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Automated Report

Technical Report for

Arcadis

Elting's Corner PDI, South Street, Lloyd, NY

B0020540.0001

SGS Job Number: JC68819

Sampling Date: 06/26/18

Report to:

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Total number of pages in report: 25



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Nancy F. Cole

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Laboratory Director

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Sample Summary

Arcadis

Job No: JC68819

Elting's Corner PDI, South Street, Lloyd, NY
Project No: B0020540.0001

Sample Number	Collected			Received	Matrix		Client Sample ID
	Date	Time	By		Code	Type	
JC68819-1	06/26/18	16:25	JW	06/27/18	SO	Soil	EMBAY 5 (0-6)
JC68819-2	06/26/18	16:30	JW	06/27/18	SO	Soil	EMBAY 5 (1.5 FT)
JC68819-3	06/26/18	16:35	JW	06/27/18	SO	Soil	EMBAY 6 (0-6)
JC68819-4	06/26/18	16:40	JW	06/27/18	SO	Soil	EMBAY 6 (1.5 FT)
JC68819-4D	06/26/18	16:40	JW	06/27/18	SO	Soil Dup/MSD	EMBAY 6 (1.5 FT) MSD
JC68819-4S	06/26/18	16:40	JW	06/27/18	SO	Soil Matrix Spike	EMBAY 6 (1.5 FT) MS
JC68819-5	06/26/18	16:45	JW	06/27/18	SO	Soil	EMBAY 7 (0-6)
JC68819-6	06/26/18	16:50	JW	06/27/18	SO	Soil	EMBAY 7 (1.5 FT)
JC68819-7	06/26/18	16:55	JW	06/27/18	SO	Soil	EMBAY 8 (0-6)
JC68819-8	06/26/18	17:00	JW	06/27/18	SO	Soil	EMBAY 8 (1.5 FT)
JC68819-9	06/26/18	00:00	JW	06/27/18	SO	Soil	DUPLICATE
JC68819-10	06/26/18	17:05	JW	06/27/18	SO	Soil	EMBAY 9 (0-6)
JC68819-11	06/26/18	17:10	JW	06/27/18	SO	Soil	EMBAY 9 (1-1.5)

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Summary of Hits

Job Number: JC68819
Account: Arcadis
Project: Elting's Corner PDI, South Street, Lloyd, NY
Collected: 06/26/18

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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JC68819-1 EMBAY 5 (0-6)

No hits reported in this sample.

JC68819-2 EMBAY 5 (1.5 FT)

No hits reported in this sample.

JC68819-3 EMBAY 6 (0-6)

No hits reported in this sample.

JC68819-4 EMBAY 6 (1.5 FT)

No hits reported in this sample.

JC68819-5 EMBAY 7 (0-6)

Aroclor 1260 45.5 39 12 ug/kg SW846 8082A

JC68819-6 EMBAY 7 (1.5 FT)

No hits reported in this sample.

JC68819-7 EMBAY 8 (0-6)

Aroclor 1260 129 43 14 ug/kg SW846 8082A

JC68819-8 EMBAY 8 (1.5 FT)

Aroclor 1260 15.9 J 39 12 ug/kg SW846 8082A

JC68819-9 DUPLICATE

No hits reported in this sample.

JC68819-10 EMBAY 9 (0-6)

No hits reported in this sample.

JC68819-11 EMBAY 9 (1-1.5)

No hits reported in this sample.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	EMBAY 5 (0-6)	Date Sampled:	06/26/18
Lab Sample ID:	JC68819-1	Date Received:	06/27/18
Matrix:	SO - Soil	Percent Solids:	80.5
Method:	SW846 8082A SW846 3546		
Project:	Elting's Corner PDI, South Street, Lloyd, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX231548.D	1	06/29/18 10:46	CP	06/28/18 15:45	OP13128	GXX6399
Run #2							

	Initial Weight	Final Volume
Run #1	15.6 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	40	16	ug/kg	
11104-28-2	Aroclor 1221	ND	40	16	ug/kg	
11141-16-5	Aroclor 1232	ND	40	11	ug/kg	
53469-21-9	Aroclor 1242	ND	40	6.3	ug/kg	
12672-29-6	Aroclor 1248	ND	40	23	ug/kg	
11097-69-1	Aroclor 1254	ND	40	9.8	ug/kg	
11096-82-5	Aroclor 1260	ND	40	13	ug/kg	
11100-14-4	Aroclor 1268	ND	40	5.9	ug/kg	
37324-23-5	Aroclor 1262	ND	40	3.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	93%		24-152%
877-09-8	Tetrachloro-m-xylene	95%		24-152%
2051-24-3	Decachlorobiphenyl	75%		10-166%
2051-24-3	Decachlorobiphenyl	75%		10-166%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EMBAY 5 (1.5 FT)	
Lab Sample ID:	JC68819-2	Date Sampled: 06/26/18
Matrix:	SO - Soil	Date Received: 06/27/18
Method:	SW846 8082A SW846 3546	Percent Solids: 79.5
Project:	Elting's Corner PDI, South Street, Lloyd, NY	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX231549.D	1	06/29/18 11:03	CP	06/28/18 15:45	OP13128	GXX6399
Run #2							

	Initial Weight	Final Volume
Run #1	15.3 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	41	17	ug/kg	
11104-28-2	Aroclor 1221	ND	41	17	ug/kg	
11141-16-5	Aroclor 1232	ND	41	11	ug/kg	
53469-21-9	Aroclor 1242	ND	41	6.5	ug/kg	
12672-29-6	Aroclor 1248	ND	41	24	ug/kg	
11097-69-1	Aroclor 1254	ND	41	10	ug/kg	
11096-82-5	Aroclor 1260	ND	41	13	ug/kg	
11100-14-4	Aroclor 1268	ND	41	6.1	ug/kg	
37324-23-5	Aroclor 1262	ND	41	3.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	91%		24-152%
877-09-8	Tetrachloro-m-xylene	93%		24-152%
2051-24-3	Decachlorobiphenyl	75%		10-166%
2051-24-3	Decachlorobiphenyl	76%		10-166%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EMBAY 6 (0-6)	
Lab Sample ID:	JC68819-3	Date Sampled: 06/26/18
Matrix:	SO - Soil	Date Received: 06/27/18
Method:	SW846 8082A SW846 3546	Percent Solids: 30.0
Project:	Elting's Corner PDI, South Street, Lloyd, NY	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX231554.D	1	06/29/18 12:27	CP	06/28/18 15:45	OP13128	GXX6399
Run #2							

	Initial Weight	Final Volume
Run #1	15.4 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	110	44	ug/kg	
11104-28-2	Aroclor 1221	ND	110	44	ug/kg	
11141-16-5	Aroclor 1232	ND	110	29	ug/kg	
53469-21-9	Aroclor 1242	ND	110	17	ug/kg	
12672-29-6	Aroclor 1248	ND	110	63	ug/kg	
11097-69-1	Aroclor 1254	ND	110	27	ug/kg	
11096-82-5	Aroclor 1260	ND	110	34	ug/kg	
11100-14-4	Aroclor 1268	ND	110	16	ug/kg	
37324-23-5	Aroclor 1262	ND	110	8.2	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	71%		24-152%
877-09-8	Tetrachloro-m-xylene	91%		24-152%
2051-24-3	Decachlorobiphenyl	90%		10-166%
2051-24-3	Decachlorobiphenyl	60%		10-166%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EMBAY 6 (1.5 FT)	
Lab Sample ID:	JC68819-4	Date Sampled: 06/26/18
Matrix:	SO - Soil	Date Received: 06/27/18
Method:	SW846 8082A SW846 3546	Percent Solids: 72.6
Project:	Elting's Corner PDI, South Street, Lloyd, NY	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX231545.D	1	06/29/18 09:56	CP	06/28/18 15:45	OP13128	GXX6399
Run #2							

	Initial Weight	Final Volume
Run #1	15.5 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	44	18	ug/kg	
11104-28-2	Aroclor 1221	ND	44	18	ug/kg	
11141-16-5	Aroclor 1232	ND	44	12	ug/kg	
53469-21-9	Aroclor 1242	ND	44	7.1	ug/kg	
12672-29-6	Aroclor 1248	ND	44	26	ug/kg	
11097-69-1	Aroclor 1254	ND	44	11	ug/kg	
11096-82-5	Aroclor 1260	ND	44	14	ug/kg	
11100-14-4	Aroclor 1268	ND	44	6.6	ug/kg	
37324-23-5	Aroclor 1262	ND	44	3.4	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	73%		24-152%
877-09-8	Tetrachloro-m-xylene	94%		24-152%
2051-24-3	Decachlorobiphenyl	81%		10-166%
2051-24-3	Decachlorobiphenyl	79%		10-166%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EMBAY 7 (0-6)	Date Sampled:	06/26/18
Lab Sample ID:	JC68819-5	Date Received:	06/27/18
Matrix:	SO - Soil	Percent Solids:	80.1
Method:	SW846 8082A SW846 3546		
Project:	Elting's Corner PDI, South Street, Lloyd, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX231555.D	1	06/29/18 12:44	CP	06/28/18 15:45	OP13128	GXX6399
Run #2							

Run #	Initial Weight	Final Volume
Run #1	16.2 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	39	15	ug/kg	
11104-28-2	Aroclor 1221	ND	39	16	ug/kg	
11141-16-5	Aroclor 1232	ND	39	10	ug/kg	
53469-21-9	Aroclor 1242	ND	39	6.1	ug/kg	
12672-29-6	Aroclor 1248	ND	39	23	ug/kg	
11097-69-1	Aroclor 1254	ND	39	9.5	ug/kg	
11096-82-5	Aroclor 1260	45.5	39	12	ug/kg	
11100-14-4	Aroclor 1268	ND	39	5.7	ug/kg	
37324-23-5	Aroclor 1262	ND	39	2.9	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	82%		24-152%
877-09-8	Tetrachloro-m-xylene	87%		24-152%
2051-24-3	Decachlorobiphenyl	73%		10-166%
2051-24-3	Decachlorobiphenyl	73%		10-166%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EMBAY 7 (1.5 FT)	
Lab Sample ID:	JC68819-6	Date Sampled: 06/26/18
Matrix:	SO - Soil	Date Received: 06/27/18
Method:	SW846 8082A SW846 3546	Percent Solids: 76.0
Project:	Elting's Corner PDI, South Street, Lloyd, NY	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX231556.D	1	06/29/18 13:01	CP	06/28/18 15:45	OP13128	GXX6399
Run #2							

	Initial Weight	Final Volume
Run #1	16.6 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	40	16	ug/kg	
11104-28-2	Aroclor 1221	ND	40	16	ug/kg	
11141-16-5	Aroclor 1232	ND	40	11	ug/kg	
53469-21-9	Aroclor 1242	ND	40	6.3	ug/kg	
12672-29-6	Aroclor 1248	ND	40	23	ug/kg	
11097-69-1	Aroclor 1254	ND	40	9.7	ug/kg	
11096-82-5	Aroclor 1260	ND	40	13	ug/kg	
11100-14-4	Aroclor 1268	ND	40	5.9	ug/kg	
37324-23-5	Aroclor 1262	ND	40	3.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	92%		24-152%
877-09-8	Tetrachloro-m-xylene	93%		24-152%
2051-24-3	Decachlorobiphenyl	75%		10-166%
2051-24-3	Decachlorobiphenyl	78%		10-166%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EMBAY 8 (0-6)	Date Sampled:	06/26/18
Lab Sample ID:	JC68819-7	Date Received:	06/27/18
Matrix:	SO - Soil	Percent Solids:	70.6
Method:	SW846 8082A SW846 3546		
Project:	Elting's Corner PDI, South Street, Lloyd, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX231557.D	1	06/29/18 13:17	CP	06/28/18 15:45	OP13128	GXX6399
Run #2							

	Initial Weight	Final Volume
Run #1	16.3 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	43	17	ug/kg	
11104-28-2	Aroclor 1221	ND	43	18	ug/kg	
11141-16-5	Aroclor 1232	ND	43	12	ug/kg	
53469-21-9	Aroclor 1242	ND	43	6.9	ug/kg	
12672-29-6	Aroclor 1248	ND	43	25	ug/kg	
11097-69-1	Aroclor 1254	ND	43	11	ug/kg	
11096-82-5	Aroclor 1260	129	43	14	ug/kg	
11100-14-4	Aroclor 1268	ND	43	6.5	ug/kg	
37324-23-5	Aroclor 1262	ND	43	3.3	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	90%		24-152%
877-09-8	Tetrachloro-m-xylene	91%		24-152%
2051-24-3	Decachlorobiphenyl	74%		10-166%
2051-24-3	Decachlorobiphenyl	68%		10-166%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EMBAY 8 (1.5 FT)	
Lab Sample ID:	JC68819-8	Date Sampled: 06/26/18
Matrix:	SO - Soil	Date Received: 06/27/18
Method:	SW846 8082A SW846 3546	Percent Solids: 78.8
Project:	Elting's Corner PDI, South Street, Lloyd, NY	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX231558.D	1	06/29/18 13:34	CP	06/28/18 15:45	OP13128	GXX6399
Run #2							

	Initial Weight	Final Volume
Run #1	16.1 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	39	16	ug/kg	
11104-28-2	Aroclor 1221	ND	39	16	ug/kg	
11141-16-5	Aroclor 1232	ND	39	11	ug/kg	
53469-21-9	Aroclor 1242	ND	39	6.3	ug/kg	
12672-29-6	Aroclor 1248	ND	39	23	ug/kg	
11097-69-1	Aroclor 1254	ND	39	9.7	ug/kg	
11096-82-5	Aroclor 1260	15.9	39	12	ug/kg	J
11100-14-4	Aroclor 1268	ND	39	5.9	ug/kg	
37324-23-5	Aroclor 1262	ND	39	3.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	103%		24-152%
877-09-8	Tetrachloro-m-xylene	103%		24-152%
2051-24-3	Decachlorobiphenyl	80%		10-166%
2051-24-3	Decachlorobiphenyl	78%		10-166%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUPLICATE	
Lab Sample ID:	JC68819-9	Date Sampled: 06/26/18
Matrix:	SO - Soil	Date Received: 06/27/18
Method:	SW846 8082A SW846 3546	Percent Solids: 75.1
Project:	Elting's Corner PDI, South Street, Lloyd, NY	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX231559.D	1	06/29/18 13:51	CP	06/28/18 15:45	OP13128	GXX6399
Run #2							

	Initial Weight	Final Volume
Run #1	15.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	44	18	ug/kg	
11104-28-2	Aroclor 1221	ND	44	18	ug/kg	
11141-16-5	Aroclor 1232	ND	44	12	ug/kg	
53469-21-9	Aroclor 1242	ND	44	7.1	ug/kg	
12672-29-6	Aroclor 1248	ND	44	26	ug/kg	
11097-69-1	Aroclor 1254	ND	44	11	ug/kg	
11096-82-5	Aroclor 1260	ND	44	14	ug/kg	
11100-14-4	Aroclor 1268	ND	44	6.6	ug/kg	
37324-23-5	Aroclor 1262	ND	44	3.4	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	92%		24-152%
877-09-8	Tetrachloro-m-xylene	94%		24-152%
2051-24-3	Decachlorobiphenyl	84%		10-166%
2051-24-3	Decachlorobiphenyl	80%		10-166%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EMBAY 9 (0-6)		
Lab Sample ID:	JC68819-10	Date Sampled:	06/26/18
Matrix:	SO - Soil	Date Received:	06/27/18
Method:	SW846 8082A SW846 3546	Percent Solids:	76.0
Project:	Elting's Corner PDI, South Street, Lloyd, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX231560.D	1	06/29/18 14:08	CP	06/28/18 15:45	OP13128	GXX6399
Run #2							

	Initial Weight	Final Volume
Run #1	16.5 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	40	16	ug/kg	
11104-28-2	Aroclor 1221	ND	40	16	ug/kg	
11141-16-5	Aroclor 1232	ND	40	11	ug/kg	
53469-21-9	Aroclor 1242	ND	40	6.3	ug/kg	
12672-29-6	Aroclor 1248	ND	40	23	ug/kg	
11097-69-1	Aroclor 1254	ND	40	9.8	ug/kg	
11096-82-5	Aroclor 1260	ND	40	13	ug/kg	
11100-14-4	Aroclor 1268	ND	40	5.9	ug/kg	
37324-23-5	Aroclor 1262	ND	40	3.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	87%		24-152%
877-09-8	Tetrachloro-m-xylene	88%		24-152%
2051-24-3	Decachlorobiphenyl	76%		10-166%
2051-24-3	Decachlorobiphenyl	73%		10-166%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EMBAY 9 (1-1.5)	
Lab Sample ID:	JC68819-11	Date Sampled: 06/26/18
Matrix:	SO - Soil	Date Received: 06/27/18
Method:	SW846 8082A SW846 3546	Percent Solids: 77.1
Project:	Elting's Corner PDI, South Street, Lloyd, NY	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX231565.D	1	06/29/18 15:32	CP	06/28/18 15:45	OP13128	GXX6399
Run #2							

	Initial Weight	Final Volume
Run #1	16.2 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	40	16	ug/kg	
11104-28-2	Aroclor 1221	ND	40	16	ug/kg	
11141-16-5	Aroclor 1232	ND	40	11	ug/kg	
53469-21-9	Aroclor 1242	ND	40	6.4	ug/kg	
12672-29-6	Aroclor 1248	ND	40	23	ug/kg	
11097-69-1	Aroclor 1254	ND	40	9.8	ug/kg	
11096-82-5	Aroclor 1260	ND	40	13	ug/kg	
11100-14-4	Aroclor 1268	ND	40	6.0	ug/kg	
37324-23-5	Aroclor 1262	ND	40	3.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	98%		24-152%
877-09-8	Tetrachloro-m-xylene	100%		24-152%
2051-24-3	Decachlorobiphenyl	85%		10-166%
2051-24-3	Decachlorobiphenyl	81%		10-166%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

SGS Accutest - Dayton
2235 Route 130, Dayton, NJ 08810
TEL: 732-329-0200 FAX: 732-329-3499/3480
www.acctest.com

FED-EX Tracking #
SGS Accutest Quote #
Bottle Order Control #
SGS Accutest Job # **JC68819**

Client / Reporting Information		Project Information		Requested Analysis (see TEST CODE sheet)										Matrix Codes	
Company Name Arcaadis		Project Name Elitanga Corner CH&E												DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL - Sludge SED - Sediment OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe FB - Field Blank EB - Equipment Blank RB - Rinse Blank TB - Trip Blank	
Street Address 855 Ste. Route 146		Street South Street													
City Clifton Park NY		City Cloyd NY													
State NY		State NY													
Zip 12065		Zip 12065													
Project Contact Amundin, Kater @Arcaadis.com		Project # B0020540, 0001													
E-mail		Client Purchase Order #													
Phone # 1-920-309-0298		City													
Fax #		State													
Sampler(s) Name(s) James Williamson		Attention:													
Phone # 518 274-3632		Project Manager Scott Powlis													
Field ID / Point of Collection		Collection													
MEOH/DI Vial #		Date													
Time		Sampled by													
Matrix		# of bottles													
SI		NI													
HNO3		H2SO4													
NONE		DI Water													
MEOH		ENCORE													
LAB USE ONLY															
1		embay 5 (0-6)												8	
2		embay 5 (1.5ft)													
3		embay 6 (0-6)													
4		embay 6 (1.5ft)													
5		embay 6 (1.5ft) MS													
6		embay 6 (1.5ft) MS													
7		embay 7 (0-6)													
8		embay 7 (1.5ft)													
9		embay 8 (0-6)													
10		embay 8 (1.5ft)													
11		Duplicate													
Turnaround Time (Business days)		Data Deliverable Information													
Approved By (SGS Accutest PM): / Date:		Commercial "A" (Level 1)													
☐ Std. 10 Business Days		☒ Commercial "B" (Level 2)													
☐ 5 Day RUSH		☐ FULLT1 (Level 3+4)													
☒ 3 Day RUSH - Date due 7/2/18		☐ NJ Reduced													
☐ 2 Day RUSH		☐ Commercial "C"													
☐ 1 Day RUSH		☐ NJ Data of Known Quality Protocol Reporting													
☐ other		Commercial "A" = Results Only, Commercial "B" = Results + QC Summary													
Emergency & Rush T/A data available VIA Lablink		NJ Reduced = Results + QC Summary + Partial Raw data													
LABEL VERIFICATION		Sample Custody must be documented below each time samples change possession, including courier delivery.													
Relinquished by Sampler:		Date Time:		Received By:		Date Time:		Received By:		Date Time:		Received By:			
1 James Williamson		6/26/18		PK		6/27/18 9:40		PK		6/27/18 9:40		PK			
Relinquished by Sampler:		Date Time:		Received By:		Date Time:		Received By:		Date Time:		Received By:			
3				3				4				4			
Relinquished by:		Date Time:		Received By:		Date Time:		Received By:		Date Time:		Received By:			
5				5				5				5			
Custody Seal #		Intact		Not Intact		Preserved where applicable		On Ice		Cooler Temp.		2.8°C			

Form:SM088-01CRev.Date:9/13/16

JC68819: Chain of Custody

Page 1 of 3

SGS Accutest - Dayton
2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

Client / Reporting Information		Project Information		Requested Analysis (see TEST CODE sheet)		Matrix Codes	
Company Name: Arcadis		Project Name: Eitings Corners G.H.G.E.		FED-EX Tracking #		Bottle Order Control # JC68819	
Street Address: 855 Ste Route 146		Street: South Street					
City: Canton Park, NY State: 12065 Zip:		City: Lloyd State: NY					
Project Contact: Amunda Kohler Amunda@Arcadis.com E-mail:		Billing Information (If different from Report to) Company Name:					
Phone #: 1-420-309-0298		Client Purchase Order #: DA20540.0001					
Sampler(s) Name(s): (James W. Williams 518-778-3282)		Project Manager: Scott Rowlin					
Field ID / Point of Collection		Collection					
MEOH/DI Val #		Date	Time	Sampled by	Matrix	# of bottles	HCl NaOH HNO3 H2SO4 NONE DI Water MEOH ENCORE
10 embdy 9(0-6)		6/26/18	1705	JW	SO	1	
11 embdy 9(1-15)		↓	1710	↓	↓	↓	
Turnaround Time (Business days)		Data Deliverable Information		Comments / Special Instructions			
☐ Std. 10 Business Days ☐ 5 Day RUSH ☒ 3 Day RUSH - Data 7/2/18 ASAP ☐ 2 Day RUSH ☐ 1 Day RUSH ☐ other _____		Approved By (SGS Accutest PM): / Date: _____ _____ _____ _____ _____		☐ Commercial "A" (Level 1) ☒ Commercial "B" (Level 2) ☐ FULLT1 (Level 3+4) ☐ NJ Reduced ☐ Commercial "C" ☐ NJ Data of Known Quality Protocol Reporting Commercial "A" = Results Only, Commercial "B" = Results + QC Summary NJ Reduced = Results + QC Summary + Partial Raw data		☐ NYASP Category A ☐ NYASP Category B ☐ State Forms ☐ EDD Format ☐ Other _____	
Emergency & Rush T/A data available VIA Lablink		Sample Custody must be documented below each time samples change possession, including courier delivery.		Data Due 7/2/18 ASAP email to: Amunda.Kohler@Arcadis.com CC: cderibertse@centrulab.com James.Williams@Arcadis.com		Sample inventory is verified upon receipt in the Laboratory	
Relinquished by Sampler: James W. Williams		Date Time: 6/26/18 1816		Received By: PK		Date Time: 6/26/18 1816	
Relinquished by Sampler: 3		Date Time: 3		Received By: 4		Date Time: 4	
Relinquished by: 5		Date Time: 5		Custody Seal #		☐ Intact ☐ Not Intact Preserved where applicable On Ice Cooler Temp.	

SGS Sample Receipt Summary

Job Number: JC68819

Client:

Project:

Date / Time Received: 6/27/2018 9:40:00 AM

Delivery Method:

Airbill #s:

Cooler Temps (Raw Measured) °C: Cooler 1: (2.8);

Cooler Temps (Corrected) °C: Cooler 1: (2.8);

Cooler Security

Y or N

Y or N

- | | | | | | |
|---------------------------|-------------------------------------|--------------------------|-----------------------|-------------------------------------|--------------------------|
| 1. Custody Seals Present: | ☒ | ☐ | 3. COC Present: | ☒ | ☐ |
| 2. Custody Seals Intact: | ☒ | ☐ | 4. Smpl Dates/Time OK | ☒ | ☐ |

Cooler Temperature

Y or N

- | | | |
|------------------------------|-------------------------------------|--------------------------|
| 1. Temp criteria achieved: | ☒ | ☐ |
| 2. Cooler temp verification: | IR Gun | |
| 3. Cooler media: | Ice (Bag) | |
| 4. No. Coolers: | 1 | |

Quality Control Preservation

Y or N

N/A

- | | | | |
|---------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. Trip Blank present / cooler: | ☐ | ☒ | ☐ |
| 2. Trip Blank listed on COC: | ☐ | ☒ | ☐ |
| 3. Samples preserved properly: | ☒ | ☐ | |
| 4. VOCs headspace free: | ☐ | ☐ | ☒ |

Sample Integrity - Documentation

Y or N

- | | | |
|--|-------------------------------------|--------------------------|
| 1. Sample labels present on bottles: | ☒ | ☐ |
| 2. Container labeling complete: | ☒ | ☐ |
| 3. Sample container label / COC agree: | ☒ | ☐ |

Sample Integrity - Condition

Y or N

- | | | |
|----------------------------------|-------------------------------------|--------------------------|
| 1. Sample recvd within HT: | ☒ | ☐ |
| 2. All containers accounted for: | ☒ | ☐ |
| 3. Condition of sample: | Intact | |

Sample Integrity - Instructions

Y or N

N/A

- | | | | |
|---|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. Analysis requested is clear: | ☒ | ☐ | |
| 2. Bottles received for unspecified tests | ☐ | ☒ | |
| 3. Sufficient volume recvd for analysis: | ☒ | ☐ | |
| 4. Compositing instructions clear: | ☐ | ☐ | ☒ |
| 5. Filtering instructions clear: | ☐ | ☐ | ☒ |

Test Strip Lot #s:

pH 1-12: 216017

pH 12+: 208717

Other: (Specify)

Comments

SM089-03
Rev. Date 12/7/17

JC68819: Chain of Custody

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GC/LC Semi-volatiles

5

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Page 1 of 1

Job Number: JC68819

Account: BBLNYS Arcadis

Project: Elting's Corner PDI, South Street, Lloyd, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13128-MB1	XX231543.D	1	06/29/18	CP	06/28/18	OP13128	GXX6399

The QC reported here applies to the following samples:

Method: SW846 8082A

JC68819-1, JC68819-2, JC68819-3, JC68819-4, JC68819-5, JC68819-6, JC68819-7, JC68819-8, JC68819-9, JC68819-10, JC68819-11

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	33	13	ug/kg	
11104-28-2	Aroclor 1221	ND	33	14	ug/kg	
11141-16-5	Aroclor 1232	ND	33	8.9	ug/kg	
53469-21-9	Aroclor 1242	ND	33	5.3	ug/kg	
12672-29-6	Aroclor 1248	ND	33	20	ug/kg	
11097-69-1	Aroclor 1254	ND	33	8.2	ug/kg	
11096-82-5	Aroclor 1260	ND	33	11	ug/kg	
11100-14-4	Aroclor 1268	ND	33	5.0	ug/kg	
37324-23-5	Aroclor 1262	ND	33	2.5	ug/kg	

CAS No.	Surrogate Recoveries	Limits
877-09-8	Tetrachloro-m-xylene	94%
877-09-8	Tetrachloro-m-xylene	24-152%
2051-24-3	Decachlorobiphenyl	98%
2051-24-3	Decachlorobiphenyl	24-152%
2051-24-3	Decachlorobiphenyl	77%
2051-24-3	Decachlorobiphenyl	10-166%
2051-24-3	Decachlorobiphenyl	74%
2051-24-3	Decachlorobiphenyl	10-166%

Blank Spike Summary

Page 1 of 1

Job Number: JC68819

Account: BBLNYS Arcadis

Project: Elting's Corner PDI, South Street, Lloyd, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13128-BS1	XX231544.D	1	06/29/18	CP	06/28/18	OP13128	GXX6399

The QC reported here applies to the following samples:

Method: SW846 8082A

JC68819-1, JC68819-2, JC68819-3, JC68819-4, JC68819-5, JC68819-6, JC68819-7, JC68819-8, JC68819-9, JC68819-10, JC68819-11

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
12674-11-2	Aroclor 1016	133	140	105	61-146
11104-28-2	Aroclor 1221		ND		70-130
11141-16-5	Aroclor 1232		ND		70-130
53469-21-9	Aroclor 1242		ND		70-130
12672-29-6	Aroclor 1248		ND		70-130
11097-69-1	Aroclor 1254		ND		70-130
11096-82-5	Aroclor 1260	133	137	103	62-148
11100-14-4	Aroclor 1268		ND		50-150 ^a
37324-23-5	Aroclor 1262		ND		50-150 ^a

CAS No.	Surrogate Recoveries	BSP	Limits
877-09-8	Tetrachloro-m-xylene	99%	24-152%
877-09-8	Tetrachloro-m-xylene	102%	24-152%
2051-24-3	Decachlorobiphenyl	84%	10-166%
2051-24-3	Decachlorobiphenyl	83%	10-166%

(a) Advisory control limits.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JC68819
Account: BBLNYS Arcadis
Project: Elting's Corner PDI, South Street, Lloyd, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP13128-MS	XX231546.D	1	06/29/18	CP	06/28/18	OP13128	GXX6399
OP13128-MSD	XX231547.D	1	06/29/18	CP	06/28/18	OP13128	GXX6399
JC68819-4	XX231545.D	1	06/29/18	CP	06/28/18	OP13128	GXX6399

The QC reported here applies to the following samples: Method: SW846 8082A

JC68819-1, JC68819-2, JC68819-3, JC68819-4, JC68819-5, JC68819-6, JC68819-7, JC68819-8, JC68819-9, JC68819-10, JC68819-11

CAS No.	Compound	JC68819-4 ug/kg	Spike Q ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
12674-11-2	Aroclor 1016	ND	170	193	113	173	182	105	6	24-178/46
11104-28-2	Aroclor 1221	ND		ND			ND		nc	70-130/50
11141-16-5	Aroclor 1232	ND		ND			ND		nc	70-130/50
53469-21-9	Aroclor 1242	ND		ND			ND		nc	70-130/50
12672-29-6	Aroclor 1248	ND		ND			ND		nc	70-130/50
11097-69-1	Aroclor 1254	ND		ND			ND		nc	70-130/50
11096-82-5	Aroclor 1260	ND	170	174	102	173	182	105	4	15-185/45
11100-14-4	Aroclor 1268	ND		ND			ND		nc	-/50
37324-23-5	Aroclor 1262	ND		ND			ND		nc	-/50

CAS No.	Surrogate Recoveries	MS	MSD	JC68819-4	Limits
877-09-8	Tetrachloro-m-xylene	85%	82%	73%	24-152%
877-09-8	Tetrachloro-m-xylene	98%	94%	94%	24-152%
2051-24-3	Decachlorobiphenyl	74%	76%	81%	10-166%
2051-24-3	Decachlorobiphenyl	75%	76%	79%	10-166%

* = Outside of Control Limits.

Surrogate Recovery Summary

Page 1 of 1

Job Number: JC68819

Account: BBLNYS Arcadis

Project: Elting's Corner PDI, South Street, Lloyd, NY

Method: SW846 8082A

Matrix: SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 ^a	S1 ^b	S2 ^a	S2 ^b
JC68819-1	XX231548.D	93	95	75	75
JC68819-2	XX231549.D	91	93	75	76
JC68819-3	XX231554.D	71	91	90	60
JC68819-4	XX231545.D	73	94	81	79
JC68819-5	XX231555.D	82	87	73	73
JC68819-6	XX231556.D	92	93	75	78
JC68819-7	XX231557.D	90	91	74	68
JC68819-8	XX231558.D	103	103	80	78
JC68819-9	XX231559.D	92	94	84	80
JC68819-10	XX231560.D	87	88	76	73
JC68819-11	XX231565.D	98	100	85	81
OP13128-BS1	XX231544.D	99	102	84	83
OP13128-MB1	XX231543.D	94	98	77	74
OP13128-MS	XX231546.D	85	98	74	75
OP13128-MSD	XX231547.D	82	94	76	76

Surrogate Compounds

Recovery Limits

S1 = Tetrachloro-m-xylene

24-152%

S2 = Decachlorobiphenyl

10-166%

(a) Recovery from GC signal #1

(b) Recovery from GC signal #2

5.4.1

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