		50	9.2	ug/Kg	☼	10/02/24 09:15	10/03/24 11:50	10
trans-Chlordane	ND		50	16	ug/Kg	☼	10/02/24 09:15	10/03/24 11:50	10

Euromins Buffalo

Client Sample Results

Client: LLCOA
Project/Site: Sediment Dredging - Lime Lake, NY

Job ID: 480-223834-1

Client Sample ID: Potter Shallows Bay

Lab Sample ID: 480-223834-2

Date Collected: 09/29/24 09:55

Matrix: Solid

Date Received: 09/30/24 10:27

Percent Solids: 33.1

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		50	11	ug/Kg	☼	10/02/24 09:15	10/03/24 11:50	10
Heptachlor epoxide	ND		50	13	ug/Kg	☼	10/02/24 09:15	10/03/24 11:50	10
Methoxychlor	ND		50	10	ug/Kg	☼	10/02/24 09:15	10/03/24 11:50	10
Toxaphene	ND		500	290	ug/Kg	☼	10/02/24 09:15	10/03/24 11:50	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	130	S1+	45 - 120	10/02/24 09:15	10/03/24 11:50	10
Tetrachloro-m-xylene	115		30 - 124	10/02/24 09:15	10/03/24 11:50	10

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.64	0.12	mg/Kg	☼	09/30/24 17:02	10/02/24 02:16	1
PCB-1221	ND		0.64	0.12	mg/Kg	☼	09/30/24 17:02	10/02/24 02:16	1
PCB-1232	ND		0.64	0.12	mg/Kg	☼	09/30/24 17:02	10/02/24 02:16	1
PCB-1242	ND		0.64	0.12	mg/Kg	☼	09/30/24 17:02	10/02/24 02:16	1
PCB-1248	ND		0.64	0.12	mg/Kg	☼	09/30/24 17:02	10/02/24 02:16	1
PCB-1254	ND		0.64	0.30	mg/Kg	☼	09/30/24 17:02	10/02/24 02:16	1
PCB-1260	ND		0.64	0.30	mg/Kg	☼	09/30/24 17:02	10/02/24 02:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	105		60 - 154	09/30/24 17:02	10/02/24 02:16	1
DCB Decachlorobiphenyl	126		65 - 174	09/30/24 17:02	10/02/24 02:16	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.6	J	6.3	2.8	mg/Kg	☼	09/30/24 14:02	10/01/24 17:18	1
Barium	142		1.6	0.44	mg/Kg	☼	09/30/24 14:02	10/01/24 17:18	1
Beryllium	0.37	J	0.63	0.13	mg/Kg	☼	09/30/24 14:02	10/01/24 17:18	1
Cadmium	0.59	J	0.63	0.22	mg/Kg	☼	09/30/24 14:02	10/01/24 17:18	1
Chromium	8.8		1.6	1.1	mg/Kg	☼	09/30/24 14:02	10/01/24 17:18	1
Copper	36.1		3.2	1.8	mg/Kg	☼	09/30/24 14:02	10/01/24 17:18	1
Lead	22.7		3.2	1.5	mg/Kg	☼	09/30/24 14:02	10/01/24 17:18	1
Nickel	8.5	J	15.9	0.79	mg/Kg	☼	09/30/24 14:02	10/01/24 17:18	1
Selenium	ND		12.7	2.5	mg/Kg	☼	09/30/24 14:02	10/01/24 17:18	1
Zinc	82.0		6.3	3.2	mg/Kg	☼	09/30/24 14:02	10/01/24 17:18	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.049	J	0.059	0.013	mg/Kg	☼	10/01/24 08:21	10/01/24 09:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		2.8	1.4	mg/Kg	☼	10/02/24 10:05	10/02/24 16:44	1

Client Sample Results

Client: LLCOA
 Project/Site: Sediment Dredging - Lime Lake, NY

Job ID: 480-223834-1

Client Sample ID: Inlet Small Bay

Lab Sample ID: 480-223834-3

Date Collected: 09/29/24 11:30

Matrix: Solid

Date Received: 09/30/24 10:27

Percent Solids: 33.4

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	15	1.1	ug/Kg	✳	09/30/24 18:09	10/01/24 01:16	1
1,1,2,2-Tetrachloroethane	ND	vs	15	2.4	ug/Kg	✳	09/30/24 18:09	10/01/24 01:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	15	3.4	ug/Kg	✳	09/30/24 18:09	10/01/24 01:16	1
1,1,2-Trichloroethane	ND	vs	15	1.9	ug/Kg	✳	09/30/24 18:09	10/01/24 01:16	1
1,1-Dichloroethane	ND	vs	15	1.8	ug/Kg	✳	09/30/24 18:09	10/01/24 01:16	1
1,1-Dichloroethene	ND	vs	15	1.8	ug/Kg	✳	09/30/24 18:09	10/01/24 01:16	1
1,2,4-Trichlorobenzene	ND	vs	15	0.90	ug/Kg	✳	09/30/24 18:09	10/01/24 01:16	1
1,2-Dibromo-3-Chloropropane	ND	vs	15	7.4	ug/Kg	✳	09/30/24 18:09	10/01/24 01:16	1
1,2-Dichlorobenzene	ND	vs	15	1.2	ug/Kg	✳	09/30/24 18:09	10/01/24 01:16	1
1,2-Dichloroethane	ND	vs	15	0.74	ug/Kg	✳	09/30/24 18:09	10/01/24 01:16	1
1,2-Dichloropropane	ND	vs	15	7.4	ug/Kg	✳	09/30/24 18:09	10/01/24 01:16	1
1,3-Dichlorobenzene	ND	vs	15	0.76	ug/Kg	✳	09/30/24 18:09	10/01/24 01:16	1
1,4-Dichlorobenzene	ND	vs	15	2.1	ug/Kg	✳	09/30/24 18:09	10/01/24 01:16	1
2-Butanone (MEK)	ND	vs	74	5.4	ug/Kg	✳	09/30/24 18:09	10/01/24 01:16	1
2-Hexanone	ND	vs	74	7.4	ug/Kg	✳	09/30/24 18:09	10/01/24 01:16	1
4-Methyl-2-pentanone (MIBK)	ND	vs	74	4.8	ug/Kg	✳	09/30/24 18:09	10/01/24 01:16	1
Acetone	15	J vs	74	12	ug/Kg	✳	09/30/24 18:09	10/01/24 01:16	1
Benzene	ND	vs	15	0.72	ug/Kg	✳	09/30/24 18:09	10/01/24 01:16	1
Bromoform	ND	vs	15	7.4	ug/Kg	✳	09/30/24 18:09	10/01/24 01:16	1
Bromomethane	ND	vs	15	1.3	ug/Kg	✳	09/30/24 18:09	10/01/24 01:16	1
Carbon disulfide	ND	vs	15	7.4	ug/Kg	✳	09/30/24 18:09	10/01/24 01:16	1
Carbon tetrachloride	ND	vs	15	1.4	ug/Kg	✳	09/30/24 18:09	10/01/24 01:16	1
Chlorobenzene	ND	vs	15	2.0	ug/Kg	✳	09/30/24 18:09	10/01/24 01:16	1
Dibromochloromethane	ND	vs	15	1.9	ug/Kg	✳	09/30/24 18:09	10/01/24 01:16	1
Chloroethane	ND	vs	15	3.3	ug/Kg	✳	09/30/24 18:09	10/01/24 01:16	1
Chloroform	ND	vs	15	0.91	ug/Kg	✳	09/30/24 18:09	10/01/24 01:16	1
Chloromethane	ND	vs	15	0.89	ug/Kg	✳	09/30/24 18:09	10/01/24 01:16	1
cis-1,2-Dichloroethene	ND	vs	15	1.9	ug/Kg	✳	09/30/24 18:09	10/01/24 01:16	1
Cyclohexane	ND	vs	15	2.1	ug/Kg	✳	09/30/24 18:09	10/01/24 01:16	1
Bromodichloromethane	ND	vs	15	2.0	ug/Kg	✳	09/30/24 18:09	10/01/24 01:16	1
Dichlorodifluoromethane	ND	vs	15	1.2	ug/Kg	✳	09/30/24 18:09	10/01/24 01:16	1
Ethylbenzene	ND	vs	15	1.0	ug/Kg	✳	09/30/24 18:09	10/01/24 01:16	1
1,2-Dibromoethane	ND	vs	15	1.9	ug/Kg	✳	09/30/24 18:09	10/01/24 01:16	1
Isopropylbenzene	ND	vs	15	2.2	ug/Kg	✳	09/30/24 18:09	10/01/24 01:16	1
Methyl acetate	ND	vs	74	8.9	ug/Kg	✳	09/30/24 18:09	10/01/24 01:16	1
Methyl tert-butyl ether	ND	vs	15	1.5	ug/Kg	✳	09/30/24 18:09	10/01/24 01:16	1
Methylcyclohexane	ND	vs	15	2.2	ug/Kg	✳	09/30/24 18:09	10/01/24 01:16	1
Methylene Chloride	ND	vs	15	6.8	ug/Kg	✳	09/30/24 18:09	10/01/24 01:16	1
Tetrachloroethene	ND	vs	15	2.0	ug/Kg	✳	09/30/24 18:09	10/01/24 01:16	1
Toluene	ND	vs	15	1.1	ug/Kg	✳	09/30/24 18:09	10/01/24 01:16	1
trans-1,2-Dichloroethene	ND	vs	15	1.5	ug/Kg	✳	09/30/24 18:09	10/01/24 01:16	1
trans-1,3-Dichloropropene	ND	vs	15	6.5	ug/Kg	✳	09/30/24 18:09	10/01/24 01:16	1
Trichloroethene	ND	vs	15	3.3	ug/Kg	✳	09/30/24 18:09	10/01/24 01:16	1
Trichlorofluoromethane	ND	vs	15	1.4	ug/Kg	✳	09/30/24 18:09	10/01/24 01:16	1
Vinyl chloride	ND	vs	15	1.8	ug/Kg	✳	09/30/24 18:09	10/01/24 01:16	1
Xylenes, Total	ND	vs	30	2.5	ug/Kg	✳	09/30/24 18:09	10/01/24 01:16	1
cis-1,3-Dichloropropene	ND	vs	15	2.1	ug/Kg	✳	09/30/24 18:09	10/01/24 01:16	1
Styrene	ND	vs	15	0.74	ug/Kg	✳	09/30/24 18:09	10/01/24 01:16	1

Client Sample Results

Client: LLCOA
Project/Site: Sediment Dredging - Lime Lake, NY

Job ID: 480-223834-1

Client Sample ID: Inlet Small Bay

Lab Sample ID: 480-223834-3

Date Collected: 09/29/24 11:30

Matrix: Solid

Date Received: 09/30/24 10:27

Percent Solids: 33.4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		64 - 126	09/30/24 18:09	10/01/24 01:16	1
4-Bromofluorobenzene (Surr)	90		72 - 126	09/30/24 18:09	10/01/24 01:16	1
Toluene-d8 (Surr)	100		71 - 125	09/30/24 18:09	10/01/24 01:16	1
Dibromofluoromethane (Surr)	104		60 - 140	09/30/24 18:09	10/01/24 01:16	1

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		500	73	ug/Kg	☆	10/01/24 17:21	10/02/24 15:48	1
bis (2-chloroisopropyl) ether	ND		500	99	ug/Kg	☆	10/01/24 17:21	10/02/24 15:48	1
2,4,5-Trichlorophenol	ND		500	130	ug/Kg	☆	10/01/24 17:21	10/02/24 15:48	1
2,4,6-Trichlorophenol	ND		500	99	ug/Kg	☆	10/01/24 17:21	10/02/24 15:48	1
2,4-Dichlorophenol	ND		500	53	ug/Kg	☆	10/01/24 17:21	10/02/24 15:48	1
2,4-Dimethylphenol	ND		500	120	ug/Kg	☆	10/01/24 17:21	10/02/24 15:48	1
2,4-Dinitrophenol	ND		4800	2300	ug/Kg	☆	10/01/24 17:21	10/02/24 15:48	1
2,4-Dinitrotoluene	ND		500	100	ug/Kg	☆	10/01/24 17:21	10/02/24 15:48	1
2,6-Dinitrotoluene	ND		500	58	ug/Kg	☆	10/01/24 17:21	10/02/24 15:48	1
2-Chloronaphthalene	ND		500	82	ug/Kg	☆	10/01/24 17:21	10/02/24 15:48	1
2-Chlorophenol	ND		960	90	ug/Kg	☆	10/01/24 17:21	10/02/24 15:48	1
2-Methylnaphthalene	ND		500	99	ug/Kg	☆	10/01/24 17:21	10/02/24 15:48	1
2-Methylphenol	ND		500	58	ug/Kg	☆	10/01/24 17:21	10/02/24 15:48	1
2-Nitroaniline	ND		960	73	ug/Kg	☆	10/01/24 17:21	10/02/24 15:48	1
2-Nitrophenol	ND		500	140	ug/Kg	☆	10/01/24 17:21	10/02/24 15:48	1
3,3'-Dichlorobenzidine	ND		960	580	ug/Kg	☆	10/01/24 17:21	10/02/24 15:48	1
3-Nitroaniline	ND		960	140	ug/Kg	☆	10/01/24 17:21	10/02/24 15:48	1
4,6-Dinitro-2-methylphenol	ND		960	500	ug/Kg	☆	10/01/24 17:21	10/02/24 15:48	1
4-Bromophenyl phenyl ether	ND		500	70	ug/Kg	☆	10/01/24 17:21	10/02/24 15:48	1
4-Chloro-3-methylphenol	ND		500	120	ug/Kg	☆	10/01/24 17:21	10/02/24 15:48	1
4-Chloroaniline	ND		500	120	ug/Kg	☆	10/01/24 17:21	10/02/24 15:48	1
4-Chlorophenyl phenyl ether	ND		500	61	ug/Kg	☆	10/01/24 17:21	10/02/24 15:48	1
4-Methylphenol	ND		960	58	ug/Kg	☆	10/01/24 17:21	10/02/24 15:48	1
4-Nitroaniline	ND		960	260	ug/Kg	☆	10/01/24 17:21	10/02/24 15:48	1
4-Nitrophenol	ND		960	350	ug/Kg	☆	10/01/24 17:21	10/02/24 15:48	1
Acenaphthene	ND		500	73	ug/Kg	☆	10/01/24 17:21	10/02/24 15:48	1
Acenaphthylene	ND		500	64	ug/Kg	☆	10/01/24 17:21	10/02/24 15:48	1
Acetophenone	ND		500	67	ug/Kg	☆	10/01/24 17:21	10/02/24 15:48	1
Anthracene	ND		500	120	ug/Kg	☆	10/01/24 17:21	10/02/24 15:48	1
Atrazine	ND		500	170	ug/Kg	☆	10/01/24 17:21	10/02/24 15:48	1
Benzaldehyde	ND		500	390	ug/Kg	☆	10/01/24 17:21	10/02/24 15:48	1
Benzo[a]anthracene	150	J	500	50	ug/Kg	☆	10/01/24 17:21	10/02/24 15:48	1
Benzo[a]pyrene	180	J	500	73	ug/Kg	☆	10/01/24 17:21	10/02/24 15:48	1
Benzo[b]fluoranthene	250	J	500	79	ug/Kg	☆	10/01/24 17:21	10/02/24 15:48	1
Benzo[g,h,i]perylene	120	J	500	53	ug/Kg	☆	10/01/24 17:21	10/02/24 15:48	1
Benzo[k]fluoranthene	96	J	500	64	ug/Kg	☆	10/01/24 17:21	10/02/24 15:48	1
Bis(2-chloroethoxy)methane	ND		500	110	ug/Kg	☆	10/01/24 17:21	10/02/24 15:48	1
Bis(2-chloroethyl)ether	ND		500	64	ug/Kg	☆	10/01/24 17:21	10/02/24 15:48	1
Bis(2-ethylhexyl) phthalate	ND		500	170	ug/Kg	☆	10/01/24 17:21	10/02/24 15:48	1
Butyl benzyl phthalate	ND		500	82	ug/Kg	☆	10/01/24 17:21	10/02/24 15:48	1
Caprolactam	ND		500	150	ug/Kg	☆	10/01/24 17:21	10/02/24 15:48	1
Carbazole	ND		500	58	ug/Kg	☆	10/01/24 17:21	10/02/24 15:48	1
Chrysene	200	J	500	110	ug/Kg	☆	10/01/24 17:21	10/02/24 15:48	1

Eurofins Buffalo

Client Sample Results

Client: LLCOA
Project/Site: Sediment Dredging - Lime Lake, NY

Job ID: 480-223834-1

Client Sample ID: Inlet Small Bay

Lab Sample ID: 480-223834-3

Date Collected: 09/29/24 11:30

Matrix: Solid

Date Received: 09/30/24 10:27

Percent Solids: 33.4

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	ND		500	85	ug/Kg	☼	10/01/24 17:21	10/02/24 15:48	1
Di-n-octyl phthalate	ND		500	58	ug/Kg	☼	10/01/24 17:21	10/02/24 15:48	1
Dibenz(a,h)anthracene	ND		500	88	ug/Kg	☼	10/01/24 17:21	10/02/24 15:48	1
Dibenzofuran	ND		500	58	ug/Kg	☼	10/01/24 17:21	10/02/24 15:48	1
Diethyl phthalate	ND		500	64	ug/Kg	☼	10/01/24 17:21	10/02/24 15:48	1
Dimethyl phthalate	ND		500	58	ug/Kg	☼	10/01/24 17:21	10/02/24 15:48	1
Fluoranthene	430	J	500	53	ug/Kg	☼	10/01/24 17:21	10/02/24 15:48	1
Fluorene	ND		500	58	ug/Kg	☼	10/01/24 17:21	10/02/24 15:48	1
Hexachlorobenzene	ND		500	67	ug/Kg	☼	10/01/24 17:21	10/02/24 15:48	1
Hexachlorobutadiene	ND		500	73	ug/Kg	☼	10/01/24 17:21	10/02/24 15:48	1
Hexachlorocyclopentadiene	ND		500	67	ug/Kg	☼	10/01/24 17:21	10/02/24 15:48	1
Hexachloroethane	ND		500	64	ug/Kg	☼	10/01/24 17:21	10/02/24 15:48	1
Indeno[1,2,3-cd]pyrene	120	J	500	61	ug/Kg	☼	10/01/24 17:21	10/02/24 15:48	1
Isophorone	ND		500	110	ug/Kg	☼	10/01/24 17:21	10/02/24 15:48	1
N-Nitrosodi-n-propylamine	ND		500	85	ug/Kg	☼	10/01/24 17:21	10/02/24 15:48	1
N-Nitrosodiphenylamine	ND		500	400	ug/Kg	☼	10/01/24 17:21	10/02/24 15:48	1
Naphthalene	ND		500	64	ug/Kg	☼	10/01/24 17:21	10/02/24 15:48	1
Nitrobenzene	ND		500	55	ug/Kg	☼	10/01/24 17:21	10/02/24 15:48	1
Pentachlorophenol	ND		960	500	ug/Kg	☼	10/01/24 17:21	10/02/24 15:48	1
Phenanthrene	250	J	500	73	ug/Kg	☼	10/01/24 17:21	10/02/24 15:48	1
Phenol	ND		500	76	ug/Kg	☼	10/01/24 17:21	10/02/24 15:48	1
Pyrene	340	J	500	58	ug/Kg	☼	10/01/24 17:21	10/02/24 15:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	80		26 - 143	10/01/24 17:21	10/02/24 15:48	1
2-Fluorobiphenyl	73		50 - 121	10/01/24 17:21	10/02/24 15:48	1
2-Fluorophenol	68		36 - 120	10/01/24 17:21	10/02/24 15:48	1
Nitrobenzene-d5	72		40 - 121	10/01/24 17:21	10/02/24 15:48	1
p-Terphenyl-d14	78		46 - 143	10/01/24 17:21	10/02/24 15:48	1
Phenol-d5	70		41 - 120	10/01/24 17:21	10/02/24 15:48	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		50	9.7	ug/Kg	☼	10/02/24 09:15	10/03/24 12:09	10
4,4'-DDE	ND		50	10	ug/Kg	☼	10/02/24 09:15	10/03/24 12:09	10
4,4'-DDT	ND		50	12	ug/Kg	☼	10/02/24 09:15	10/03/24 12:09	10
Aldrin	ND		50	12	ug/Kg	☼	10/02/24 09:15	10/03/24 12:09	10
alpha-BHC	10	J	50	9.0	ug/Kg	☼	10/02/24 09:15	10/03/24 12:09	10
cis-Chlordane	ND		50	25	ug/Kg	☼	10/02/24 09:15	10/03/24 12:09	10
beta-BHC	ND		50	9.0	ug/Kg	☼	10/02/24 09:15	10/03/24 12:09	10
delta-BHC	ND		50	9.3	ug/Kg	☼	10/02/24 09:15	10/03/24 12:09	10
Dieldrin	ND		50	12	ug/Kg	☼	10/02/24 09:15	10/03/24 12:09	10
Endosulfan I	ND		50	9.6	ug/Kg	☼	10/02/24 09:15	10/03/24 12:09	10
Endosulfan II	ND		50	9.0	ug/Kg	☼	10/02/24 09:15	10/03/24 12:09	10
Endosulfan sulfate	ND		50	9.3	ug/Kg	☼	10/02/24 09:15	10/03/24 12:09	10
Endrin	ND		50	9.9	ug/Kg	☼	10/02/24 09:15	10/03/24 12:09	10
Endrin aldehyde	ND		50	13	ug/Kg	☼	10/02/24 09:15	10/03/24 12:09	10
Endrin ketone	ND		50	12	ug/Kg	☼	10/02/24 09:15	10/03/24 12:09	10
gamma-BHC (Lindane)	ND		50	9.1	ug/Kg	☼	10/02/24 09:15	10/03/24 12:09	10
trans-Chlordane	ND		50	16	ug/Kg	☼	10/02/24 09:15	10/03/24 12:09	10

Eurofins Buffalo

Client Sample Results

Client: LLCOA
Project/Site: Sediment Dredging - Lime Lake, NY

Job ID: 480-223834-1

Client Sample ID: Inlet Small Bay

Lab Sample ID: 480-223834-3

Date Collected: 09/29/24 11:30

Matrix: Solid

Date Received: 09/30/24 10:27

Percent Solids: 33.4

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	ND		50	11	ug/Kg	☼	10/02/24 09:15	10/03/24 12:09	10
Heptachlor epoxide	ND		50	13	ug/Kg	☼	10/02/24 09:15	10/03/24 12:09	10
Methoxychlor	ND		50	10	ug/Kg	☼	10/02/24 09:15	10/03/24 12:09	10
Toxaphene	ND		500	290	ug/Kg	☼	10/02/24 09:15	10/03/24 12:09	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	162	S1+	45 - 120				10/02/24 09:15	10/03/24 12:09	10
Tetrachloro-m-xylene	106		30 - 124				10/02/24 09:15	10/03/24 12:09	10

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.67	0.13	mg/Kg	☼	09/30/24 17:02	10/02/24 02:34	1
PCB-1221	ND		0.67	0.13	mg/Kg	☼	09/30/24 17:02	10/02/24 02:34	1
PCB-1232	ND		0.67	0.13	mg/Kg	☼	09/30/24 17:02	10/02/24 02:34	1
PCB-1242	ND		0.67	0.13	mg/Kg	☼	09/30/24 17:02	10/02/24 02:34	1
PCB-1248	ND		0.67	0.13	mg/Kg	☼	09/30/24 17:02	10/02/24 02:34	1
PCB-1254	ND		0.67	0.31	mg/Kg	☼	09/30/24 17:02	10/02/24 02:34	1
PCB-1260	ND		0.67	0.31	mg/Kg	☼	09/30/24 17:02	10/02/24 02:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	97		60 - 154				09/30/24 17:02	10/02/24 02:34	1
DCB Decachlorobiphenyl	112		65 - 174				09/30/24 17:02	10/02/24 02:34	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		5.8	2.6	mg/Kg	☼	09/30/24 14:02	10/01/24 17:25	1
Barium	136		1.5	0.41	mg/Kg	☼	09/30/24 14:02	10/01/24 17:25	1
Beryllium	0.21	J	0.58	0.12	mg/Kg	☼	09/30/24 14:02	10/01/24 17:25	1
Cadmium	0.54	J	0.58	0.20	mg/Kg	☼	09/30/24 14:02	10/01/24 17:25	1
Chromium	10.7		1.5	1.1	mg/Kg	☼	09/30/24 14:02	10/01/24 17:25	1
Copper	16.7		2.9	1.7	mg/Kg	☼	09/30/24 14:02	10/01/24 17:25	1
Lead	38.3		2.9	1.3	mg/Kg	☼	09/30/24 14:02	10/01/24 17:25	1
Nickel	6.0	J	14.6	0.73	mg/Kg	☼	09/30/24 14:02	10/01/24 17:25	1
Selenium	ND		11.7	2.3	mg/Kg	☼	09/30/24 14:02	10/01/24 17:25	1
Zinc	74.3		5.8	3.0	mg/Kg	☼	09/30/24 14:02	10/01/24 17:25	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.031	J	0.059	0.014	mg/Kg	☼	10/01/24 08:21	10/01/24 09:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		2.5	1.2	mg/Kg	☼	10/02/24 10:05	10/02/24 16:46	1

Surrogate Summary

Client: LLCOA
 Project/Site: Sediment Dredging - Lime Lake, NY

Job ID: 480-223834-1

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (64-126)	BFB (72-126)	TOL (71-125)	DBFM (60-140)
480-223834-1	Weaver Bay	112	85	103	103
480-223834-2	Potter Shallows Bay	110	90	104	102
480-223834-3	Inlet Small Bay	107	90	100	104
LCS 480-726661/1-A	Lab Control Sample	103	92	100	100
MB 480-726661/2-A	Method Blank	101	92	102	100

Surrogate Legend
 DCA = 1,2-Dichloroethane-d4 (Surr)
 BFB = 4-Bromofluorobenzene (Surr)
 TOL = Toluene-d8 (Surr)
 DBFM = Dibromofluoromethane (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (26-143)	FBP (50-121)	2FP (36-120)	NBZ (40-121)	TPHd14 (46-143)	PHL (41-120)
480-223834-1	Weaver Bay	95	87	80	83	101	84
480-223834-2	Potter Shallows Bay	102	84	79	81	97	86
480-223834-3	Inlet Small Bay	80	73	68	72	78	70
LCS 480-726776/2-A	Lab Control Sample	102	86	80	82	99	86
MB 480-726776/1-A	Method Blank	89	81	79	82	95	82

Surrogate Legend
 TBP = 2,4,6-Tribromophenol
 FBP = 2-Fluorobiphenyl
 2FP = 2-Fluorophenol
 NBZ = Nitrobenzene-d5
 TPHd14 = p-Terphenyl-d14
 PHL = Phenol-d5

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCBP1 (45-120)	TCX1 (30-124)
480-223834-1	Weaver Bay	121 S1+	108
480-223834-2	Potter Shallows Bay	130 S1+	115
480-223834-3	Inlet Small Bay	162 S1+	106
LCS 480-726832/2-A	Lab Control Sample	96	78
MB 480-726832/1-A	Method Blank	92	69

Surrogate Legend
 DCBP = DCB Decachlorobiphenyl
 TCX = Tetrachloro-m-xylene

Surrogate Summary

Client: LLCOA

Job ID: 480-223834-1

Project/Site: Sediment Dredging - Lime Lake, NY

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX2 (60-154)	DCBP2 (65-174)
480-223834-1	Weaver Bay	106	120
480-223834-2	Potter Shallows Bay	105	126
480-223834-3	Inlet Small Bay	97	112
LCS 480-726655/2-A	Lab Control Sample	122	146
MB 480-726655/1-A	Method Blank	106	124

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

QC Sample Results

Client: LLCOA
 Project/Site: Sediment Dredging - Lime Lake, NY

Job ID: 480-223834-1

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

Lab Sample ID: MB 480-726661/2-A
Matrix: Solid
Analysis Batch: 726662

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 726661

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg		09/30/24 18:09	09/30/24 21:41	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg		09/30/24 18:09	09/30/24 21:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg		09/30/24 18:09	09/30/24 21:41	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg		09/30/24 18:09	09/30/24 21:41	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg		09/30/24 18:09	09/30/24 21:41	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg		09/30/24 18:09	09/30/24 21:41	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/Kg		09/30/24 18:09	09/30/24 21:41	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.5	ug/Kg		09/30/24 18:09	09/30/24 21:41	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg		09/30/24 18:09	09/30/24 21:41	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg		09/30/24 18:09	09/30/24 21:41	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg		09/30/24 18:09	09/30/24 21:41	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg		09/30/24 18:09	09/30/24 21:41	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg		09/30/24 18:09	09/30/24 21:41	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg		09/30/24 18:09	09/30/24 21:41	1
2-Hexanone	ND		25	2.5	ug/Kg		09/30/24 18:09	09/30/24 21:41	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg		09/30/24 18:09	09/30/24 21:41	1
Acetone	ND		25	4.2	ug/Kg		09/30/24 18:09	09/30/24 21:41	1
Benzene	ND		5.0	0.25	ug/Kg		09/30/24 18:09	09/30/24 21:41	1
Bromoform	ND		5.0	2.5	ug/Kg		09/30/24 18:09	09/30/24 21:41	1
Bromomethane	ND		5.0	0.45	ug/Kg		09/30/24 18:09	09/30/24 21:41	1
Carbon disulfide	ND		5.0	2.5	ug/Kg		09/30/24 18:09	09/30/24 21:41	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg		09/30/24 18:09	09/30/24 21:41	1
Chlorobenzene	ND		5.0	0.66	ug/Kg		09/30/24 18:09	09/30/24 21:41	1
Dibromochloromethane	ND		5.0	0.64	ug/Kg		09/30/24 18:09	09/30/24 21:41	1
Chloroethane	ND		5.0	1.1	ug/Kg		09/30/24 18:09	09/30/24 21:41	1
Chloroform	0.411	J	5.0	0.31	ug/Kg		09/30/24 18:09	09/30/24 21:41	1
Chloromethane	ND		5.0	0.30	ug/Kg		09/30/24 18:09	09/30/24 21:41	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg		09/30/24 18:09	09/30/24 21:41	1
Cyclohexane	ND		5.0	0.70	ug/Kg		09/30/24 18:09	09/30/24 21:41	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg		09/30/24 18:09	09/30/24 21:41	1
Dichlorodifluoromethane	ND		5.0	0.41	ug/Kg		09/30/24 18:09	09/30/24 21:41	1
Ethylbenzene	ND		5.0	0.35	ug/Kg		09/30/24 18:09	09/30/24 21:41	1
1,2-Dibromoethane	ND		5.0	0.64	ug/Kg		09/30/24 18:09	09/30/24 21:41	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg		09/30/24 18:09	09/30/24 21:41	1
Methyl acetate	ND		25	3.0	ug/Kg		09/30/24 18:09	09/30/24 21:41	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg		09/30/24 18:09	09/30/24 21:41	1
Methylcyclohexane	ND		5.0	0.76	ug/Kg		09/30/24 18:09	09/30/24 21:41	1
Methylene Chloride	ND		5.0	2.3	ug/Kg		09/30/24 18:09	09/30/24 21:41	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg		09/30/24 18:09	09/30/24 21:41	1
Toluene	ND		5.0	0.38	ug/Kg		09/30/24 18:09	09/30/24 21:41	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg		09/30/24 18:09	09/30/24 21:41	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg		09/30/24 18:09	09/30/24 21:41	1
Trichloroethene	ND		5.0	1.1	ug/Kg		09/30/24 18:09	09/30/24 21:41	1
Trichlorofluoromethane	ND		5.0	0.47	ug/Kg		09/30/24 18:09	09/30/24 21:41	1
Vinyl chloride	ND		5.0	0.61	ug/Kg		09/30/24 18:09	09/30/24 21:41	1
Xylenes, Total	ND		10	0.84	ug/Kg		09/30/24 18:09	09/30/24 21:41	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg		09/30/24 18:09	09/30/24 21:41	1
Styrene	ND		5.0	0.25	ug/Kg		09/30/24 18:09	09/30/24 21:41	1

QC Sample Results

Client: LLCOA
Project/Site: Sediment Dredging - Lime Lake, NY

Job ID: 480-223834-1

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

Lab Sample ID: MB 480-726661/2-A
Matrix: Solid
Analysis Batch: 726662

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 726661

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	101		64 - 126	09/30/24 18:09	09/30/24 21:41	1
4-Bromofluorobenzene (Surr)	92		72 - 126	09/30/24 18:09	09/30/24 21:41	1
Toluene-d8 (Surr)	102		71 - 125	09/30/24 18:09	09/30/24 21:41	1
Dibromofluoromethane (Surr)	100		60 - 140	09/30/24 18:09	09/30/24 21:41	1

Lab Sample ID: LCS 480-726661/1-A
Matrix: Solid
Analysis Batch: 726662

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 726661

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2,2-Tetrachloroethane	50.0	49.5		ug/Kg		99	80 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	46.8		ug/Kg		94	60 - 140
1,1,2-Trichloroethane	50.0	45.5		ug/Kg		91	78 - 122
1,1-Dichloroethane	50.0	48.3		ug/Kg		97	73 - 126
1,1-Dichloroethene	50.0	48.0		ug/Kg		96	59 - 125
1,2,4-Trichlorobenzene	50.0	43.8		ug/Kg		88	64 - 120
1,2-Dibromo-3-Chloropropane	50.0	49.1		ug/Kg		98	63 - 124
1,2-Dichlorobenzene	50.0	45.5		ug/Kg		91	75 - 120
1,2-Dichloroethane	50.0	48.7		ug/Kg		97	77 - 122
1,2-Dichloropropane	50.0	48.4		ug/Kg		97	75 - 124
1,3-Dichlorobenzene	50.0	45.6		ug/Kg		91	74 - 120
1,4-Dichlorobenzene	50.0	44.5		ug/Kg		89	73 - 120
2-Butanone (MEK)	250	268		ug/Kg		107	70 - 134
2-Hexanone	250	276		ug/Kg		110	59 - 130
4-Methyl-2-pentanone (MIBK)	250	272		ug/Kg		109	65 - 133
Acetone	250	258		ug/Kg		103	61 - 137
Benzene	50.0	46.5		ug/Kg		93	79 - 127
Bromoform	50.0	44.7		ug/Kg		89	68 - 126
Bromomethane	50.0	46.3		ug/Kg		93	37 - 149
Carbon disulfide	50.0	45.7		ug/Kg		91	64 - 131
Carbon tetrachloride	50.0	46.2		ug/Kg		92	75 - 135
Chlorobenzene	50.0	45.1		ug/Kg		90	76 - 124
Dibromochloromethane	50.0	47.1		ug/Kg		94	76 - 125
Chloroethane	50.0	50.4		ug/Kg		101	69 - 135
Chloroform	50.0	45.5		ug/Kg		91	80 - 120
Chloromethane	50.0	48.7		ug/Kg		97	63 - 127
cis-1,2-Dichloroethene	50.0	46.2		ug/Kg		92	81 - 120
Cyclohexane	50.0	50.4		ug/Kg		101	65 - 120
Bromodichloromethane	50.0	46.4		ug/Kg		93	80 - 122
Dichlorodifluoromethane	50.0	40.0		ug/Kg		80	57 - 142
Ethylbenzene	50.0	46.3		ug/Kg		93	80 - 120
1,2-Dibromoethane	50.0	45.4		ug/Kg		91	78 - 120
Isopropylbenzene	50.0	45.0		ug/Kg		90	72 - 120
Methyl acetate	100	104		ug/Kg		104	55 - 136
Methyl tert-butyl ether	50.0	46.4		ug/Kg		93	63 - 125
Methylcyclohexane	50.0	47.8		ug/Kg		96	60 - 140
Methylene Chloride	50.0	45.5		ug/Kg		91	61 - 127

Eurofins Buffalo

QC Sample Results

Client: LLCOA
Project/Site: Sediment Dredging - Lime Lake, NY

Job ID: 480-223834-1

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

Lab Sample ID: LCS 480-726661/1-A
Matrix: Solid
Analysis Batch: 726662

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 726661

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Tetrachloroethene	50.0	44.9		ug/Kg		90	74 - 122	
Toluene	50.0	46.0		ug/Kg		92	74 - 128	
trans-1,2-Dichloroethene	50.0	47.0		ug/Kg		94	78 - 126	
trans-1,3-Dichloropropene	50.0	46.4		ug/Kg		93	73 - 123	
Trichloroethene	50.0	46.3		ug/Kg		93	77 - 129	
Trichlorofluoromethane	50.0	49.0		ug/Kg		98	65 - 146	
Vinyl chloride	50.0	48.7		ug/Kg		97	61 - 133	
Xylenes, Total	100	89.8		ug/Kg		90	70 - 130	
cis-1,3-Dichloropropene	50.0	46.5		ug/Kg		93	80 - 120	
Styrene	50.0	45.3		ug/Kg		91	80 - 120	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	103		64 - 126
4-Bromofluorobenzene (Surr)	92		72 - 126
Toluene-d8 (Surr)	100		71 - 125
Dibromofluoromethane (Surr)	100		60 - 140

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

Lab Sample ID: MB 480-726776/1-A
Matrix: Solid
Analysis Batch: 726841

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 726776

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Biphenyl	ND		170	25	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
bis (2-chloroisopropyl) ether	ND		170	34	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
2,4,5-Trichlorophenol	ND		170	46	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
2,4,6-Trichlorophenol	ND		170	34	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
2,4-Dichlorophenol	ND		170	18	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
2,4-Dimethylphenol	ND		170	41	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
2,4-Dinitrophenol	ND		1700	780	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
2,4-Dinitrotoluene	ND		170	35	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
2,6-Dinitrotoluene	ND		170	20	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
2-Chloronaphthalene	ND		170	28	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
2-Chlorophenol	ND		330	31	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
2-Methylnaphthalene	ND		170	34	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
2-Methylphenol	ND		170	20	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
2-Nitroaniline	ND		330	25	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
2-Nitrophenol	ND		170	48	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
3,3'-Dichlorobenzidine	ND		330	200	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
3-Nitroaniline	ND		330	47	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
4,6-Dinitro-2-methylphenol	ND		330	170	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
4-Bromophenyl phenyl ether	ND		170	24	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
4-Chloro-3-methylphenol	ND		170	42	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
4-Chloroaniline	ND		170	42	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
4-Chlorophenyl phenyl ether	ND		170	21	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
4-Methylphenol	ND		330	20	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
4-Nitroaniline	ND		330	89	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
4-Nitrophenol	ND		330	120	ug/Kg		10/01/24 17:21	10/02/24 12:06	1

Eurofins Buffalo

QC Sample Results

Client: LLCOA
 Project/Site: Sediment Dredging - Lime Lake, NY

Job ID: 480-223834-1

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

Lab Sample ID: MB 480-726776/1-A
Matrix: Solid
Analysis Batch: 726841

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 726776

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		170	25	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
Acenaphthylene	ND		170	22	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
Acetophenone	ND		170	23	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
Anthracene	ND		170	42	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
Atrazine	ND		170	59	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
Benzaldehyde	ND		170	140	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
Benzo[a]anthracene	ND		170	17	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
Benzo[a]pyrene	ND		170	25	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
Benzo[b]fluoranthene	ND		170	27	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
Benzo[g,h,i]perylene	ND		170	18	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
Benzo[k]fluoranthene	ND		170	22	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
Bis(2-chloroethoxy)methane	ND		170	36	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
Bis(2-chloroethyl)ether	ND		170	22	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
Bis(2-ethylhexyl) phthalate	ND		170	58	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
Butyl benzyl phthalate	ND		170	28	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
Caprolactam	ND		170	51	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
Carbazole	ND		170	20	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
Chrysene	ND		170	38	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
Di-n-butyl phthalate	ND		170	29	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
Di-n-octyl phthalate	ND		170	20	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
Dibenz(a,h)anthracene	ND		170	30	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
Dibenzofuran	ND		170	20	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
Diethyl phthalate	ND		170	22	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
Dimethyl phthalate	ND		170	20	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
Fluoranthene	ND		170	18	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
Fluorene	ND		170	20	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
Hexachlorobenzene	ND		170	23	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
Hexachlorobutadiene	ND		170	25	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
Hexachlorocyclopentadiene	ND		170	23	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
Hexachloroethane	ND		170	22	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
Indeno[1,2,3-cd]pyrene	ND		170	21	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
Isophorone	ND		170	36	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
N-Nitrosodi-n-propylamine	ND		170	29	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
N-Nitrosodiphenylamine	ND		170	140	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
Naphthalene	ND		170	22	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
Nitrobenzene	ND		170	19	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
Pentachlorophenol	ND		330	170	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
Phenanthrene	ND		170	25	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
Phenol	ND		170	26	ug/Kg		10/01/24 17:21	10/02/24 12:06	1
Pyrene	ND		170	20	ug/Kg		10/01/24 17:21	10/02/24 12:06	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	89		26 - 143	10/01/24 17:21	10/02/24 12:06	1
2-Fluorobiphenyl	81		50 - 121	10/01/24 17:21	10/02/24 12:06	1
2-Fluorophenol	79		36 - 120	10/01/24 17:21	10/02/24 12:06	1
Nitrobenzene-d5	82		40 - 121	10/01/24 17:21	10/02/24 12:06	1
p-Terphenyl-d14	95		46 - 143	10/01/24 17:21	10/02/24 12:06	1
Phenol-d5	82		41 - 120	10/01/24 17:21	10/02/24 12:06	1

Eurofins Buffalo

QC Sample Results

Client: LLCOA
 Project/Site: Sediment Dredging - Lime Lake, NY

Job ID: 480-223834-1

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

Lab Sample ID: LCS 480-726776/2-A
Matrix: Solid
Analysis Batch: 726841

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 726776

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Biphenyl	1330	1170		ug/Kg		87	59 - 120
bis (2-chloroisopropyl) ether	1330	1150		ug/Kg		86	44 - 120
2,4,5-Trichlorophenol	1330	1260		ug/Kg		95	59 - 126
2,4,6-Trichlorophenol	1330	1220		ug/Kg		92	59 - 123
2,4-Dichlorophenol	1330	1180		ug/Kg		88	61 - 120
2,4-Dimethylphenol	1330	1200		ug/Kg		90	59 - 120
2,4-Dinitrophenol	2670	2030		ug/Kg		76	41 - 146
2,4-Dinitrotoluene	1330	1190		ug/Kg		90	63 - 120
2,6-Dinitrotoluene	1330	1210		ug/Kg		91	66 - 120
2-Chloronaphthalene	1330	1160		ug/Kg		87	57 - 120
2-Chlorophenol	1330	1100		ug/Kg		82	53 - 120
2-Methylnaphthalene	1330	1180		ug/Kg		88	59 - 120
2-Methylphenol	1330	1110		ug/Kg		83	54 - 120
2-Nitroaniline	1330	1190		ug/Kg		89	61 - 120
2-Nitrophenol	1330	1160		ug/Kg		87	56 - 120
3,3'-Dichlorobenzidine	1330	1400		ug/Kg		105	54 - 120
3-Nitroaniline	1330	1060		ug/Kg		79	48 - 120
4,6-Dinitro-2-methylphenol	2670	2220		ug/Kg		83	49 - 122
4-Bromophenyl phenyl ether	1330	1310		ug/Kg		98	58 - 120
4-Chloro-3-methylphenol	1330	1200		ug/Kg		90	61 - 120
4-Chloroaniline	1330	1100		ug/Kg		82	38 - 120
4-Chlorophenyl phenyl ether	1330	1190		ug/Kg		90	63 - 124
4-Methylphenol	1330	1140		ug/Kg		85	55 - 120
4-Nitroaniline	1330	1110		ug/Kg		83	56 - 120
4-Nitrophenol	2670	2590		ug/Kg		97	43 - 147
Acenaphthene	1330	1200		ug/Kg		90	62 - 120
Acenaphthylene	1330	1270		ug/Kg		95	58 - 121
Acetophenone	1330	1160		ug/Kg		87	54 - 120
Anthracene	1330	1310		ug/Kg		98	62 - 120
Atrazine	2670	2430		ug/Kg		91	60 - 127
Benzaldehyde	2670	2570		ug/Kg		96	10 - 150
Benzo[a]anthracene	1330	1300		ug/Kg		97	65 - 120
Benzo[a]pyrene	1330	1330		ug/Kg		99	64 - 120
Benzo[b]fluoranthene	1330	1360		ug/Kg		102	64 - 120
Benzo[g,h,i]perylene	1330	1290		ug/Kg		97	45 - 145
Benzo[k]fluoranthene	1330	1280		ug/Kg		96	65 - 120
Bis(2-chloroethoxy)methane	1330	1190		ug/Kg		89	55 - 120
Bis(2-chloroethyl)ether	1330	1110		ug/Kg		83	45 - 120
Bis(2-ethylhexyl) phthalate	1330	1320		ug/Kg		99	61 - 133
Butyl benzyl phthalate	1330	1350		ug/Kg		101	61 - 129
Caprolactam	2670	2400		ug/Kg		90	47 - 120
Carbazole	1330	1270		ug/Kg		95	65 - 120
Chrysene	1330	1240		ug/Kg		93	64 - 120
Di-n-butyl phthalate	1330	1280		ug/Kg		96	58 - 130
Di-n-octyl phthalate	1330	1320		ug/Kg		99	57 - 133
Dibenz(a,h)anthracene	1330	1260		ug/Kg		94	54 - 132
Dibenzofuran	1330	1220		ug/Kg		92	63 - 120
Diethyl phthalate	1330	1250		ug/Kg		94	66 - 120

Eurofins Buffalo

QC Sample Results

Client: LLCOA
Project/Site: Sediment Dredging - Lime Lake, NY

Job ID: 480-223834-1

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

Lab Sample ID: LCS 480-726776/2-A
Matrix: Solid
Analysis Batch: 726841

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 726776

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dimethyl phthalate	1330	1240		ug/Kg		93	65 - 124
Fluoranthene	1330	1280		ug/Kg		96	62 - 120
Fluorene	1330	1220		ug/Kg		91	63 - 120
Hexachlorobenzene	1330	1300		ug/Kg		97	60 - 120
Hexachlorobutadiene	1330	1100		ug/Kg		83	45 - 120
Hexachlorocyclopentadiene	1330	1060		ug/Kg		79	47 - 120
Hexachloroethane	1330	1040		ug/Kg		78	41 - 120
Indeno[1,2,3-cd]pyrene	1330	1260		ug/Kg		94	56 - 134
Isophorone	1330	1220		ug/Kg		92	56 - 120
N-Nitrosodi-n-propylamine	1330	1170		ug/Kg		88	52 - 120
N-Nitrosodiphenylamine	1330	1300		ug/Kg		98	51 - 128
Naphthalene	1330	1120		ug/Kg		84	55 - 120
Nitrobenzene	1330	1110		ug/Kg		83	54 - 120
Pentachlorophenol	2670	2390		ug/Kg		90	10 - 120
Phenanthrene	1330	1240		ug/Kg		93	60 - 120
Phenol	1330	1090		ug/Kg		82	53 - 120
Pyrene	1330	1400		ug/Kg		105	61 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	102		26 - 143
2-Fluorobiphenyl	86		50 - 121
2-Fluorophenol	80		36 - 120
Nitrobenzene-d5	82		40 - 121
p-Terphenyl-d14	99		46 - 143
Phenol-d5	86		41 - 120

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 480-726832/1-A
Matrix: Solid
Analysis Batch: 726932

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 726832

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		1.7	0.32	ug/Kg		10/02/24 09:15	10/03/24 09:53	1
4,4'-DDE	ND		1.7	0.35	ug/Kg		10/02/24 09:15	10/03/24 09:53	1
4,4'-DDT	ND		1.7	0.39	ug/Kg		10/02/24 09:15	10/03/24 09:53	1
Aldrin	ND		1.7	0.41	ug/Kg		10/02/24 09:15	10/03/24 09:53	1
alpha-BHC	ND		1.7	0.30	ug/Kg		10/02/24 09:15	10/03/24 09:53	1
cis-Chlordane	ND		1.7	0.83	ug/Kg		10/02/24 09:15	10/03/24 09:53	1
beta-BHC	ND		1.7	0.30	ug/Kg		10/02/24 09:15	10/03/24 09:53	1
delta-BHC	ND		1.7	0.31	ug/Kg		10/02/24 09:15	10/03/24 09:53	1
Dieldrin	ND		1.7	0.40	ug/Kg		10/02/24 09:15	10/03/24 09:53	1
Endosulfan I	ND		1.7	0.32	ug/Kg		10/02/24 09:15	10/03/24 09:53	1
Endosulfan II	ND		1.7	0.30	ug/Kg		10/02/24 09:15	10/03/24 09:53	1
Endosulfan sulfate	ND		1.7	0.31	ug/Kg		10/02/24 09:15	10/03/24 09:53	1
Endrin	ND		1.7	0.33	ug/Kg		10/02/24 09:15	10/03/24 09:53	1
Endrin aldehyde	ND		1.7	0.43	ug/Kg		10/02/24 09:15	10/03/24 09:53	1
Endrin ketone	ND		1.7	0.41	ug/Kg		10/02/24 09:15	10/03/24 09:53	1
gamma-BHC (Lindane)	0.480	J	1.7	0.31	ug/Kg		10/02/24 09:15	10/03/24 09:53	1

Eurofins Buffalo

QC Sample Results

Client: LLCOA
Project/Site: Sediment Dredging - Lime Lake, NY

Job ID: 480-223834-1

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

Lab Sample ID: MB 480-726832/1-A
Matrix: Solid
Analysis Batch: 726932

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 726832

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-Chlordane	ND		1.7	0.53	ug/Kg		10/02/24 09:15	10/03/24 09:53	1
Heptachlor	ND		1.7	0.36	ug/Kg		10/02/24 09:15	10/03/24 09:53	1
Heptachlor epoxide	ND		1.7	0.43	ug/Kg		10/02/24 09:15	10/03/24 09:53	1
Methoxychlor	ND		1.7	0.34	ug/Kg		10/02/24 09:15	10/03/24 09:53	1
Toxaphene	ND		17	9.7	ug/Kg		10/02/24 09:15	10/03/24 09:53	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	92		45 - 120				10/02/24 09:15	10/03/24 09:53	1
Tetrachloro-m-xylene	69		30 - 124				10/02/24 09:15	10/03/24 09:53	1

Lab Sample ID: LCS 480-726832/2-A
Matrix: Solid
Analysis Batch: 726932

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 726832

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
4,4'-DDD	16.7	14.7		ug/Kg		88	56 - 120
4,4'-DDE	16.7	13.8		ug/Kg		83	44 - 120
4,4'-DDT	16.7	13.3		ug/Kg		80	38 - 120
Aldrin	16.7	13.5		ug/Kg		81	38 - 120
alpha-BHC	16.7	12.0		ug/Kg		72	39 - 120
cis-Chlordane	16.7	13.7		ug/Kg		82	47 - 120
beta-BHC	16.7	13.5		ug/Kg		81	40 - 120
delta-BHC	16.7	13.2		ug/Kg		79	45 - 120
Dieldrin	16.7	15.5		ug/Kg		93	58 - 120
Endosulfan I	16.7	15.1		ug/Kg		91	49 - 120
Endosulfan II	16.7	15.3		ug/Kg		92	55 - 120
Endosulfan sulfate	16.7	11.6		ug/Kg		70	49 - 124
Endrin	16.7	15.4		ug/Kg		93	58 - 120
Endrin aldehyde	16.7	13.5		ug/Kg		81	37 - 121
Endrin ketone	16.7	16.1		ug/Kg		97	46 - 123
gamma-BHC (Lindane)	16.7	13.3		ug/Kg		80	50 - 120
trans-Chlordane	16.7	12.3		ug/Kg		74	48 - 120
Heptachlor	16.7	14.8		ug/Kg		89	50 - 120
Heptachlor epoxide	16.7	15.4		ug/Kg		93	50 - 120
Methoxychlor	16.7	16.0		ug/Kg		96	58 - 133
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
DCB Decachlorobiphenyl	96		45 - 120				
Tetrachloro-m-xylene	78		30 - 124				

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

Lab Sample ID: MB 480-726655/1-A
Matrix: Solid
Analysis Batch: 726697

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 726655

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.25	0.049	mg/Kg		09/30/24 17:02	10/01/24 22:55	1

Eurofins Buffalo

QC Sample Results

Client: LLCOA
Project/Site: Sediment Dredging - Lime Lake, NY

Job ID: 480-223834-1

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

Lab Sample ID: MB 480-726655/1-A
Matrix: Solid
Analysis Batch: 726697

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 726655

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1221	ND		0.25	0.049	mg/Kg		09/30/24 17:02	10/01/24 22:55	1
PCB-1232	ND		0.25	0.049	mg/Kg		09/30/24 17:02	10/01/24 22:55	1
PCB-1242	ND		0.25	0.049	mg/Kg		09/30/24 17:02	10/01/24 22:55	1
PCB-1248	ND		0.25	0.049	mg/Kg		09/30/24 17:02	10/01/24 22:55	1
PCB-1254	ND		0.25	0.12	mg/Kg		09/30/24 17:02	10/01/24 22:55	1
PCB-1260	ND		0.25	0.12	mg/Kg		09/30/24 17:02	10/01/24 22:55	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Tetrachloro-m-xylene	106		60 - 154	09/30/24 17:02	10/01/24 22:55	1
DCB Decachlorobiphenyl	124		65 - 174	09/30/24 17:02	10/01/24 22:55	1

Lab Sample ID: LCS 480-726655/2-A
Matrix: Solid
Analysis Batch: 726697

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 726655

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
PCB-1016	2.50	3.10		mg/Kg		124	51 - 185
PCB-1260	2.50	3.43		mg/Kg		137	61 - 184

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
Tetrachloro-m-xylene	122		60 - 154
DCB Decachlorobiphenyl	146		65 - 174

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-726628/1-A
Matrix: Solid
Analysis Batch: 726806

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 726628

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Arsenic	ND		2.0	0.89	mg/Kg		09/30/24 14:02	10/01/24 16:30	1
Barium	ND		0.51	0.14	mg/Kg		09/30/24 14:02	10/01/24 16:30	1
Beryllium	ND		0.20	0.041	mg/Kg		09/30/24 14:02	10/01/24 16:30	1
Cadmium	ND		0.20	0.071	mg/Kg		09/30/24 14:02	10/01/24 16:30	1
Chromium	ND		0.51	0.37	mg/Kg		09/30/24 14:02	10/01/24 16:30	1
Copper	ND		1.0	0.58	mg/Kg		09/30/24 14:02	10/01/24 16:30	1
Lead	ND		1.0	0.47	mg/Kg		09/30/24 14:02	10/01/24 16:30	1
Nickel	ND		5.1	0.25	mg/Kg		09/30/24 14:02	10/01/24 16:30	1
Selenium	ND		4.1	0.81	mg/Kg		09/30/24 14:02	10/01/24 16:30	1
Zinc	ND		2.0	1.0	mg/Kg		09/30/24 14:02	10/01/24 16:30	1

Lab Sample ID: LCSSRM 480-726628/2-A
Matrix: Solid
Analysis Batch: 726806

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 726628

Analyte	Spike Added	LCSSRM	LCSSRM	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Arsenic	311	262.5		mg/Kg		84.4	70.1 - 130.

QC Sample Results

Client: LLCOA
Project/Site: Sediment Dredging - Lime Lake, NY

Job ID: 480-223834-1

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

Lab Sample ID: LCSSRM 480-726628/2-A
Matrix: Solid
Analysis Batch: 726806

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 726628

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Barium	304	285.4		mg/Kg		93.9	75.0 - 125.0
Beryllium	169	150.8		mg/Kg		89.3	75.1 - 124.9
Cadmium	212	187.0		mg/Kg		88.2	75.0 - 125.0
Chromium	180	162.8		mg/Kg		90.4	70.0 - 130.0
Copper	205	177.9		mg/Kg		86.8	75.1 - 124.9
Lead	92.8	90.57		mg/Kg		97.6	81.8 - 118.5
Nickel	313	287.4		mg/Kg		91.8	70.0 - 130.0
Selenium	165	128.7		mg/Kg		78.0	67.9 - 132.1
Zinc	166	149.2		mg/Kg		89.9	70.5 - 130.1

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 480-726678/1-A
Matrix: Solid
Analysis Batch: 726730

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 726678

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020	0.0045	mg/Kg		10/01/24 08:21	10/01/24 09:54	1

Lab Sample ID: LCSSRM 480-726678/2-A ^10
Matrix: Solid
Analysis Batch: 726730

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 726678

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	11.9	11.06		mg/Kg		93.0	59.8 - 139.5

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 480-726851/1-A
Matrix: Solid
Analysis Batch: 726986

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 726851

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.92	0.44	mg/Kg		10/02/24 10:05	10/02/24 16:35	1

Lab Sample ID: LCS 480-726851/3-A
Matrix: Solid
Analysis Batch: 726986

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 726851

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.400	0.402		mg/Kg		101	29 - 122

QC Sample Results

Client: LLCOA
 Project/Site: Sediment Dredging - Lime Lake, NY

Job ID: 480-223834-1

Method: 9012B - Cyanide, Total and/or Amenable (Continued)

Lab Sample ID: LCS 480-726851/4-A
Matrix: Solid
Analysis Batch: 726986

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 726851

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.250	0.244		mg/Kg		98	29 - 122

Lab Sample ID: LCSSRM 480-726851/2-A
Matrix: Solid
Analysis Batch: 726986

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 726851

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	150	76.32		mg/Kg		50.9	38.9 - 138. 7

QC Association Summary

Client: LLCOA
Project/Site: Sediment Dredging - Lime Lake, NY

Job ID: 480-223834-1

GC/MS VOA

Prep Batch: 726661

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223834-1	Weaver Bay	Total/NA	Solid	5035A_L	
480-223834-2	Potter Shallows Bay	Total/NA	Solid	5035A_L	
480-223834-3	Inlet Small Bay	Total/NA	Solid	5035A_L	
MB 480-726661/2-A	Method Blank	Total/NA	Solid	5035A_L	
LCS 480-726661/1-A	Lab Control Sample	Total/NA	Solid	5035A_L	

Analysis Batch: 726662

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223834-1	Weaver Bay	Total/NA	Solid	8260C	726661
480-223834-2	Potter Shallows Bay	Total/NA	Solid	8260C	726661
480-223834-3	Inlet Small Bay	Total/NA	Solid	8260C	726661
MB 480-726661/2-A	Method Blank	Total/NA	Solid	8260C	726661
LCS 480-726661/1-A	Lab Control Sample	Total/NA	Solid	8260C	726661

GC/MS Semi VOA

Prep Batch: 726776

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223834-1	Weaver Bay	Total/NA	Solid	3550C	
480-223834-2	Potter Shallows Bay	Total/NA	Solid	3550C	
480-223834-3	Inlet Small Bay	Total/NA	Solid	3550C	
MB 480-726776/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-726776/2-A	Lab Control Sample	Total/NA	Solid	3550C	

Analysis Batch: 726841

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223834-1	Weaver Bay	Total/NA	Solid	8270D	726776
480-223834-2	Potter Shallows Bay	Total/NA	Solid	8270D	726776
480-223834-3	Inlet Small Bay	Total/NA	Solid	8270D	726776
MB 480-726776/1-A	Method Blank	Total/NA	Solid	8270D	726776
LCS 480-726776/2-A	Lab Control Sample	Total/NA	Solid	8270D	726776

GC Semi VOA

Prep Batch: 726655

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223834-1	Weaver Bay	Total/NA	Solid	3550C	
480-223834-2	Potter Shallows Bay	Total/NA	Solid	3550C	
480-223834-3	Inlet Small Bay	Total/NA	Solid	3550C	
MB 480-726655/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-726655/2-A	Lab Control Sample	Total/NA	Solid	3550C	

Analysis Batch: 726697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223834-1	Weaver Bay	Total/NA	Solid	8082A	726655
480-223834-2	Potter Shallows Bay	Total/NA	Solid	8082A	726655
480-223834-3	Inlet Small Bay	Total/NA	Solid	8082A	726655
MB 480-726655/1-A	Method Blank	Total/NA	Solid	8082A	726655
LCS 480-726655/2-A	Lab Control Sample	Total/NA	Solid	8082A	726655

QC Association Summary

Client: LLCOA
 Project/Site: Sediment Dredging - Lime Lake, NY

Job ID: 480-223834-1

GC Semi VOA

Prep Batch: 726832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223834-1	Weaver Bay	Total/NA	Solid	3550C	
480-223834-2	Potter Shallows Bay	Total/NA	Solid	3550C	
480-223834-3	Inlet Small Bay	Total/NA	Solid	3550C	
MB 480-726832/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-726832/2-A	Lab Control Sample	Total/NA	Solid	3550C	

Analysis Batch: 726932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223834-1	Weaver Bay	Total/NA	Solid	8081B	726832
480-223834-2	Potter Shallows Bay	Total/NA	Solid	8081B	726832
480-223834-3	Inlet Small Bay	Total/NA	Solid	8081B	726832
MB 480-726832/1-A	Method Blank	Total/NA	Solid	8081B	726832
LCS 480-726832/2-A	Lab Control Sample	Total/NA	Solid	8081B	726832

Metals

Prep Batch: 726628

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223834-1	Weaver Bay	Total/NA	Solid	3050B	
480-223834-2	Potter Shallows Bay	Total/NA	Solid	3050B	
480-223834-3	Inlet Small Bay	Total/NA	Solid	3050B	
MB 480-726628/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 480-726628/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 726678

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223834-1	Weaver Bay	Total/NA	Solid	7471B	
480-223834-2	Potter Shallows Bay	Total/NA	Solid	7471B	
480-223834-3	Inlet Small Bay	Total/NA	Solid	7471B	
MB 480-726678/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 480-726678/2-A ^1	Lab Control Sample	Total/NA	Solid	7471B	

Analysis Batch: 726730

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223834-1	Weaver Bay	Total/NA	Solid	7471B	726678
480-223834-2	Potter Shallows Bay	Total/NA	Solid	7471B	726678
480-223834-3	Inlet Small Bay	Total/NA	Solid	7471B	726678
MB 480-726678/1-A	Method Blank	Total/NA	Solid	7471B	726678
LCSSRM 480-726678/2-A ^1	Lab Control Sample	Total/NA	Solid	7471B	726678

Analysis Batch: 726806

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223834-1	Weaver Bay	Total/NA	Solid	6010C	726628
480-223834-2	Potter Shallows Bay	Total/NA	Solid	6010C	726628
480-223834-3	Inlet Small Bay	Total/NA	Solid	6010C	726628
MB 480-726628/1-A	Method Blank	Total/NA	Solid	6010C	726628
LCSSRM 480-726628/2-A	Lab Control Sample	Total/NA	Solid	6010C	726628

QC Association Summary

Client: LLCOA
Project/Site: Sediment Dredging - Lime Lake, NY

Job ID: 480-223834-1

General Chemistry

Analysis Batch: 726634

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223834-1	Weaver Bay	Total/NA	Solid	Moisture	
480-223834-2	Potter Shallows Bay	Total/NA	Solid	Moisture	
480-223834-3	Inlet Small Bay	Total/NA	Solid	Moisture	

Prep Batch: 726851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223834-1	Weaver Bay	Total/NA	Solid	9012B	
480-223834-2	Potter Shallows Bay	Total/NA	Solid	9012B	
480-223834-3	Inlet Small Bay	Total/NA	Solid	9012B	
MB 480-726851/1-A	Method Blank	Total/NA	Solid	9012B	
LCS 480-726851/3-A	Lab Control Sample	Total/NA	Solid	9012B	
LCS 480-726851/4-A	Lab Control Sample	Total/NA	Solid	9012B	
LCSSRM 480-726851/2-A	Lab Control Sample	Total/NA	Solid	9012B	

Analysis Batch: 726986

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223834-1	Weaver Bay	Total/NA	Solid	9012B	726851
480-223834-2	Potter Shallows Bay	Total/NA	Solid	9012B	726851
480-223834-3	Inlet Small Bay	Total/NA	Solid	9012B	726851
MB 480-726851/1-A	Method Blank	Total/NA	Solid	9012B	726851
LCS 480-726851/3-A	Lab Control Sample	Total/NA	Solid	9012B	726851
LCS 480-726851/4-A	Lab Control Sample	Total/NA	Solid	9012B	726851
LCSSRM 480-726851/2-A	Lab Control Sample	Total/NA	Solid	9012B	726851

Lab Chronicle

Client: LLCOA
 Project/Site: Sediment Dredging - Lime Lake, NY

Job ID: 480-223834-1

Client Sample ID: Weaver Bay
 Date Collected: 09/29/24 09:16
 Date Received: 09/30/24 10:27

Lab Sample ID: 480-223834-1
 Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	726634	MAN	EET BUF	09/30/24 14:28

Client Sample ID: Weaver Bay
 Date Collected: 09/29/24 09:16
 Date Received: 09/30/24 10:27

Lab Sample ID: 480-223834-1
 Matrix: Solid
 Percent Solids: 29.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			726661	CDC	EET BUF	09/30/24 18:09
Total/NA	Analysis	8260C		1	726662	CDC	EET BUF	10/01/24 00:28
Total/NA	Prep	3550C			726776	SJM	EET BUF	10/01/24 17:21
Total/NA	Analysis	8270D		1	726841	AF	EET BUF	10/02/24 14:51
Total/NA	Prep	3550C			726832	JMP	EET BUF	10/02/24 09:15
Total/NA	Analysis	8081B		10	726932	JLS	EET BUF	10/03/24 11:30
Total/NA	Prep	3550C			726655	SJM	EET BUF	09/30/24 17:02
Total/NA	Analysis	8082A		1	726697	H9RU	EET BUF	10/02/24 01:58
Total/NA	Prep	3050B			726628	EMO	EET BUF	09/30/24 14:02
Total/NA	Analysis	6010C		1	726806	BMB	EET BUF	10/01/24 17:16
Total/NA	Prep	7471B			726678	ESB	EET BUF	10/01/24 08:21
Total/NA	Analysis	7471B		1	726730	ESB	EET BUF	10/01/24 09:56
Total/NA	Prep	9012B			726851	CG	EET BUF	10/02/24 10:05
Total/NA	Analysis	9012B		1	726986	AM	EET BUF	10/02/24 16:42

Client Sample ID: Potter Shallows Bay
 Date Collected: 09/29/24 09:55
 Date Received: 09/30/24 10:27

Lab Sample ID: 480-223834-2
 Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	726634	MAN	EET BUF	09/30/24 14:28

Client Sample ID: Potter Shallows Bay
 Date Collected: 09/29/24 09:55
 Date Received: 09/30/24 10:27

Lab Sample ID: 480-223834-2
 Matrix: Solid
 Percent Solids: 33.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			726661	CDC	EET BUF	09/30/24 18:09
Total/NA	Analysis	8260C		1	726662	CDC	EET BUF	10/01/24 00:52
Total/NA	Prep	3550C			726776	SJM	EET BUF	10/01/24 17:21
Total/NA	Analysis	8270D		1	726841	AF	EET BUF	10/02/24 15:19
Total/NA	Prep	3550C			726832	JMP	EET BUF	10/02/24 09:15
Total/NA	Analysis	8081B		10	726932	JLS	EET BUF	10/03/24 11:50
Total/NA	Prep	3550C			726655	SJM	EET BUF	09/30/24 17:02
Total/NA	Analysis	8082A		1	726697	H9RU	EET BUF	10/02/24 02:16
Total/NA	Prep	3050B			726628	EMO	EET BUF	09/30/24 14:02
Total/NA	Analysis	6010C		1	726806	BMB	EET BUF	10/01/24 17:18

Lab Chronicle

Client: LLCOA
 Project/Site: Sediment Dredging - Lime Lake, NY

Job ID: 480-223834-1

Client Sample ID: Potter Shallows Bay

Lab Sample ID: 480-223834-2

Date Collected: 09/29/24 09:55

Matrix: Solid

Date Received: 09/30/24 10:27

Percent Solids: 33.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7471B			726678	ESB	EET BUF	10/01/24 08:21
Total/NA	Analysis	7471B		1	726730	ESB	EET BUF	10/01/24 09:57
Total/NA	Prep	9012B			726851	CG	EET BUF	10/02/24 10:05
Total/NA	Analysis	9012B		1	726986	AM	EET BUF	10/02/24 16:44

Client Sample ID: Inlet Small Bay

Lab Sample ID: 480-223834-3

Date Collected: 09/29/24 11:30

Matrix: Solid

Date Received: 09/30/24 10:27

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	726634	MAN	EET BUF	09/30/24 14:28

Client Sample ID: Inlet Small Bay

Lab Sample ID: 480-223834-3

Date Collected: 09/29/24 11:30

Matrix: Solid

Date Received: 09/30/24 10:27

Percent Solids: 33.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			726661	CDC	EET BUF	09/30/24 18:09
Total/NA	Analysis	8260C		1	726662	CDC	EET BUF	10/01/24 01:16
Total/NA	Prep	3550C			726776	SJM	EET BUF	10/01/24 17:21
Total/NA	Analysis	8270D		1	726841	AF	EET BUF	10/02/24 15:48
Total/NA	Prep	3550C			726832	JMP	EET BUF	10/02/24 09:15
Total/NA	Analysis	8081B		10	726932	JLS	EET BUF	10/03/24 12:09
Total/NA	Prep	3550C			726655	SJM	EET BUF	09/30/24 17:02
Total/NA	Analysis	8082A		1	726697	H9RU	EET BUF	10/02/24 02:34
Total/NA	Prep	3050B			726628	EMO	EET BUF	09/30/24 14:02
Total/NA	Analysis	6010C		1	726806	BMB	EET BUF	10/01/24 17:25
Total/NA	Prep	7471B			726678	ESB	EET BUF	10/01/24 08:21
Total/NA	Analysis	7471B		1	726730	ESB	EET BUF	10/01/24 09:59
Total/NA	Prep	9012B			726851	CG	EET BUF	10/02/24 10:05
Total/NA	Analysis	9012B		1	726986	AM	EET BUF	10/02/24 16:46

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: LLCOA
Project/Site: Sediment Dredging - Lime Lake, NY

Job ID: 480-223834-1

Laboratory: Eurofins Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Method Summary

Client: LLCOA
Project/Site: Sediment Dredging - Lime Lake, NY

Job ID: 480-223834-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	EET BUF
8081B	Organochlorine Pesticides (GC)	SW846	EET BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET BUF
6010C	Metals (ICP)	SW846	EET BUF
7471B	Mercury (CVAA)	SW846	EET BUF
9012B	Cyanide, Total and/or Amenable	SW846	EET BUF
Moisture	Percent Moisture	EPA	EET BUF
3050B	Preparation, Metals	SW846	EET BUF
3550C	Ultrasonic Extraction	SW846	EET BUF
5035A_L	Closed System Purge and Trap	SW846	EET BUF
7471B	Preparation, Mercury	SW846	EET BUF
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: LLCOA

Job ID: 480-223834-1

Project/Site: Sediment Dredging - Lime Lake, NY

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Collected</u>	<u>Received</u>
480-223834-1	Weaver Bay	Solid	09/29/24 09:16	09/30/24 10:27
480-223834-2	Potter Shallows Bay	Solid	09/29/24 09:55	09/30/24 10:27
480-223834-3	Inlet Small Bay	Solid	09/29/24 11:30	09/30/24 10:27

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

Login Sample Receipt Checklist

Client: LLCOA

Job Number: 480-223834-1

Login Number: 223834

List Source: Eurofins Buffalo

List Number: 1

Creator: Stapleton, Kaitlyn

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	False	
Cooler Temperature is recorded.	True	11.8 IR#SC ice
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	No: Analyses are listed on COC; individual samples are not designated Spec Analy
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	