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ANALYTICAL REPORT

Eurofins TestAmerica, Buffalo
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Tel: (716)691-2600

Laboratory Job ID: 480-161936-1
Client Project/Site: Loucks Rd Ext. - Off-site #C734145A

For:
New York State D.E.C.
615 Erie Blvd., West
Syracuse, New York 13204

Attn: Ms. Karen Cahill

Joseph V. Giacomazza

Authorized for release by:
11/18/2019 1:31:33 PM
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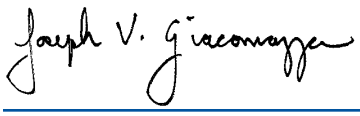
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Results relate only to the items tested and the sample(s) as received by the laboratory.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Joe Giacomazza
Project Management Assistant II
11/18/2019 1:31:33 PM

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Client: New York State D.E.C.
Job ID: 480-161936-1
Project/Site: Loucks Rd Ext. - Off-site #C734145A

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.
X	Surrogate is outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
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)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
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)

Case Narrative

Client: New York State D.E.C.
Project/Site: Loucks Rd Ext. - Off-site #C734145A

Job ID: 480-161936-1

Job ID: 480-161936-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-161936-1

Comments
No additional comments.

Receipt
The samples were received on 10/31/2019 8:20 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.1° C.

GC Semi VOA
Method 8082A: The following samples are associated with a continuing calibration verification (CCV 480-502448/31) that had recoveries for the surrogate Decachlorobiphenyl that were slightly below acceptance limits: RA-SS-01 (480-161936-1), RB-SS-01 (480-161936-2), RC-SS-01 (480-161936-3), OS-SS-05 (480-161936-8) and OS-SS-08 (480-161936-11). The secondary surrogate Tetrachloro-m-xylene is within limits. Therefore, the data has been reported.

Method 8082A: The continuing calibration verification (CCV) associated with batch 480-502690 recovered above the upper control limit for PCB-1232. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: OS-SS-01 (480-161936-4), OS-SS-02 (480-161936-5), OS-SS-03 (480-161936-6), OS-SS-04 (480-161936-7), OS-SS-06 (480-161936-9), OS-SS-07 (480-161936-10), OS-SS-09 (480-161936-12) and OS-SS-10 (480-161936-13).

Method 8082A: The following samples were diluted to bring the concentration of target analytes within the calibration range: OS-SS-01 (480-161936-4), OS-SS-02 (480-161936-5), OS-SS-03 (480-161936-6), OS-SS-04 (480-161936-7), OS-SS-06 (480-161936-9), OS-SS-07 (480-161936-10), OS-SS-07 (480-161936-10[MS]), OS-SS-07 (480-161936-10[MSD]), OS-SS-09 (480-161936-12) and OS-SS-10 (480-161936-13). Elevated reporting limits (RLs) are provided.

Method 8082A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 480-502023 and analytical batch 480-502690 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8082A: The following samples were diluted due to abundance of target analytes : OS-SS-02 (480-161936-5), OS-SS-09 (480-161936-12) and OS-SS-10 (480-161936-13). As such, surrogate recoveries are estimated and not representative, and elevated reporting limits (RLs) are provided.

Method 8082A: The following samples are associated with a continuing calibration verification (CCV 480-504602/5) that had recoveries for the surrogate Tetrachloro-m-xylene that were slightly below acceptance limits: OS-SS-11 (480-161936-14) and OS-SB-11 (0.17-0.5) (480-161936-15). The secondary surrogate Decachlorobiphenyl is within limits. Therefore, the data has been reported.

Method 8082A: The following samples were diluted to bring the concentration of target analytes within the calibration range: OS-SS-11 (480-161936-14) and OS-SB-11 (0.17-0.5) (480-161936-15). Elevated reporting limits (RLs) are provided.

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

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

Detection Summary

Client: New York State D.E.C.
Job ID: 480-161936-1
Project/Site: Loucks Rd Ext. - Off-site #C734145A

Client Sample ID: RA-SS-01 — Lab Sample ID: 480-161936-1

No Detections.

Client Sample ID: RB-SS-01 — Lab Sample ID: 480-161936-2

No Detections.

Client Sample ID: RC-SS-01 — Lab Sample ID: 480-161936-3

No Detections.

Client Sample ID: OS-SS-01 — Lab Sample ID: 480-161936-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1248	20		2.5	0.48	mg/Kg	10	☼	8082A	Total/NA

Client Sample ID: OS-SS-02 — Lab Sample ID: 480-161936-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1248	130		12	2.4	mg/Kg	50	☼	8082A	Total/NA

Client Sample ID: OS-SS-03 — Lab Sample ID: 480-161936-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1248	21		2.4	0.47	mg/Kg	10	☼	8082A	Total/NA

Client Sample ID: OS-SS-04 — Lab Sample ID: 480-161936-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1248	33		3.1	0.60	mg/Kg	10	☼	8082A	Total/NA

Client Sample ID: OS-SS-05 — Lab Sample ID: 480-161936-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1248	7.6		0.24	0.046	mg/Kg	1	☼	8082A	Total/NA

Client Sample ID: OS-SS-06 — Lab Sample ID: 480-161936-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1248	29		2.4	0.48	mg/Kg	10	☼	8082A	Total/NA

Client Sample ID: OS-SS-07 — Lab Sample ID: 480-161936-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1248	24		2.6	0.50	mg/Kg	10	☼	8082A	Total/NA

Client Sample ID: OS-SS-08 — Lab Sample ID: 480-161936-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1248	1.7		0.25	0.049	mg/Kg	1	☼	8082A	Total/NA

Client Sample ID: OS-SS-09 — Lab Sample ID: 480-161936-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1248	47		5.0	0.99	mg/Kg	20	☼	8082A	Total/NA

Client Sample ID: OS-SS-10 — Lab Sample ID: 480-161936-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1248	260		25	4.8	mg/Kg	100	☼	8082A	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: New York State D.E.C.
Job ID: 480-161936-1
Project/Site: Loucks Rd Ext. - Off-site #C734145A

Client Sample ID: OS-SS-11 — Lab Sample ID: 480-161936-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1248	32		2.9	0.57	mg/Kg	10	☼	8082A	Total/NA

Client Sample ID: OS-SB-11 (0.17-0.5) — Lab Sample ID: 480-161936-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1248	28		2.6	0.52	mg/Kg	10	☼	8082A	Total/NA

Client Sample ID: OS-SS-11 (0.5-1) — Lab Sample ID: 480-161936-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1248	1.0		0.25	0.049	mg/Kg	1	☼	8082A	Total/NA

Client Sample ID: OS-SS-99 — Lab Sample ID: 480-161936-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1248	5.8		0.23	0.046	mg/Kg	1	☼	8082A	Total/NA

This Detection Summary does not include radiochemical test results.

Client: New York State D.E.C.
Job ID: 480-161936-1
Project/Site: Loucks Rd Ext. - Off-site #C734145A

Client Sample ID: RA-SS-01
Lab Sample ID: 480-161936-1
Date Collected: 10/30/19 10:15
Matrix: Solid
Date Received: 10/31/19 08:20
Percent Solids: 79.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.24	0.047	mg/Kg	☼	11/04/19 06:56	11/05/19 22:14	1
PCB-1221	ND		0.24	0.047	mg/Kg	☼	11/04/19 06:56	11/05/19 22:14	1
PCB-1232	ND		0.24	0.047	mg/Kg	☼	11/04/19 06:56	11/05/19 22:14	1
PCB-1242	ND		0.24	0.047	mg/Kg	☼	11/04/19 06:56	11/05/19 22:14	1
PCB-1248	ND		0.24	0.047	mg/Kg	☼	11/04/19 06:56	11/05/19 22:14	1
PCB-1254	ND		0.24	0.11	mg/Kg	☼	11/04/19 06:56	11/05/19 22:14	1
PCB-1260	ND		0.24	0.11	mg/Kg	☼	11/04/19 06:56	11/05/19 22:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*85*		*60 - 154*	*11/04/19 06:56*	*11/05/19 22:14*	*1*
DCB Decachlorobiphenyl	*92*		*65 - 174*	*11/04/19 06:56*	*11/05/19 22:14*	*1*

Client Sample ID: RB-SS-01
Lab Sample ID: 480-161936-2
Date Collected: 10/30/19 10:30
Matrix: Solid
Date Received: 10/31/19 08:20
Percent Solids: 82.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.23	0.045	mg/Kg	☼	11/04/19 06:56	11/05/19 22:27	1
PCB-1221	ND		0.23	0.045	mg/Kg	☼	11/04/19 06:56	11/05/19 22:27	1
PCB-1232	ND		0.23	0.045	mg/Kg	☼	11/04/19 06:56	11/05/19 22:27	1
PCB-1242	ND		0.23	0.045	mg/Kg	☼	11/04/19 06:56	11/05/19 22:27	1
PCB-1248	ND		0.23	0.045	mg/Kg	☼	11/04/19 06:56	11/05/19 22:27	1
PCB-1254	ND		0.23	0.11	mg/Kg	☼	11/04/19 06:56	11/05/19 22:27	1
PCB-1260	ND		0.23	0.11	mg/Kg	☼	11/04/19 06:56	11/05/19 22:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*85*		*60 - 154*	*11/04/19 06:56*	*11/05/19 22:27*	*1*
DCB Decachlorobiphenyl	*87*		*65 - 174*	*11/04/19 06:56*	*11/05/19 22:27*	*1*

Client Sample ID: RC-SS-01
Lab Sample ID: 480-161936-3
Date Collected: 10/30/19 11:15
Matrix: Solid
Date Received: 10/31/19 08:20
Percent Solids: 79.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.26	0.050	mg/Kg	☼	11/04/19 06:56	11/05/19 22:39	1
PCB-1221	ND		0.26	0.050	mg/Kg	☼	11/04/19 06:56	11/05/19 22:39	1
PCB-1232	ND		0.26	0.050	mg/Kg	☼	11/04/19 06:56	11/05/19 22:39	1
PCB-1242	ND		0.26	0.050	mg/Kg	☼	11/04/19 06:56	11/05/19 22:39	1
PCB-1248	ND		0.26	0.050	mg/Kg	☼	11/04/19 06:56	11/05/19 22:39	1
PCB-1254	ND		0.26	0.12	mg/Kg	☼	11/04/19 06:56	11/05/19 22:39	1
PCB-1260	ND		0.26	0.12	mg/Kg	☼	11/04/19 06:56	11/05/19 22:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*92*		*60 - 154*	*11/04/19 06:56*	*11/05/19 22:39*	*1*
DCB Decachlorobiphenyl	*90*		*65 - 174*	*11/04/19 06:56*	*11/05/19 22:39*	*1*

Client: New York State D.E.C.
Job ID: 480-161936-1
Project/Site: Loucks Rd Ext. - Off-site #C734145A

Client Sample ID: OS-SS-01
Lab Sample ID: 480-161936-4

Date Collected: 10/30/19 11:45
Matrix: Solid
Date Received: 10/31/19 08:20
Percent Solids: 71.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		2.5	0.48	mg/Kg	☼	11/04/19 06:56	11/06/19 15:55	10
PCB-1221	ND		2.5	0.48	mg/Kg	☼	11/04/19 06:56	11/06/19 15:55	10
PCB-1232	ND		2.5	0.48	mg/Kg	☼	11/04/19 06:56	11/06/19 15:55	10
PCB-1242	ND		2.5	0.48	mg/Kg	☼	11/04/19 06:56	11/06/19 15:55	10
PCB-1248	**20**		2.5	0.48	mg/Kg	☼	11/04/19 06:56	11/06/19 15:55	10
PCB-1254	ND		2.5	1.2	mg/Kg	☼	11/04/19 06:56	11/06/19 15:55	10
PCB-1260	ND		2.5	1.2	mg/Kg	☼	11/04/19 06:56	11/06/19 15:55	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*91*		*60 - 154*	*11/04/19 06:56*	*11/06/19 15:55*	*10*
DCB Decachlorobiphenyl	*87*		*65 - 174*	*11/04/19 06:56*	*11/06/19 15:55*	*10*

Client Sample ID: OS-SS-02
Lab Sample ID: 480-161936-5

Date Collected: 10/30/19 12:30
Matrix: Solid
Date Received: 10/31/19 08:20
Percent Solids: 85.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		12	2.4	mg/Kg	☼	11/04/19 06:56	11/06/19 16:08	50
PCB-1221	ND		12	2.4	mg/Kg	☼	11/04/19 06:56	11/06/19 16:08	50
PCB-1232	ND		12	2.4	mg/Kg	☼	11/04/19 06:56	11/06/19 16:08	50
PCB-1242	ND		12	2.4	mg/Kg	☼	11/04/19 06:56	11/06/19 16:08	50
PCB-1248	**130**		12	2.4	mg/Kg	☼	11/04/19 06:56	11/06/19 16:08	50
PCB-1254	ND		12	5.8	mg/Kg	☼	11/04/19 06:56	11/06/19 16:08	50
PCB-1260	ND		12	5.8	mg/Kg	☼	11/04/19 06:56	11/06/19 16:08	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*0*	*X*	*60 - 154*	*11/04/19 06:56*	*11/06/19 16:08*	*50*
DCB Decachlorobiphenyl	*0*	*X*	*65 - 174*	*11/04/19 06:56*	*11/06/19 16:08*	*50*

Client Sample ID: OS-SS-03
Lab Sample ID: 480-161936-6

Date Collected: 10/30/19 12:45
Matrix: Solid
Date Received: 10/31/19 08:20
Percent Solids: 83.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		2.4	0.47	mg/Kg	☼	11/04/19 06:56	11/06/19 16:20	10
PCB-1221	ND		2.4	0.47	mg/Kg	☼	11/04/19 06:56	11/06/19 16:20	10
PCB-1232	ND		2.4	0.47	mg/Kg	☼	11/04/19 06:56	11/06/19 16:20	10
PCB-1242	ND		2.4	0.47	mg/Kg	☼	11/04/19 06:56	11/06/19 16:20	10
PCB-1248	**21**		2.4	0.47	mg/Kg	☼	11/04/19 06:56	11/06/19 16:20	10
PCB-1254	ND		2.4	1.1	mg/Kg	☼	11/04/19 06:56	11/06/19 16:20	10
PCB-1260	ND		2.4	1.1	mg/Kg	☼	11/04/19 06:56	11/06/19 16:20	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*79*		*60 - 154*	*11/04/19 06:56*	*11/06/19 16:20*	*10*
DCB Decachlorobiphenyl	*97*		*65 - 174*	*11/04/19 06:56*	*11/06/19 16:20*	*10*

Client: New York State D.E.C.
Job ID: 480-161936-1
Project/Site: Loucks Rd Ext. - Off-site #C734145A

Client Sample ID: OS-SS-04
Lab Sample ID: 480-161936-7
Date Collected: 10/30/19 13:00
Matrix: Solid
Date Received: 10/31/19 08:20
Percent Solids: 78.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		3.1	0.60	mg/Kg	☼	11/04/19 06:56	11/06/19 16:33	10
PCB-1221	ND		3.1	0.60	mg/Kg	☼	11/04/19 06:56	11/06/19 16:33	10
PCB-1232	ND		3.1	0.60	mg/Kg	☼	11/04/19 06:56	11/06/19 16:33	10
PCB-1242	ND		3.1	0.60	mg/Kg	☼	11/04/19 06:56	11/06/19 16:33	10
PCB-1248	**33**		3.1	0.60	mg/Kg	☼	11/04/19 06:56	11/06/19 16:33	10
PCB-1254	ND		3.1	1.4	mg/Kg	☼	11/04/19 06:56	11/06/19 16:33	10
PCB-1260	ND		3.1	1.4	mg/Kg	☼	11/04/19 06:56	11/06/19 16:33	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*82*		*60 - 154*	*11/04/19 06:56*	*11/06/19 16:33*	*10*
DCB Decachlorobiphenyl	*87*		*65 - 174*	*11/04/19 06:56*	*11/06/19 16:33*	*10*

Client Sample ID: OS-SS-05
Lab Sample ID: 480-161936-8
Date Collected: 10/30/19 13:45
Matrix: Solid
Date Received: 10/31/19 08:20
Percent Solids: 85.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.24	0.046	mg/Kg	☼	11/04/19 06:56	11/05/19 23:41	1
PCB-1221	ND		0.24	0.046	mg/Kg	☼	11/04/19 06:56	11/05/19 23:41	1
PCB-1232	ND		0.24	0.046	mg/Kg	☼	11/04/19 06:56	11/05/19 23:41	1
PCB-1242	ND		0.24	0.046	mg/Kg	☼	11/04/19 06:56	11/05/19 23:41	1
PCB-1248	**7.6**		0.24	0.046	mg/Kg	☼	11/04/19 06:56	11/05/19 23:41	1
PCB-1254	ND		0.24	0.11	mg/Kg	☼	11/04/19 06:56	11/05/19 23:41	1
PCB-1260	ND		0.24	0.11	mg/Kg	☼	11/04/19 06:56	11/05/19 23:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*102*		*60 - 154*	*11/04/19 06:56*	*11/05/19 23:41*	*1*
DCB Decachlorobiphenyl	*104*		*65 - 174*	*11/04/19 06:56*	*11/05/19 23:41*	*1*

Client Sample ID: OS-SS-06
Lab Sample ID: 480-161936-9
Date Collected: 10/30/19 13:55
Matrix: Solid
Date Received: 10/31/19 08:20
Percent Solids: 80.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		2.4	0.48	mg/Kg	☼	11/04/19 06:56	11/06/19 16:45	10
PCB-1221	ND		2.4	0.48	mg/Kg	☼	11/04/19 06:56	11/06/19 16:45	10
PCB-1232	ND		2.4	0.48	mg/Kg	☼	11/04/19 06:56	11/06/19 16:45	10
PCB-1242	ND		2.4	0.48	mg/Kg	☼	11/04/19 06:56	11/06/19 16:45	10
PCB-1248	**29**		2.4	0.48	mg/Kg	☼	11/04/19 06:56	11/06/19 16:45	10
PCB-1254	ND		2.4	1.1	mg/Kg	☼	11/04/19 06:56	11/06/19 16:45	10
PCB-1260	ND		2.4	1.1	mg/Kg	☼	11/04/19 06:56	11/06/19 16:45	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*88*		*60 - 154*	*11/04/19 06:56*	*11/06/19 16:45*	*10*
DCB Decachlorobiphenyl	*90*		*65 - 174*	*11/04/19 06:56*	*11/06/19 16:45*	*10*

Client: New York State D.E.C.
Job ID: 480-161936-1
Project/Site: Loucks Rd Ext. - Off-site #C734145A

Client Sample ID: OS-SS-07
Lab Sample ID: 480-161936-10

Date Collected: 10/30/19 14:15
Matrix: Solid
Date Received: 10/31/19 08:20
Percent Solids: 84.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	F1	2.6	0.50	mg/Kg	☼	11/04/19 06:56	11/06/19 15:43	10
PCB-1221	ND		2.6	0.50	mg/Kg	☼	11/04/19 06:56	11/06/19 15:43	10
PCB-1232	ND		2.6	0.50	mg/Kg	☼	11/04/19 06:56	11/06/19 15:43	10
PCB-1242	ND		2.6	0.50	mg/Kg	☼	11/04/19 06:56	11/06/19 15:43	10
PCB-1248	**24**		2.6	0.50	mg/Kg	☼	11/04/19 06:56	11/06/19 15:43	10
PCB-1254	ND		2.6	1.2	mg/Kg	☼	11/04/19 06:56	11/06/19 15:43	10
PCB-1260	ND	F1	2.6	1.2	mg/Kg	☼	11/04/19 06:56	11/06/19 15:43	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*83*		*60 - 154*	*11/04/19 06:56*	*11/06/19 15:43*	*10*
DCB Decachlorobiphenyl	*84*		*65 - 174*	*11/04/19 06:56*	*11/06/19 15:43*	*10*

Client Sample ID: OS-SS-08
Lab Sample ID: 480-161936-11

Date Collected: 10/30/19 14:45
Matrix: Solid
Date Received: 10/31/19 08:20
Percent Solids: 80.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.25	0.049	mg/Kg	☼	11/04/19 06:56	11/06/19 00:06	1
PCB-1221	ND		0.25	0.049	mg/Kg	☼	11/04/19 06:56	11/06/19 00:06	1
PCB-1232	ND		0.25	0.049	mg/Kg	☼	11/04/19 06:56	11/06/19 00:06	1
PCB-1242	ND		0.25	0.049	mg/Kg	☼	11/04/19 06:56	11/06/19 00:06	1
PCB-1248	**1.7**		0.25	0.049	mg/Kg	☼	11/04/19 06:56	11/06/19 00:06	1
PCB-1254	ND		0.25	0.12	mg/Kg	☼	11/04/19 06:56	11/06/19 00:06	1
PCB-1260	ND		0.25	0.12	mg/Kg	☼	11/04/19 06:56	11/06/19 00:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*98*		*60 - 154*	*11/04/19 06:56*	*11/06/19 00:06*	*1*
DCB Decachlorobiphenyl	*102*		*65 - 174*	*11/04/19 06:56*	*11/06/19 00:06*	*1*

Client Sample ID: OS-SS-09
Lab Sample ID: 480-161936-12

Date Collected: 10/30/19 14:50
Matrix: Solid
Date Received: 10/31/19 08:20
Percent Solids: 79.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		5.0	0.99	mg/Kg	☼	11/04/19 06:56	11/06/19 16:57	20
PCB-1221	ND		5.0	0.99	mg/Kg	☼	11/04/19 06:56	11/06/19 16:57	20
PCB-1232	ND		5.0	0.99	mg/Kg	☼	11/04/19 06:56	11/06/19 16:57	20
PCB-1242	ND		5.0	0.99	mg/Kg	☼	11/04/19 06:56	11/06/19 16:57	20
PCB-1248	**47**		5.0	0.99	mg/Kg	☼	11/04/19 06:56	11/06/19 16:57	20
PCB-1254	ND		5.0	2.4	mg/Kg	☼	11/04/19 06:56	11/06/19 16:57	20
PCB-1260	ND		5.0	2.4	mg/Kg	☼	11/04/19 06:56	11/06/19 16:57	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*53*	*X*	*60 - 154*	*11/04/19 06:56*	*11/06/19 16:57*	*20*
DCB Decachlorobiphenyl	*49*	*X*	*65 - 174*	*11/04/19 06:56*	*11/06/19 16:57*	*20*

Client Sample ID: OS-SS-10
Lab Sample ID: 480-161936-13

Date Collected: 10/30/19 15:00
Matrix: Solid
Date Received: 10/31/19 08:20
Percent Solids: 81.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		25	4.8	mg/Kg	☼	11/04/19 06:56	11/06/19 17:10	100
PCB-1221	ND		25	4.8	mg/Kg	☼	11/04/19 06:56	11/06/19 17:10	100
PCB-1232	ND		25	4.8	mg/Kg	☼	11/04/19 06:56	11/06/19 17:10	100
PCB-1242	ND		25	4.8	mg/Kg	☼	11/04/19 06:56	11/06/19 17:10	100
PCB-1248	**260**		25	4.8	mg/Kg	☼	11/04/19 06:56	11/06/19 17:10	100
PCB-1254	ND		25	12	mg/Kg	☼	11/04/19 06:56	11/06/19 17:10	100
PCB-1260	ND		25	12	mg/Kg	☼	11/04/19 06:56	11/06/19 17:10	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*0*	*X*	*60 - 154*	*11/04/19 06:56*	*11/06/19 17:10*	*100*
DCB Decachlorobiphenyl	*0*	*X*	*65 - 174*	*11/04/19 06:56*	*11/06/19 17:10*	*100*

Client Sample ID: OS-SS-11
Lab Sample ID: 480-161936-14

Date Collected: 10/30/19 15:15
Matrix: Solid
Date Received: 10/31/19 08:20
Percent Solids: 77.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		2.9	0.57	mg/Kg	☼	11/09/19 07:50	11/14/19 22:32	10
PCB-1221	ND		2.9	0.57	mg/Kg	☼	11/09/19 07:50	11/14/19 22:32	10
PCB-1232	ND		2.9	0.57	mg/Kg	☼	11/09/19 07:50	11/14/19 22:32	10
PCB-1242	ND		2.9	0.57	mg/Kg	☼	11/09/19 07:50	11/14/19 22:32	10
PCB-1248	**32**		2.9	0.57	mg/Kg	☼	11/09/19 07:50	11/14/19 22:32	10
PCB-1254	ND		2.9	1.4	mg/Kg	☼	11/09/19 07:50	11/14/19 22:32	10
PCB-1260	ND		2.9	1.4	mg/Kg	☼	11/09/19 07:50	11/14/19 22:32	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*75*		*60 - 154*	*11/09/19 07:50*	*11/14/19 22:32*	*10*
DCB Decachlorobiphenyl	*75*		*65 - 174*	*11/09/19 07:50*	*11/14/19 22:32*	*10*

Client Sample ID: OS-SB-11 (0.17-0.5)
Lab Sample ID: 480-161936-15

Date Collected: 10/30/19 15:30
Matrix: Solid
Date Received: 10/31/19 08:20
Percent Solids: 78.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		2.6	0.52	mg/Kg	☼	11/09/19 07:50	11/14/19 22:44	10
PCB-1221	ND		2.6	0.52	mg/Kg	☼	11/09/19 07:50	11/14/19 22:44	10
PCB-1232	ND		2.6	0.52	mg/Kg	☼	11/09/19 07:50	11/14/19 22:44	10
PCB-1242	ND		2.6	0.52	mg/Kg	☼	11/09/19 07:50	11/14/19 22:44	10
PCB-1248	**28**		2.6	0.52	mg/Kg	☼	11/09/19 07:50	11/14/19 22:44	10
PCB-1254	ND		2.6	1.2	mg/Kg	☼	11/09/19 07:50	11/14/19 22:44	10
PCB-1260	ND		2.6	1.2	mg/Kg	☼	11/09/19 07:50	11/14/19 22:44	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*76*		*60 - 154*	*11/09/19 07:50*	*11/14/19 22:44*	*10*
DCB Decachlorobiphenyl	*81*		*65 - 174*	*11/09/19 07:50*	*11/14/19 22:44*	*10*

Client Sample ID: OS-SS-11 (0.5-1)

Lab Sample ID: 480-161936-16

Date Collected: 10/30/19 15:35
Matrix: Solid
Date Received: 10/31/19 08:20
Percent Solids: 79.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.25	0.049	mg/Kg	☼	11/09/19 07:50	11/12/19 19:57	1
PCB-1221	ND		0.25	0.049	mg/Kg	☼	11/09/19 07:50	11/12/19 19:57	1
PCB-1232	ND		0.25	0.049	mg/Kg	☼	11/09/19 07:50	11/12/19 19:57	1
PCB-1242	ND		0.25	0.049	mg/Kg	☼	11/09/19 07:50	11/12/19 19:57	1
PCB-1248	**1.0**		0.25	0.049	mg/Kg	☼	11/09/19 07:50	11/12/19 19:57	1
PCB-1254	ND		0.25	0.12	mg/Kg	☼	11/09/19 07:50	11/12/19 19:57	1
PCB-1260	ND		0.25	0.12	mg/Kg	☼	11/09/19 07:50	11/12/19 19:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*115*		*60 - 154*	*11/09/19 07:50*	*11/12/19 19:57*	*1*
DCB Decachlorobiphenyl	*114*		*65 - 174*	*11/09/19 07:50*	*11/12/19 19:57*	*1*

Client Sample ID: OS-SS-99

Lab Sample ID: 480-161936-17

Date Collected: 10/30/19 00:00
Matrix: Solid
Date Received: 10/31/19 08:20
Percent Solids: 83.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.23	0.046	mg/Kg	☼	11/09/19 07:50	11/12/19 20:10	1
PCB-1221	ND		0.23	0.046	mg/Kg	☼	11/09/19 07:50	11/12/19 20:10	1
PCB-1232	ND		0.23	0.046	mg/Kg	☼	11/09/19 07:50	11/12/19 20:10	1
PCB-1242	ND		0.23	0.046	mg/Kg	☼	11/09/19 07:50	11/12/19 20:10	1
PCB-1248	**5.8**		0.23	0.046	mg/Kg	☼	11/09/19 07:50	11/12/19 20:10	1
PCB-1254	ND		0.23	0.11	mg/Kg	☼	11/09/19 07:50	11/12/19 20:10	1
PCB-1260	ND		0.23	0.11	mg/Kg	☼	11/09/19 07:50	11/12/19 20:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*115*		*60 - 154*	*11/09/19 07:50*	*11/12/19 20:10*	*1*
DCB Decachlorobiphenyl	*121*		*65 - 174*	*11/09/19 07:50*	*11/12/19 20:10*	*1*

Surrogate Summary

Client: New York State D.E.C.
Project/Site: Loucks Rd Ext. - Off-site #C734145A

Job ID: 480-161936-1

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX2	DCBP2
Lab Sample ID	Client Sample ID	(60-154)	(65-174)
480-161936-1	RA-SS-01	85	92
480-161936-2	RB-SS-01	85	87
480-161936-3	RC-SS-01	92	90
480-161936-8	OS-SS-05	102	104
480-161936-11	OS-SS-08	98	102
LCS 480-502023/2-A	Lab Control Sample	105	102
MB 480-502023/1-A	Method Blank	79	74

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX1	DCBP1
Lab Sample ID	Client Sample ID	(60-154)	(65-174)
480-161936-4	OS-SS-01	91	87
480-161936-5	OS-SS-02	0 X	0 X
480-161936-6	OS-SS-03	79	97
480-161936-7	OS-SS-04	82	87
480-161936-9	OS-SS-06	88	90
480-161936-10	OS-SS-07	83	84
480-161936-10 MS	OS-SS-07	90	122
480-161936-10 MSD	OS-SS-07	99	118
480-161936-12	OS-SS-09	53 X	49 X
480-161936-13	OS-SS-10	0 X	0 X
480-161936-14	OS-SS-11	75	75
480-161936-15	OS-SB-11 (0.17-0.5)	76	81
480-161936-16	OS-SS-11 (0.5-1)	115	114
480-161936-17	OS-SS-99	115	121
LCS 480-503356/2-A	Lab Control Sample	121	123
MB 480-503356/1-A	Method Blank	112	120

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

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

Lab Sample ID: MB 480-502023/1-A
Matrix: Solid
Analysis Batch: 502448

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 502023

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.17	0.033	mg/Kg		11/04/19 06:56	11/05/19 19:21	1
PCB-1221	ND		0.17	0.033	mg/Kg		11/04/19 06:56	11/05/19 19:21	1
PCB-1232	ND		0.17	0.033	mg/Kg		11/04/19 06:56	11/05/19 19:21	1
PCB-1242	ND		0.17	0.033	mg/Kg		11/04/19 06:56	11/05/19 19:21	1
PCB-1248	ND		0.17	0.033	mg/Kg		11/04/19 06:56	11/05/19 19:21	1
PCB-1254	ND		0.17	0.080	mg/Kg		11/04/19 06:56	11/05/19 19:21	1
PCB-1260	ND		0.17	0.080	mg/Kg		11/04/19 06:56	11/05/19 19:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*79*		*60 - 154*	*11/04/19 06:56*	*11/05/19 19:21*	*1*
DCB Decachlorobiphenyl	*74*		*65 - 174*	*11/04/19 06:56*	*11/05/19 19:21*	*1*

Lab Sample ID: LCS 480-502023/2-A
Matrix: Solid
Analysis Batch: 502448

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 502023

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016			1.87	2.07		mg/Kg		111	51 - 185		
PCB-1260			1.87	1.94		mg/Kg		103	61 - 184		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*105*		*60 - 154*
DCB Decachlorobiphenyl	*102*		*65 - 174*

Lab Sample ID: 480-161936-10 MS
Matrix: Solid
Analysis Batch: 502690

Client Sample ID: OS-SS-07
Prep Type: Total/NA
Prep Batch: 502023

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016	ND	F1	2.77	17.1	F1	mg/Kg	☼	617	50 - 177		
PCB-1260	ND	F1	2.77	7.50	F1	mg/Kg	☼	271	33 - 200		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*90*		*60 - 154*
DCB Decachlorobiphenyl	*122*		*65 - 174*

Lab Sample ID: 480-161936-10 MSD
Matrix: Solid
Analysis Batch: 502690

Client Sample ID: OS-SS-07
Prep Type: Total/NA
Prep Batch: 502023

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	ND	F1	2.51	15.1	F1	mg/Kg	☼	601	50 - 177	13	50
PCB-1260	ND	F1	2.51	6.64	F1	mg/Kg	☼	265	33 - 200	12	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*99*		*60 - 154*
DCB Decachlorobiphenyl	*118*		*65 - 174*

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

Lab Sample ID: MB 480-503356/1-A
Matrix: Solid
Analysis Batch: 503922

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 503356

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.25	0.049	mg/Kg		11/09/19 07:50	11/12/19 15:24	1
PCB-1221	ND		0.25	0.049	mg/Kg		11/09/19 07:50	11/12/19 15:24	1
PCB-1232	ND		0.25	0.049	mg/Kg		11/09/19 07:50	11/12/19 15:24	1
PCB-1242	ND		0.25	0.049	mg/Kg		11/09/19 07:50	11/12/19 15:24	1
PCB-1248	ND		0.25	0.049	mg/Kg		11/09/19 07:50	11/12/19 15:24	1
PCB-1254	ND		0.25	0.12	mg/Kg		11/09/19 07:50	11/12/19 15:24	1
PCB-1260	ND		0.25	0.12	mg/Kg		11/09/19 07:50	11/12/19 15:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*112*		*60 - 154*	*11/09/19 07:50*	*11/12/19 15:24*	*1*
DCB Decachlorobiphenyl	*120*		*65 - 174*	*11/09/19 07:50*	*11/12/19 15:24*	*1*

Lab Sample ID: LCS 480-503356/2-A
Matrix: Solid
Analysis Batch: 503922

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 503356

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016			2.40	2.66		mg/Kg		111	51 - 185		
PCB-1260			2.40	2.67		mg/Kg		111	61 - 184		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*121*		*60 - 154*
DCB Decachlorobiphenyl	*123*		*65 - 174*

GC Semi VOA

Prep Batch: 502023

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-161936-1	RA-SS-01	Total/NA	Solid	3550C	
480-161936-2	RB-SS-01	Total/NA	Solid	3550C	
480-161936-3	RC-SS-01	Total/NA	Solid	3550C	
480-161936-4	OS-SS-01	Total/NA	Solid	3550C	
480-161936-5	OS-SS-02	Total/NA	Solid	3550C	
480-161936-6	OS-SS-03	Total/NA	Solid	3550C	
480-161936-7	OS-SS-04	Total/NA	Solid	3550C	
480-161936-8	OS-SS-05	Total/NA	Solid	3550C	
480-161936-9	OS-SS-06	Total/NA	Solid	3550C	
480-161936-10	OS-SS-07	Total/NA	Solid	3550C	
480-161936-11	OS-SS-08	Total/NA	Solid	3550C	
480-161936-12	OS-SS-09	Total/NA	Solid	3550C	
480-161936-13	OS-SS-10	Total/NA	Solid	3550C	
MB 480-502023/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-502023/2-A	Lab Control Sample	Total/NA	Solid	3550C	
480-161936-10 MS	OS-SS-07	Total/NA	Solid	3550C	
480-161936-10 MSD	OS-SS-07	Total/NA	Solid	3550C	

Analysis Batch: 502448

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-161936-1	RA-SS-01	Total/NA	Solid	8082A	502023
480-161936-2	RB-SS-01	Total/NA	Solid	8082A	502023
480-161936-3	RC-SS-01	Total/NA	Solid	8082A	502023
480-161936-8	OS-SS-05	Total/NA	Solid	8082A	502023
480-161936-11	OS-SS-08	Total/NA	Solid	8082A	502023
MB 480-502023/1-A	Method Blank	Total/NA	Solid	8082A	502023
LCS 480-502023/2-A	Lab Control Sample	Total/NA	Solid	8082A	502023

Analysis Batch: 502690

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-161936-4	OS-SS-01	Total/NA	Solid	8082A	502023
480-161936-5	OS-SS-02	Total/NA	Solid	8082A	502023
480-161936-6	OS-SS-03	Total/NA	Solid	8082A	502023
480-161936-7	OS-SS-04	Total/NA	Solid	8082A	502023
480-161936-9	OS-SS-06	Total/NA	Solid	8082A	502023
480-161936-10	OS-SS-07	Total/NA	Solid	8082A	502023
480-161936-12	OS-SS-09	Total/NA	Solid	8082A	502023
480-161936-13	OS-SS-10	Total/NA	Solid	8082A	502023
480-161936-10 MS	OS-SS-07	Total/NA	Solid	8082A	502023
480-161936-10 MSD	OS-SS-07	Total/NA	Solid	8082A	502023

Prep Batch: 503356

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-161936-14	OS-SS-11	Total/NA	Solid	3550C	
480-161936-15	OS-SB-11 (0.17-0.5)	Total/NA	Solid	3550C	
480-161936-16	OS-SS-11 (0.5-1)	Total/NA	Solid	3550C	
480-161936-17	OS-SS-99	Total/NA	Solid	3550C	
MB 480-503356/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-503356/2-A	Lab Control Sample	Total/NA	Solid	3550C	

QC Association Summary

Client: New York State D.E.C.
Job ID: 480-161936-1
Project/Site: Loucks Rd Ext. - Off-site #C734145A

GC Semi VOA

Analysis Batch: 503922

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-161936-16	OS-SS-11 (0.5-1)	Total/NA	Solid	8082A	503356
480-161936-17	OS-SS-99	Total/NA	Solid	8082A	503356
MB 480-503356/1-A	Method Blank	Total/NA	Solid	8082A	503356
LCS 480-503356/2-A	Lab Control Sample	Total/NA	Solid	8082A	503356

Analysis Batch: 504602

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-161936-14	OS-SS-11	Total/NA	Solid	8082A	503356
480-161936-15	OS-SB-11 (0.17-0.5)	Total/NA	Solid	8082A	503356

General Chemistry

Analysis Batch: 502128

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-161936-1	RA-SS-01	Total/NA	Solid	Moisture	
480-161936-2	RB-SS-01	Total/NA	Solid	Moisture	
480-161936-3	RC-SS-01	Total/NA	Solid	Moisture	
480-161936-4	OS-SS-01	Total/NA	Solid	Moisture	
480-161936-5	OS-SS-02	Total/NA	Solid	Moisture	
480-161936-6	OS-SS-03	Total/NA	Solid	Moisture	
480-161936-7	OS-SS-04	Total/NA	Solid	Moisture	
480-161936-8	OS-SS-05	Total/NA	Solid	Moisture	
480-161936-9	OS-SS-06	Total/NA	Solid	Moisture	
480-161936-10	OS-SS-07	Total/NA	Solid	Moisture	
480-161936-11	OS-SS-08	Total/NA	Solid	Moisture	
480-161936-12	OS-SS-09	Total/NA	Solid	Moisture	
480-161936-13	OS-SS-10	Total/NA	Solid	Moisture	
480-161936-14	OS-SS-11	Total/NA	Solid	Moisture	
480-161936-15	OS-SB-11 (0.17-0.5)	Total/NA	Solid	Moisture	
480-161936-16	OS-SS-11 (0.5-1)	Total/NA	Solid	Moisture	
480-161936-17	OS-SS-99	Total/NA	Solid	Moisture	
480-161936-10 MS	OS-SS-07	Total/NA	Solid	Moisture	
480-161936-10 MSD	OS-SS-07	Total/NA	Solid	Moisture	

Lab Chronicle

Client: New York State D.E.C.
Job ID: 480-161936-1
Project/Site: Loucks Rd Ext. - Off-site #C734145A

Client Sample ID: RA-SS-01
Lab Sample ID: 480-161936-1
Date Collected: 10/30/19 10:15
Matrix: Solid
Date Received: 10/31/19 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	502128	11/04/19 12:11	BAS	TAL BUF

Client Sample ID: RA-SS-01
Lab Sample ID: 480-161936-1
Date Collected: 10/30/19 10:15
Matrix: Solid
Date Received: 10/31/19 08:20
Percent Solids: 79.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			502023	11/04/19 06:56	SMP	TAL BUF
Total/NA	Analysis	8082A		1	502448	11/05/19 22:14	DSC	TAL BUF

Client Sample ID: RB-SS-01
Lab Sample ID: 480-161936-2
Date Collected: 10/30/19 10:30
Matrix: Solid
Date Received: 10/31/19 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	502128	11/04/19 12:11	BAS	TAL BUF

Client Sample ID: RB-SS-01
Lab Sample ID: 480-161936-2
Date Collected: 10/30/19 10:30
Matrix: Solid
Date Received: 10/31/19 08:20
Percent Solids: 82.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			502023	11/04/19 06:56	SMP	TAL BUF
Total/NA	Analysis	8082A		1	502448	11/05/19 22:27	DSC	TAL BUF

Client Sample ID: RC-SS-01
Lab Sample ID: 480-161936-3
Date Collected: 10/30/19 11:15
Matrix: Solid
Date Received: 10/31/19 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	502128	11/04/19 12:11	BAS	TAL BUF

Client Sample ID: RC-SS-01
Lab Sample ID: 480-161936-3
Date Collected: 10/30/19 11:15
Matrix: Solid
Date Received: 10/31/19 08:20
Percent Solids: 79.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			502023	11/04/19 06:56	SMP	TAL BUF
Total/NA	Analysis	8082A		1	502448	11/05/19 22:39	DSC	TAL BUF

Client Sample ID: OS-SS-01
Lab Sample ID: 480-161936-4
Date Collected: 10/30/19 11:45
Matrix: Solid
Date Received: 10/31/19 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	502128	11/04/19 12:11	BAS	TAL BUF

Lab Chronicle

Client: New York State D.E.C.
Job ID: 480-161936-1
Project/Site: Loucks Rd Ext. - Off-site #C734145A

Client Sample ID: OS-SS-01
Lab Sample ID: 480-161936-4
Date Collected: 10/30/19 11:45
Matrix: Solid
Date Received: 10/31/19 08:20
Percent Solids: 71.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			502023	11/04/19 06:56	SMP	TAL BUF
Total/NA	Analysis	8082A		10	502690	11/06/19 15:55	W1T	TAL BUF

Client Sample ID: OS-SS-02
Lab Sample ID: 480-161936-5
Date Collected: 10/30/19 12:30
Matrix: Solid
Date Received: 10/31/19 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	502128	11/04/19 12:11	BAS	TAL BUF

Client Sample ID: OS-SS-02
Lab Sample ID: 480-161936-5
Date Collected: 10/30/19 12:30
Matrix: Solid
Date Received: 10/31/19 08:20
Percent Solids: 85.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			502023	11/04/19 06:56	SMP	TAL BUF
Total/NA	Analysis	8082A		50	502690	11/06/19 16:08	W1T	TAL BUF

Client Sample ID: OS-SS-03
Lab Sample ID: 480-161936-6
Date Collected: 10/30/19 12:45
Matrix: Solid
Date Received: 10/31/19 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	502128	11/04/19 12:11	BAS	TAL BUF

Client Sample ID: OS-SS-03
Lab Sample ID: 480-161936-6
Date Collected: 10/30/19 12:45
Matrix: Solid
Date Received: 10/31/19 08:20
Percent Solids: 83.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			502023	11/04/19 06:56	SMP	TAL BUF
Total/NA	Analysis	8082A		10	502690	11/06/19 16:20	W1T	TAL BUF

Client Sample ID: OS-SS-04
Lab Sample ID: 480-161936-7
Date Collected: 10/30/19 13:00
Matrix: Solid
Date Received: 10/31/19 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	502128	11/04/19 12:11	BAS	TAL BUF

Lab Chronicle

Client: New York State D.E.C.
Job ID: 480-161936-1
Project/Site: Loucks Rd Ext. - Off-site #C734145A

Client Sample ID: OS-SS-04
Lab Sample ID: 480-161936-7
Date Collected: 10/30/19 13:00
Matrix: Solid
Date Received: 10/31/19 08:20
Percent Solids: 78.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			502023	11/04/19 06:56	SMP	TAL BUF
Total/NA	Analysis	8082A		10	502690	11/06/19 16:33	W1T	TAL BUF

Client Sample ID: OS-SS-05
Lab Sample ID: 480-161936-8
Date Collected: 10/30/19 13:45
Matrix: Solid
Date Received: 10/31/19 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	502128	11/04/19 12:11	BAS	TAL BUF

Client Sample ID: OS-SS-05
Lab Sample ID: 480-161936-8
Date Collected: 10/30/19 13:45
Matrix: Solid
Date Received: 10/31/19 08:20
Percent Solids: 85.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			502023	11/04/19 06:56	SMP	TAL BUF
Total/NA	Analysis	8082A		1	502448	11/05/19 23:41	DSC	TAL BUF

Client Sample ID: OS-SS-06
Lab Sample ID: 480-161936-9
Date Collected: 10/30/19 13:55
Matrix: Solid
Date Received: 10/31/19 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	502128	11/04/19 12:11	BAS	TAL BUF

Client Sample ID: OS-SS-06
Lab Sample ID: 480-161936-9
Date Collected: 10/30/19 13:55
Matrix: Solid
Date Received: 10/31/19 08:20
Percent Solids: 80.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			502023	11/04/19 06:56	SMP	TAL BUF
Total/NA	Analysis	8082A		10	502690	11/06/19 16:45	W1T	TAL BUF

Client Sample ID: OS-SS-07
Lab Sample ID: 480-161936-10
Date Collected: 10/30/19 14:15
Matrix: Solid
Date Received: 10/31/19 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	502128	11/04/19 12:11	BAS	TAL BUF

Lab Chronicle

Client: New York State D.E.C.
Job ID: 480-161936-1
Project/Site: Loucks Rd Ext. - Off-site #C734145A

Client Sample ID: OS-SS-07
Lab Sample ID: 480-161936-10
Date Collected: 10/30/19 14:15
Matrix: Solid
Date Received: 10/31/19 08:20
Percent Solids: 84.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			502023	11/04/19 06:56	SMP	TAL BUF
Total/NA	Analysis	8082A		10	502690	11/06/19 15:43	W1T	TAL BUF

Client Sample ID: OS-SS-08
Lab Sample ID: 480-161936-11
Date Collected: 10/30/19 14:45
Matrix: Solid
Date Received: 10/31/19 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	502128	11/04/19 12:11	BAS	TAL BUF

Client Sample ID: OS-SS-08
Lab Sample ID: 480-161936-11
Date Collected: 10/30/19 14:45
Matrix: Solid
Date Received: 10/31/19 08:20
Percent Solids: 80.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			502023	11/04/19 06:56	SMP	TAL BUF
Total/NA	Analysis	8082A		1	502448	11/06/19 00:06	DSC	TAL BUF

Client Sample ID: OS-SS-09
Lab Sample ID: 480-161936-12
Date Collected: 10/30/19 14:50
Matrix: Solid
Date Received: 10/31/19 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	502128	11/04/19 12:11	BAS	TAL BUF

Client Sample ID: OS-SS-09
Lab Sample ID: 480-161936-12
Date Collected: 10/30/19 14:50
Matrix: Solid
Date Received: 10/31/19 08:20
Percent Solids: 79.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			502023	11/04/19 06:56	SMP	TAL BUF
Total/NA	Analysis	8082A		20	502690	11/06/19 16:57	W1T	TAL BUF

Client Sample ID: OS-SS-10
Lab Sample ID: 480-161936-13
Date Collected: 10/30/19 15:00
Matrix: Solid
Date Received: 10/31/19 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	502128	11/04/19 12:11	BAS	TAL BUF

Lab Chronicle

Client: New York State D.E.C.
Job ID: 480-161936-1
Project/Site: Loucks Rd Ext. - Off-site #C734145A

Client Sample ID: OS-SS-10
Lab Sample ID: 480-161936-13
Date Collected: 10/30/19 15:00
Matrix: Solid
Date Received: 10/31/19 08:20
Percent Solids: 81.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			502023	11/04/19 06:56	SMP	TAL BUF
Total/NA	Analysis	8082A		100	502690	11/06/19 17:10	W1T	TAL BUF

Client Sample ID: OS-SS-11
Lab Sample ID: 480-161936-14
Date Collected: 10/30/19 15:15
Matrix: Solid
Date Received: 10/31/19 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	502128	11/04/19 12:11	BAS	TAL BUF

Client Sample ID: OS-SS-11
Lab Sample ID: 480-161936-14
Date Collected: 10/30/19 15:15
Matrix: Solid
Date Received: 10/31/19 08:20
Percent Solids: 77.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			503356	11/09/19 07:50	ELS	TAL BUF
Total/NA	Analysis	8082A		10	504602	11/14/19 22:32	W1T	TAL BUF

Client Sample ID: OS-SB-11 (0.17-0.5)
Lab Sample ID: 480-161936-15
Date Collected: 10/30/19 15:30
Matrix: Solid
Date Received: 10/31/19 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	502128	11/04/19 12:11	BAS	TAL BUF

Client Sample ID: OS-SB-11 (0.17-0.5)
Lab Sample ID: 480-161936-15
Date Collected: 10/30/19 15:30
Matrix: Solid
Date Received: 10/31/19 08:20
Percent Solids: 78.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			503356	11/09/19 07:50	ELS	TAL BUF
Total/NA	Analysis	8082A		10	504602	11/14/19 22:44	W1T	TAL BUF

Client Sample ID: OS-SS-11 (0.5-1)
Lab Sample ID: 480-161936-16
Date Collected: 10/30/19 15:35
Matrix: Solid
Date Received: 10/31/19 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	502128	11/04/19 12:11	BAS	TAL BUF

Lab Chronicle

Client: New York State D.E.C.
Job ID: 480-161936-1
Project/Site: Loucks Rd Ext. - Off-site #C734145A

Client Sample ID: OS-SS-11 (0.5-1)
Lab Sample ID: 480-161936-16

Date Collected: 10/30/19 15:35
Matrix: Solid
Date Received: 10/31/19 08:20
Percent Solids: 79.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			503356	11/09/19 07:50	ELS	TAL BUF
Total/NA	Analysis	8082A		1	503922	11/12/19 19:57	W1T	TAL BUF

Client Sample ID: OS-SS-99
Lab Sample ID: 480-161936-17

Date Collected: 10/30/19 00:00
Matrix: Solid
Date Received: 10/31/19 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	502128	11/04/19 12:11	BAS	TAL BUF

Client Sample ID: OS-SS-99
Lab Sample ID: 480-161936-17

Date Collected: 10/30/19 00:00
Matrix: Solid
Date Received: 10/31/19 08:20
Percent Solids: 83.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			503356	11/09/19 07:50	ELS	TAL BUF
Total/NA	Analysis	8082A		1	503922	11/12/19 20:10	W1T	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

Client: New York State D.E.C.
Job ID: 480-161936-1
Project/Site: Loucks Rd Ext. - Off-site #C734145A

Laboratory: Eurofins TestAmerica, 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	03-31-20

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

Method Summary

Client: New York State D.E.C.
Job ID: 480-161936-1
Project/Site: Loucks Rd Ext. - Off-site #C734145A

Method	Method Description	Protocol	Laboratory
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF
Moisture	Percent Moisture	EPA	TAL BUF
3550C	Ultrasonic Extraction	SW846	TAL 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:

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

Sample Summary

Client: New York State D.E.C.
Job ID: 480-161936-1
Project/Site: Loucks Rd Ext. - Off-site #C734145A

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-161936-1	RA-SS-01	Solid	10/30/19 10:15	10/31/19 08:20	
480-161936-2	RB-SS-01	Solid	10/30/19 10:30	10/31/19 08:20	
480-161936-3	RC-SS-01	Solid	10/30/19 11:15	10/31/19 08:20	
480-161936-4	OS-SS-01	Solid	10/30/19 11:45	10/31/19 08:20	
480-161936-5	OS-SS-02	Solid	10/30/19 12:30	10/31/19 08:20	
480-161936-6	OS-SS-03	Solid	10/30/19 12:45	10/31/19 08:20	
480-161936-7	OS-SS-04	Solid	10/30/19 13:00	10/31/19 08:20	
480-161936-8	OS-SS-05	Solid	10/30/19 13:45	10/31/19 08:20	
480-161936-9	OS-SS-06	Solid	10/30/19 13:55	10/31/19 08:20	
480-161936-10	OS-SS-07	Solid	10/30/19 14:15	10/31/19 08:20	
480-161936-11	OS-SS-08	Solid	10/30/19 14:45	10/31/19 08:20	
480-161936-12	OS-SS-09	Solid	10/30/19 14:50	10/31/19 08:20	
480-161936-13	OS-SS-10	Solid	10/30/19 15:00	10/31/19 08:20	
480-161936-14	OS-SS-11	Solid	10/30/19 15:15	10/31/19 08:20	
480-161936-15	OS-SB-11 (0.17-0.5)	Solid	10/30/19 15:30	10/31/19 08:20	
480-161936-16	OS-SS-11 (0.5-1)	Solid	10/30/19 15:35	10/31/19 08:20	
480-161936-17	OS-SS-99	Solid	10/30/19 00:00	10/31/19 08:20	

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing TestAmerica

Syracuse

Client Information	Sampler: Karen Cahill	Lab PM: Stone, Judy L	Carrier Tracking No(s): #225	COC No: 480-137691-30961.1
Client Contact: Ms. Karen Cahill	Phone: 315-289-6788	E-Mail: judy.stone@testamericainc.com		Page: Page 1 of 2
Company: New York State D.E.C.				Job #:
Address: 615 Erie Blvd., West	Due Date Requested: 11/14/19			
City: Syracuse	TAT Requested (days): 10-Day			
State, Zip: NY, 13204				
Phone: 315-426-7400(Tel)	PO #: CallOut ID: 137487			
Email: karen.cahill@dec.ny.gov	WO #:			
Project Name: Loucks Rd Ext. - Off-site #C734145A	Project #: 48021185			
Site:	SSOW#:			

Analysis Requested

480-161936 Chain of Custody

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	Total Number of con	Special Instructions/Note:
			Preservation Code:				N		
RA-SS-01	10/30/19	1015	G	Solid			X		
RB-SS-01		1030		Solid					
RC-SS-01		1115		Solid					
OS-SS-01		1145		Solid					
OS-SS-02		1230		Solid					
OS-SS-03		1245		Solid					
OS-SS-04		1300		Solid					
OS-SS-05		1345		Solid					
OS-SS-06		1355		Solid					
OS-SS-07		1415		Solid					MS/MSD
OS-SS-08		1445		Solid					

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	KA	10/30/19 1630	DEC	Reinlich	10.30.19, 16:30	Syr
2	Reinlich	10:30-19, 19:00	Syr	Cole Rice	10/31/19 0800	TAB
3						

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: #1 3.1

Ver: 01/16/2019

11/18/2019

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing TestAmerica

Syracuse

Client Information	Sampler: Karen Cahill	Lab PM: Stone, Judy L	Carrier Tracking No(s): #225	COC No: 480-137691-30961.2
Client Contact: Ms. Karen Cahill	Phone: 315-289-6788	E-Mail: judy.stone@testamericainc.com		Page: Page 2 of 2
Company: New York State D.E.C.				Job #:
Address: 615 Erie Blvd., West	Due Date Requested: 11/14/19			
City: Syracuse	TAT Requested (days): 10-DAY			
State, Zip: NY, 13204				
Phone: 315-426-7400(Tel)	PO #: CallOut ID: 137487			
Email: karen.cahill@dec.ny.gov	WO #:			
Project Name: Loucks Rd Ext. - Off-site #C734145A	Project #: 48021185			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - TCL PCBs	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	N	X	
OS-SS-09	10/30/19	1450	G	Solid			X		
OS-SS-10		1500		Solid					
OS-SS-11		1515		Solid					
OS-SB-11 (0.17-0.5)		1530		Solid					
OS-SB-11 (0.5-1')		1535		Solid					
OS-SS-99		0000		Solid					
				Solid					
				Solid					
				Solid					
				Solid					
				Solid					

Rec 10.30.19

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by: KP	10/30/19 1630	DEC	R. Enright	10-30-19 16:30	SYR
Relinquished by:	Date/Time:	Company	Received by: C Wallace	Date/Time: 10/31/19 0820	Company: TAS
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-161936-1

Login Number: 161936

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Harper, Marcus D

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.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
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.	True	
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.	N/A	
Chlorine Residual checked.	N/A	