ANALYTICAL REPORT

Job Number: 500-3099-1

Job Description: Waukegan Slip 3

For:
Deigan & Associates
100 S. Genesee St.
Waukegan, IL 60085

Attention: Gary Deigan

Richard C Wright
Project Manager II
rwright@stl-inc.com
03/21/2007

Project Manager: Richard C Wright

These test results meet all the requirements of NELAC for accredited parameters.

The Lab Certification ID# is 100201.

All questions regarding this test report should be directed to the STL Project Manager whose signature appears on this report. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

Case Narrative for job: 500-J3099-1

Client: Deigan & Associates
Date: 03/21/2007

GC Extractables_PCB

Surrogate - Diluted out

Due to the level of target compound detected and the dilution required to get the samples within linear range of the instrument the surrogate recoveries are Diluted out.

Affected Items

500-3099-15 8082
500-3099-17 8082
500-3099-8 8082
500-3099-12 8082
500-3099-11 8082
500-3099-16 8082
500-3099-7 8082
500-3099-10 8082

GC Extractables_PCB

Other - Anomaly

Surrogate (TCX) recovery for this sample was outside the upper control limit. This sample was re-analyzed with similiar results. The original was reported

Affected Items

500-3099-5 8082

GC Extractables_PCB

Other - Anomaly

It was noted by the analyst that these samples exhibit the presence of a weathered Aroclor.

Affected Items

500-3099-36 8082
500-3099-23 8082
500-3099-32 8082
500-3099-12 8082
500-3099-35 8082
500-3099-11 8082
500-3099-26 8082
500-3099-24 8082
500-3099-10 8082
500-3099-25 8082

EXECUTIVE SUMMARY - Detections

Client: Deigan & Associates

Job Number: 500-3099-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
500-3099-1	**SB-106,2.5-4.0'**				
PCB-1248		510	34	ug/Kg	8082
Polychlorinated biphenyls, Total		510	34	ug/Kg	8082
Percent Moisture		3.2	0.10	%	PercentMoisture
Percent Solids		97	0.10	%	PercentMoisture
500-3099-2	**SB-106,5-7'**				
PCB-1248		470	33	ug/Kg	8082
Polychlorinated biphenyls, Total		470	33	ug/Kg	8082
Percent Moisture		3.6	0.10	%	PercentMoisture
Percent Solids		96	0.10	%	PercentMoisture
500-3099-3	**SB-106,7-8.4'**				
PCB-1248		310	18	ug/Kg	8082
Polychlorinated biphenyls, Total		310	18	ug/Kg	8082
Percent Moisture		4.8	0.10	%	PercentMoisture
Percent Solids		95	0.10	%	PercentMoisture
500-3099-4	**SB-106,5-7' DUPL.**				
PCB-1248		420	34	ug/Kg	8082
Polychlorinated biphenyls, Total		420	34	ug/Kg	8082
Percent Moisture		5.1	0.10	%	PercentMoisture
Percent Solids		95	0.10	%	PercentMoisture
500-3099-5	**SB-106,10-12'**				
PCB-1248		250	34	ug/Kg	8082
Polychlorinated biphenyls, Total		250	34	ug/Kg	8082
Percent Moisture		6.7	0.10	%	PercentMoisture
Percent Solids		93	0.10	%	PercentMoisture
500-3099-6	**SB-106,12-14'**				
PCB-1248		1000	180	ug/Kg	8082
Polychlorinated biphenyls, Total		1000	180	ug/Kg	8082
Percent Moisture		5.7	0.10	%	PercentMoisture
Percent Solids		94	0.10	%	PercentMoisture

EXECUTIVE SUMMARY - Detections

Client: Deigan & Associates

Job Number: 500-3099-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
500-3099-7	**SB-105,2.2-3.7'**				
PCB-1248		6100	810	ug/Kg	8082
PCB-1254		3700	810	ug/Kg	8082
Polychlorinated biphenyls, Total		9700	810	ug/Kg	8082
Percent Moisture		3.3	0.10	%	PercentMoisture
Percent Solids		97	0.10	%	PercentMoisture
500-3099-8	**SB-105,5-7'**				
PCB-1248		2100	340	ug/Kg	8082
Polychlorinated biphenyls, Total		2100	340	ug/Kg	8082
Percent Moisture		6.1	0.10	%	PercentMoisture
Percent Solids		94	0.10	%	PercentMoisture
500-3099-9	**SB-105 FB**				
Percent Moisture		0.36	0.10	%	PercentMoisture
Percent Solids		100	0.10	%	PercentMoisture
500-3099-10	**SB-105,7-8'**				
PCB-1248		19000	9200	ug/Kg	8082
Polychlorinated biphenyls, Total		19000	9200	ug/Kg	8082
Percent Moisture		13	0.10	%	PercentMoisture
Percent Solids		87	0.10	%	PercentMoisture
500-3099-11	**SB-105,10-12'**				
PCB-1248		36000	27000	ug/Kg	8082
Polychlorinated biphenyls, Total		36000	27000	ug/Kg	8082
Percent Moisture		40	0.10	%	PercentMoisture
Percent Solids		60	0.10	%	PercentMoisture
500-3099-12	**SB-105,12-13'**				
PCB-1248		1500	340	ug/Kg	8082
Polychlorinated biphenyls, Total		1500	340	ug/Kg	8082
Percent Moisture		4.0	0.10	%	PercentMoisture
Percent Solids		96	0.10	%	PercentMoisture

EXECUTIVE SUMMARY - Detections

Client: Deigan & Associates

Job Number: 500-3099-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
500-3099-13	**SB-104,2.5-4.0'**				
PCB-1248		2000	170	ug/Kg	8082
Polychlorinated biphenyls, Total		2000	170	ug/Kg	8082
Percent Moisture		4.0	0.10	%	PercentMoisture
Percent Solids		96	0.10	%	PercentMoisture
500-3099-14	**SB-104,2.5-4.0' DUPL.**				
PCB-1248		1400	170	ug/Kg	8082
Polychlorinated biphenyls, Total		1400	170	ug/Kg	8082
Percent Moisture		4.1	0.10	%	PercentMoisture
Percent Solids		96	0.10	%	PercentMoisture
500-3099-15	**SB-104,5.7'**				
PCB-1248		5100	340	ug/Kg	8082
Polychlorinated biphenyls, Total		5100	340	ug/Kg	8082
Percent Moisture		3.5	0.10	%	PercentMoisture
Percent Solids		97	0.10	%	PercentMoisture
500-3099-16	**SB-104,7-8.3'**				
PCB-1248		26000	1700	ug/Kg	8082
Polychlorinated biphenyls, Total		26000	1700	ug/Kg	8082
Percent Moisture		6.5	0.10	%	PercentMoisture
Percent Solids		94	0.10	%	PercentMoisture
500-3099-17	**SB-104,10-11.5'**				
PCB-1248		4500	360	ug/Kg	8082
Polychlorinated biphenyls, Total		4500	360	ug/Kg	8082
Percent Moisture		7.4	0.10	%	PercentMoisture
Percent Solids		93	0.10	%	PercentMoisture
500-3099-18	**SB-103,2.4-3.9'**				
PCB-1248		530	83	ug/Kg	8082
Polychlorinated biphenyls, Total		530	83	ug/Kg	8082
Percent Moisture		2.3	0.10	%	PercentMoisture
Percent Solids		98	0.10	%	PercentMoisture

EXECUTIVE SUMMARY - Detections

Client: Deigan & Associates

Job Number: 500-3099-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
500-3099-19	**SB-103,5-7'**				
PCB-1248		1700	170	ug/Kg	8082
Polychlorinated biphenyls, Total		1700	170	ug/Kg	8082
Percent Moisture		5.2	0.10	%	PercentMoisture
Percent Solids		95	0.10	%	PercentMoisture
500-3099-20	**SB-103,8-9.9'**				
PCB-1248		900	170	ug/Kg	8082
Polychlorinated biphenyls, Total		900	170	ug/Kg	8082
Percent Moisture		6.3	0.10	%	PercentMoisture
Percent Solids		94	0.10	%	PercentMoisture
500-3099-21	**SB-103,10-12'**				
PCB-1248		860	88	ug/Kg	8082
Polychlorinated biphenyls, Total		860	88	ug/Kg	8082
Percent Moisture		6.4	0.10	%	PercentMoisture
Percent Solids		94	0.10	%	PercentMoisture
500-3099-22	**SB-102,2.4-3.9'**				
PCB-1248		1200	170	ug/Kg	8082
Polychlorinated biphenyls, Total		1200	170	ug/Kg	8082
Percent Moisture		3.1	0.10	%	PercentMoisture
Percent Solids		97	0.10	%	PercentMoisture
500-3099-23	**SB-102,5-7'**				
PCB-1248		16000	1800	ug/Kg	8082
Polychlorinated biphenyls, Total		16000	1800	ug/Kg	8082
Percent Moisture		11	0.10	%	PercentMoisture
Percent Solids		89	0.10	%	PercentMoisture
500-3099-24	**SB-102,7-8.2'**				
PCB-1248		9700	1800	ug/Kg	8082
Polychlorinated biphenyls, Total		9700	1800	ug/Kg	8082
Percent Moisture		9.4	0.10	%	PercentMoisture
Percent Solids		91	0.10	%	PercentMoisture

EXECUTIVE SUMMARY - Detections

Client: Deigan & Associates

Job Number: 500-3099-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
500-3099-25	**SB-102,7-8.2' DUPL.**				
PCB-1248		5500	900	ug/Kg	8082
Polychlorinated biphenyls, Total		5500	900	ug/Kg	8082
Percent Moisture		13	0.10	%	PercentMoisture
Percent Solids		87	0.10	%	PercentMoisture
500-3099-26	**SB-102,10-11.3'**				
PCB-1248		21000	1700	ug/Kg	8082
Polychlorinated biphenyls, Total		21000	1700	ug/Kg	8082
Percent Moisture		5.2	0.10	%	PercentMoisture
Percent Solids		95	0.10	%	PercentMoisture
500-3099-27	**SB-101,2.5-3.8'**				
PCB-1248		16000	1700	ug/Kg	8082
Polychlorinated biphenyls, Total		16000	1700	ug/Kg	8082
Percent Moisture		3.3	0.10	%	PercentMoisture
Percent Solids		97	0.10	%	PercentMoisture
500-3099-28	**SB-101,5-7'**				
PCB-1248		25000	1700	ug/Kg	8082
Polychlorinated biphenyls, Total		25000	1700	ug/Kg	8082
Percent Moisture		5.2	0.10	%	PercentMoisture
Percent Solids		95	0.10	%	PercentMoisture
500-3099-29	**SB-101,7-9'**				
PCB-1248		5800	850	ug/Kg	8082
Polychlorinated biphenyls, Total		5800	850	ug/Kg	8082
Percent Moisture		6.4	0.10	%	PercentMoisture
Percent Solids		94	0.10	%	PercentMoisture
500-3099-30	**SB-101,10-12'**				
PCB-1248		3700	340	ug/Kg	8082
Polychlorinated biphenyls, Total		3700	340	ug/Kg	8082
Percent Moisture		5.4	0.10	%	PercentMoisture
Percent Solids		95	0.10	%	PercentMoisture

EXECUTIVE SUMMARY - Detections

Client: Deigan & Associates

Job Number: 500-3099-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
500-3099-31	**SB-101,10-12' DUPL.**				
PCB-1248		3300	350	ug/Kg	8082
Polychlorinated biphenyls, Total		3300	350	ug/Kg	8082
Percent Moisture		7.1	0.10	%	PercentMoisture
Percent Solids		93	0.10	%	PercentMoisture
500-3099-32	**SB-101,12-13.1'**				
PCB-1248		5300	870	ug/Kg	8082
Polychlorinated biphenyls, Total		5300	870	ug/Kg	8082
Percent Moisture		4.6	0.10	%	PercentMoisture
Percent Solids		95	0.10	%	PercentMoisture
500-3099-33	**SB-102FB**				
Percent Moisture		0.52	0.10	%	PercentMoisture
Percent Solids		99	0.10	%	PercentMoisture
500-3099-34	**SB-107,2.5-4'**				
PCB-1248		5200	350	ug/Kg	8082
Polychlorinated biphenyls, Total		5200	350	ug/Kg	8082
Percent Moisture		5.9	0.10	%	PercentMoisture
Percent Solids		94	0.10	%	PercentMoisture
500-3099-35	**SB-107,5-7'**				
PCB-1248		4200	370	ug/Kg	8082
Polychlorinated biphenyls, Total		4200	370	ug/Kg	8082
Percent Moisture		9.3	0.10	%	PercentMoisture
Percent Solids		91	0.10	%	PercentMoisture
500-3099-36	**SB-107,7-9'**				
PCB-1248		5800	930	ug/Kg	8082
Polychlorinated biphenyls, Total		5800	930	ug/Kg	8082
Percent Moisture		16	0.10	%	PercentMoisture
Percent Solids		84	0.10	%	PercentMoisture

METHOD SUMMARY

Client: Deigan & Associates

Job Number: 500-3099-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
PCBs	STL CHI	SW846 8082	
Automated Soxhlet Extraction	STL CHI		SW846 3541
Percent Moisture	STL CHI	EPA PercentMoisture	

LAB REFERENCES:

STL CHI = STL Chicago

METHOD REFERENCES:

EPA - US Environmental Protection Agency

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

METHOD / ANALYST SUMMARY

Client: Deigan & Associates

Job Number: 500-3099-1

Method	Analyst	Analyst ID
SW846 8082	Manzano, Louis	LM
EPA PercentMoisture	Kolarczyk, Paul F	PFK

SAMPLE SUMMARY

Client: Deigan & Associates

Job Number: 500-3099-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
500-3099-1	SB-106,2.5-4.0'	Solid	03/06/2007 0815	03/06/2007 1600
500-3099-2	SB-106,5-7'	Solid	03/06/2007 0830	03/06/2007 1600
500-3099-3	SB-106,7-8.4'	Solid	03/06/2007 0835	03/06/2007 1600
500-3099-4	SB-106,5-7' Dupl.	Solid	03/06/2007 0845	03/06/2007 1600
500-3099-5	SB-106,10-12'	Solid	03/06/2007 0850	03/06/2007 1600
500-3099-6	SB-106,12-14'	Solid	03/06/2007 0850	03/06/2007 1600
500-3099-7	SB-105,2.2-3.7'	Solid	03/06/2007 0855	03/06/2007 1600
500-3099-8	SB-105,5-7'	Solid	03/06/2007 0900	03/06/2007 1600
500-3099-9	SB-105 FB	Solid	03/06/2007 0905	03/06/2007 1600
500-3099-10	SB-105,7-8'	Solid	03/06/2007 0910	03/06/2007 1600
500-3099-11	SB-105,10-12'	Solid	03/06/2007 0915	03/06/2007 1600
500-3099-12	SB-105,12-13'	Solid	03/06/2007 0920	03/06/2007 1600
500-3099-13	SB-104,2.5-4.0'	Solid	03/06/2007 0935	03/06/2007 1600
500-3099-14	SB-104,2.5-4.0' Dupl.	Solid	03/06/2007 0935	03/06/2007 1600
500-3099-15	SB-104,5.7'	Solid	03/06/2007 0940	03/06/2007 1600
500-3099-16	SB-104,7-8.3'	Solid	03/06/2007 0945	03/06/2007 1600
500-3099-17	SB-104,10-11.5'	Solid	03/06/2007 0955	03/06/2007 1600
500-3099-18	SB-103,2.4-3.9'	Solid	03/06/2007 1035	03/06/2007 1600
500-3099-19	SB-103,5-7'	Solid	03/06/2007 1040	03/06/2007 1600
500-3099-20	SB-103,8-9.9'	Solid	03/06/2007 1045	03/06/2007 1600
500-3099-21	SB-103,10-12'	Solid	03/06/2007 1055	03/06/2007 1600
500-3099-22	SB-102,2.4-3.9'	Solid	03/06/2007 1105	03/06/2007 1600
500-3099-23	SB-102,5-7'	Solid	03/06/2007 1110	03/06/2007 1600
500-3099-24	SB-102,7-8.2'	Solid	03/06/2007 1115	03/06/2007 1600
500-3099-25	SB-102,7-8.2' Dupl.	Solid	03/06/2007 1120	03/06/2007 1600
500-3099-26	SB-102,10-11.3'	Solid	03/06/2007 1125	03/06/2007 1600
500-3099-27	SB-101,2.5-3.8'	Solid	03/06/2007 1130	03/06/2007 1600
500-3099-28	SB-101,5-7'	Solid	03/06/2007 1135	03/06/2007 1600
500-3099-29	SB-101,7-9'	Solid	03/06/2007 1140	03/06/2007 1600
500-3099-30	SB-101,10-12'	Solid	03/06/2007 1145	03/06/2007 1600
500-3099-31	SB-101,10-12' Dupl.	Solid	03/06/2007 1145	03/06/2007 1600
500-3099-32	SB-101,12-13.1'	Solid	03/06/2007 1150	03/06/2007 1600
500-3099-33	SB-102FB	Solid	03/06/2007 1125	03/06/2007 1600
500-3099-34	SB-107,2.5-4'	Solid	03/05/2007 1500	03/06/2007 1600
500-3099-35	SB-107,5-7'	Solid	03/05/2007 1505	03/06/2007 1600
500-3099-36	SB-107,7-9'	Solid	03/05/2007 1510	03/06/2007 1600

SAMPLE RESULTS

Gary Deigan
Deigan & Associates
100 S. Genesee St.
Waukegan, IL 60085

Job Number: 500-3099-1

Client Sample ID: SB-106,2.5-4.0'
Lab Sample ID: 500-3099-1

Date Sampled: 03/06/2007 0815
Date Received: 03/06/2007 1600
Client Matrix: Solid
Percent Solids: 97

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8082	Date Analyzed:	03/19/2007 1912			
Prep Method: 3541	Date Prepared:	03/13/2007 0759			
PCB-1016	<34	ug/Kg	11	34	2.0
PCB-1221	<34	ug/Kg	9.4	34	2.0
PCB-1232	<34	ug/Kg	9.2	34	2.0
PCB-1242	<34	ug/Kg	10	34	2.0
PCB-1248	510	ug/Kg	7.4	34	2.0
PCB-1254	<34	ug/Kg	7.6	34	2.0
PCB-1260	<34	ug/Kg	6.7	34	2.0
PCB-1268	<34	ug/Kg	34	34	2.0
Polychlorinated biphenyls, Total	510	ug/Kg	6.7	34	2.0

Surrogate			Acceptance Limits
Tetrachloro-m-xylene	106	%	39 - 115
DCB Decachlorobiphenyl	83	%	47 - 116

Method: PercentMoisture	Date Analyzed:	03/13/2007 1102			
Percent Moisture	3.2	%	0.10	0.10	1.0

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Waukegan, IL 60085

Job Number: 500-3099-1

Client Sample ID: SB-106,5-7'
Lab Sample ID: 500-3099-2

Date Sampled: 03/06/2007 0830
Date Received: 03/06/2007 1600
Client Matrix: Solid
Percent Solids: 96

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8082	Date Analyzed:	03/19/2007 2018			
Prep Method: 3541	Date Prepared:	03/13/2007 0759			
PCB-1016	<33	ug/Kg	11	33	2.0
PCB-1221	<33	ug/Kg	9.1	33	2.0
PCB-1232	<33	ug/Kg	8.9	33	2.0
PCB-1242	<33	ug/Kg	9.7	33	2.0
PCB-1248	470	ug/Kg	7.1	33	2.0
PCB-1254	<33	ug/Kg	7.3	33	2.0
PCB-1260	<33	ug/Kg	6.5	33	2.0
PCB-1268	<33	ug/Kg	33	33	2.0
Polychlorinated biphenyls, Total	470	ug/Kg	6.5	33	2.0

Surrogate			Acceptance Limits
Tetrachloro-m-xylene	105	%	39 - 115
DCB Decachlorobiphenyl	86	%	47 - 116

Method: PercentMoisture	Date Analyzed:	03/13/2007 1102			
Percent Moisture	3.6	%	0.10	0.10	1.0

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Job Number: 500-3099-1

Client Sample ID: SB-106,7-8.4'
Lab Sample ID: 500-3099-3

Date Sampled: 03/06/2007 0835
Date Received: 03/06/2007 1600
Client Matrix: Solid
Percent Solids: 95

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8082	Date Analyzed:	03/17/2007 0503			
Prep Method: 3541	Date Prepared:	03/13/2007 0759			
PCB-1016	<18	ug/Kg	5.9	18	1.0
PCB-1221	<18	ug/Kg	4.8	18	1.0
PCB-1232	<18	ug/Kg	4.7	18	1.0
PCB-1242	<18	ug/Kg	5.1	18	1.0
PCB-1248	310	ug/Kg	3.8	18	1.0
PCB-1254	<18	ug/Kg	3.9	18	1.0
PCB-1260	<18	ug/Kg	3.5	18	1.0
PCB-1268	<18	ug/Kg	18	18	1.0
Polychlorinated biphenyls, Total	310	ug/Kg	3.5	18	1.0

Surrogate			Acceptance Limits
Tetrachloro-m-xylene	100	%	39 - 115
DCB Decachlorobiphenyl	82	%	47 - 116

Method: PercentMoisture	Date Analyzed:	03/13/2007 1102			
Percent Moisture	4.8	%	0.10	0.10	1.0

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100 S. Genesee St.
Waukegan, IL 60085

Job Number: 500-3099-1

Client Sample ID: SB-106,5-7' Dupl.
Lab Sample ID: 500-3099-4

Date Sampled: 03/06/2007 0845
Date Received: 03/06/2007 1600
Client Matrix: Solid
Percent Solids: 95

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8082	Date Analyzed:	03/19/2007 2039			
Prep Method: 3541	Date Prepared:	03/13/2007 0759			
PCB-1016	<34	ug/Kg	11	34	2.0
PCB-1221	<34	ug/Kg	9.4	34	2.0
PCB-1232	<34	ug/Kg	9.2	34	2.0
PCB-1242	<34	ug/Kg	10	34	2.0
PCB-1248	420	ug/Kg	7.4	34	2.0
PCB-1254	<34	ug/Kg	7.6	34	2.0
PCB-1260	<34	ug/Kg	6.8	34	2.0
PCB-1268	<34	ug/Kg	34	34	2.0
Polychlorinated biphenyls, Total	420	ug/Kg	6.8	34	2.0

Surrogate			Acceptance Limits
Tetrachloro-m-xylene	115	%	39 - 115
DCB Decachlorobiphenyl	95	%	47 - 116

Method: PercentMoisture	Date Analyzed:	03/13/2007 1102			
Percent Moisture	5.1	%	0.10	0.10	1.0

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Job Number: 500-3099-1

Client Sample ID: SB-106,10-12'
Lab Sample ID: 500-3099-5

Date Sampled: 03/06/2007 0850
Date Received: 03/06/2007 1600
Client Matrix: Solid
Percent Solids: 93

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8082	Date Analyzed:	03/19/2007 2101			
Prep Method: 3541	Date Prepared:	03/13/2007 0759			
PCB-1016	<34	ug/Kg	12	34	2.0
PCB-1221	<34	ug/Kg	9.5	34	2.0
PCB-1232	<34	ug/Kg	9.3	34	2.0
PCB-1242	<34	ug/Kg	10	34	2.0
PCB-1248	250	ug/Kg	7.4	34	2.0
PCB-1254	<34	ug/Kg	7.6	34	2.0
PCB-1260	<34	ug/Kg	6.8	34	2.0
PCB-1268	<34	ug/Kg	34	34	2.0
Polychlorinated biphenyls, Total	250	ug/Kg	6.8	34	2.0

Surrogate			Acceptance Limits
Tetrachloro-m-xylene	105	%	39 - 115
DCB Decachlorobiphenyl	89	%	47 - 116

Method: PercentMoisture	Date Analyzed:	03/13/2007 1102			
Percent Moisture	6.7	%	0.10	0.10	1.0

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Job Number: 500-3099-1

Client Sample ID: SB-106,12-14'
Lab Sample ID: 500-3099-6

Date Sampled: 03/06/2007 0850
Date Received: 03/06/2007 1600
Client Matrix: Solid
Percent Solids: 94

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8082	Date Analyzed:	03/17/2007 0735			
Prep Method: 3541	Date Prepared:	03/13/2007 0759			
PCB-1016	<180	ug/Kg	59	180	10
PCB-1221	<180	ug/Kg	48	180	10
PCB-1232	<180	ug/Kg	47	180	10
PCB-1242	<180	ug/Kg	52	180	10
PCB-1248	1000	ug/Kg	38	180	10
PCB-1254	<180	ug/Kg	39	180	10
PCB-1260	<180	ug/Kg	35	180	10
PCB-1268	<180	ug/Kg	180	180	10
Polychlorinated biphenyls, Total	1000	ug/Kg	35	180	10

Surrogate			Acceptance Limits
Tetrachloro-m-xylene	104	%	39 - 115
DCB Decachlorobiphenyl	88	%	47 - 116

Method: PercentMoisture	Date Analyzed:	03/13/2007 1102			
Percent Moisture	5.7	%	0.10	0.10	1.0

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Job Number: 500-3099-1

Client Sample ID: SB-105,2.2-3.7'
Lab Sample ID: 500-3099-7

Date Sampled: 03/06/2007 0855
Date Received: 03/06/2007 1600
Client Matrix: Solid
Percent Solids: 97

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8082	Date Analyzed:		03/17/2007 0757			
Prep Method: 3541	Date Prepared:		03/13/2007 0759			
PCB-1016	<810		ug/Kg	270	810	50
PCB-1221	<810		ug/Kg	220	810	50
PCB-1232	<810		ug/Kg	220	810	50
PCB-1242	<810		ug/Kg	240	810	50
PCB-1248	6100		ug/Kg	180	810	50
PCB-1254	3700		ug/Kg	180	810	50
PCB-1260	<810		ug/Kg	160	810	50
PCB-1268	<810		ug/Kg	810	810	50
Polychlorinated biphenyls, Total	9700		ug/Kg	160	810	50

Surrogate				Acceptance Limits
Tetrachloro-m-xylene	0	D	%	39 - 115
DCB Decachlorobiphenyl	0	D	%	47 - 116

Method: PercentMoisture	Date Analyzed:		03/13/2007 1102			
Percent Moisture	3.3		%	0.10	0.10	1.0

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Job Number: 500-3099-1

Client Sample ID: SB-105,5-7'
Lab Sample ID: 500-3099-8

Date Sampled: 03/06/2007 0900
Date Received: 03/06/2007 1600
Client Matrix: Solid
Percent Solids: 94

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8082	Date Analyzed:		03/17/2007 0841			
Prep Method: 3541	Date Prepared:		03/13/2007 0759			
PCB-1016	<340		ug/Kg	110	340	20
PCB-1221	<340		ug/Kg	94	340	20
PCB-1232	<340		ug/Kg	92	340	20
PCB-1242	<340		ug/Kg	100	340	20
PCB-1248	2100		ug/Kg	73	340	20
PCB-1254	<340		ug/Kg	75	340	20
PCB-1260	<340		ug/Kg	67	340	20
PCB-1268	<340		ug/Kg	340	340	20
Polychlorinated biphenyls, Total	2100		ug/Kg	67	340	20

Surrogate				Acceptance Limits
Tetrachloro-m-xylene	0	D	%	39 - 115
DCB Decachlorobiphenyl	0	D	%	47 - 116

Method: PercentMoisture	Date Analyzed:		03/13/2007 1102			
Percent Moisture	6.1		%	0.10	0.10	1.0

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Job Number: 500-3099-1

Client Sample ID: SB-105 FB
Lab Sample ID: 500-3099-9

Date Sampled: 03/06/2007 0905
Date Received: 03/06/2007 1600
Client Matrix: Solid
Percent Solids: 100

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8082	Date Analyzed:	03/19/2007 2145			
Prep Method: 3541	Date Prepared:	03/13/2007 0759			
PCB-1016	<16	ug/Kg	5.5	16	1.0
PCB-1221	<16	ug/Kg	4.5	16	1.0
PCB-1232	<16	ug/Kg	4.4	16	1.0
PCB-1242	<16	ug/Kg	4.8	16	1.0
PCB-1248	<16	ug/Kg	3.5	16	1.0
PCB-1254	<16	ug/Kg	3.6	16	1.0
PCB-1260	<16	ug/Kg	3.2	16	1.0
PCB-1268	<16	ug/Kg	16	16	1.0
Polychlorinated biphenyls, Total	<16	ug/Kg	3.2	16	1.0

Surrogate			Acceptance Limits
Tetrachloro-m-xylene	74	%	39 - 115
DCB Decachlorobiphenyl	72	%	47 - 116

Method: PercentMoisture	Date Analyzed:	03/13/2007 1102			
Percent Moisture	0.36	%	0.10	0.10	1.0

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Job Number: 500-3099-1

Client Sample ID: SB-105,7-8'
Lab Sample ID: 500-3099-10

Date Sampled: 03/06/2007 0910
Date Received: 03/06/2007 1600
Client Matrix: Solid
Percent Solids: 87

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8082	Date Analyzed:		03/19/2007 2206			
Prep Method: 3541	Date Prepared:		03/13/2007 0759			
PCB-1016	<9200		ug/Kg	3100	9200	500
PCB-1221	<9200		ug/Kg	2500	9200	500
PCB-1232	<9200		ug/Kg	2500	9200	500
PCB-1242	<9200		ug/Kg	2700	9200	500
PCB-1248	19000		ug/Kg	2000	9200	500
PCB-1254	<9200		ug/Kg	2000	9200	500
PCB-1260	<9200		ug/Kg	1800	9200	500
PCB-1268	<9200		ug/Kg	9200	9200	500
Polychlorinated biphenyls, Total	19000		ug/Kg	1800	9200	500

Surrogate				Acceptance Limits
Tetrachloro-m-xylene	0	D	%	39 - 115
DCB Decachlorobiphenyl	0	D	%	47 - 116

Method: PercentMoisture	Date Analyzed:		03/13/2007 1102			
Percent Moisture	13		%	0.10	0.10	1.0

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Job Number: 500-3099-1

Client Sample ID: SB-105,10-12'
Lab Sample ID: 500-3099-11

Date Sampled: 03/06/2007 0915
Date Received: 03/06/2007 1600
Client Matrix: Solid
Percent Solids: 60

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8082	Date Analyzed:		03/19/2007 2228			
Prep Method: 3541	Date Prepared:		03/13/2007 0759			
PCB-1016	<27000		ug/Kg	9100	27000	1000
PCB-1221	<27000		ug/Kg	7400	27000	1000
PCB-1232	<27000		ug/Kg	7300	27000	1000
PCB-1242	<27000		ug/Kg	7900	27000	1000
PCB-1248	36000		ug/Kg	5800	27000	1000
PCB-1254	<27000		ug/Kg	6000	27000	1000
PCB-1260	<27000		ug/Kg	5300	27000	1000
PCB-1268	<27000		ug/Kg	27000	27000	1000
Polychlorinated biphenyls, Total	36000		ug/Kg	5300	27000	1000

Surrogate				Acceptance Limits
Tetrachloro-m-xylene	0	D	%	39 - 115
DCB Decachlorobiphenyl	0	D	%	47 - 116

Method: PercentMoisture	Date Analyzed:		03/13/2007 1102			
Percent Moisture	40		%	0.10	0.10	1.0

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Job Number: 500-3099-1

Client Sample ID: SB-105,12-13'
Lab Sample ID: 500-3099-12

Date Sampled: 03/06/2007 0920
Date Received: 03/06/2007 1600
Client Matrix: Solid
Percent Solids: 96

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8082	Date Analyzed:		03/21/2007 1310			
Prep Method: 3541	Date Prepared:		03/13/2007 0759			
PCB-1016	<340		ug/Kg	110	340	20
PCB-1221	<340		ug/Kg	93	340	20
PCB-1232	<340		ug/Kg	91	340	20
PCB-1242	<340		ug/Kg	99	340	20
PCB-1248	1500		ug/Kg	73	340	20
PCB-1254	<340		ug/Kg	75	340	20
PCB-1260	<340		ug/Kg	67	340	20
PCB-1268	<340		ug/Kg	340	340	20
Polychlorinated biphenyls, Total	1500		ug/Kg	67	340	20

Surrogate				Acceptance Limits
Tetrachloro-m-xylene	0	D	%	39 - 115
DCB Decachlorobiphenyl	0	D	%	47 - 116

Method: PercentMoisture	Date Analyzed:		03/13/2007 1102			
Percent Moisture	4.0		%	0.10	0.10	1.0

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Job Number: 500-3099-1

Client Sample ID: SB-104,2.5-4.0'
Lab Sample ID: 500-3099-13

Date Sampled: 03/06/2007 0935
Date Received: 03/06/2007 1600
Client Matrix: Solid
Percent Solids: 96

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8082	Date Analyzed:		03/19/2007 2356			
Prep Method: 3541	Date Prepared:		03/13/2007 0759			
PCB-1016	<170		ug/Kg	56	170	10
PCB-1221	<170		ug/Kg	46	170	10
PCB-1232	<170		ug/Kg	45	170	10
PCB-1242	<170		ug/Kg	49	170	10
PCB-1248	2000		ug/Kg	36	170	10
PCB-1254	<170		ug/Kg	37	170	10
PCB-1260	<170		ug/Kg	33	170	10
PCB-1268	<170		ug/Kg	170	170	10
Polychlorinated biphenyls, Total	2000		ug/Kg	33	170	10

Surrogate				Acceptance Limits
Tetrachloro-m-xylene	116	X	%	39 - 115
DCB Decachlorobiphenyl	106		%	47 - 116

Method: PercentMoisture	Date Analyzed:		03/13/2007 1102			
Percent Moisture	4.0		%	0.10	0.10	1.0

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Job Number: 500-3099-1

Client Sample ID: SB-104,2.5-4.0' Dupl.
Lab Sample ID: 500-3099-14

Date Sampled: 03/06/2007 0935
Date Received: 03/06/2007 1600
Client Matrix: Solid
Percent Solids: 96

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8082	Date Analyzed:	03/20/2007 0017			
Prep Method: 3541	Date Prepared:	03/13/2007 0759			
PCB-1016	<170	ug/Kg	58	170	10
PCB-1221	<170	ug/Kg	47	170	10
PCB-1232	<170	ug/Kg	46	170	10
PCB-1242	<170	ug/Kg	50	170	10
PCB-1248	1400	ug/Kg	37	170	10
PCB-1254	<170	ug/Kg	38	170	10
PCB-1260	<170	ug/Kg	34	170	10
PCB-1268	<170	ug/Kg	170	170	10
Polychlorinated biphenyls, Total	1400	ug/Kg	34	170	10

Surrogate			Acceptance Limits
Tetrachloro-m-xylene	107	%	39 - 115
DCB Decachlorobiphenyl	97	%	47 - 116

Method: PercentMoisture	Date Analyzed:	03/13/2007 1102			
Percent Moisture	4.1	%	0.10	0.10	1.0

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Job Number: 500-3099-1

Client Sample ID: SB-104,5.7'
Lab Sample ID: 500-3099-15

Date Sampled: 03/06/2007 0940
Date Received: 03/06/2007 1600
Client Matrix: Solid
Percent Solids: 97

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8082	Date Analyzed:		03/20/2007 0101			
Prep Method: 3541	Date Prepared:		03/13/2007 0759			
PCB-1016	<340		ug/Kg	110	340	20
PCB-1221	<340		ug/Kg	93	340	20
PCB-1232	<340		ug/Kg	91	340	20
PCB-1242	<340		ug/Kg	99	340	20
PCB-1248	5100		ug/Kg	73	340	20
PCB-1254	<340		ug/Kg	75	340	20
PCB-1260	<340		ug/Kg	67	340	20
PCB-1268	<340		ug/Kg	340	340	20
Polychlorinated biphenyls, Total	5100		ug/Kg	67	340	20

Surrogate				Acceptance Limits
Tetrachloro-m-xylene	0	D	%	39 - 115
DCB Decachlorobiphenyl	0	D	%	47 - 116

Method: PercentMoisture	Date Analyzed:		03/13/2007 1102			
Percent Moisture	3.5		%	0.10	0.10	1.0

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Job Number: 500-3099-1

Client Sample ID: SB-104,7-8.3'
Lab Sample ID: 500-3099-16

Date Sampled: 03/06/2007 0945
Date Received: 03/06/2007 1600
Client Matrix: Solid
Percent Solids: 94

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8082	Date Analyzed:		03/20/2007 0123			
Prep Method: 3541	Date Prepared:		03/13/2007 0759			
PCB-1016	<1700		ug/Kg	560	1700	100
PCB-1221	<1700		ug/Kg	460	1700	100
PCB-1232	<1700		ug/Kg	450	1700	100
PCB-1242	<1700		ug/Kg	490	1700	100
PCB-1248	26000		ug/Kg	360	1700	100
PCB-1254	<1700		ug/Kg	370	1700	100
PCB-1260	<1700		ug/Kg	330	1700	100
PCB-1268	<1700		ug/Kg	1700	1700	100
Polychlorinated biphenyls, Total	26000		ug/Kg	330	1700	100

Surrogate				Acceptance Limits
Tetrachloro-m-xylene	0	D	%	39 - 115
DCB Decachlorobiphenyl	0	D	%	47 - 116

Method: PercentMoisture	Date Analyzed:		03/13/2007 1102			
Percent Moisture	6.5		%	0.10	0.10	1.0

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Job Number: 500-3099-1

Client Sample ID: SB-104,10-11.5'
Lab Sample ID: 500-3099-17

Date Sampled: 03/06/2007 0955
Date Received: 03/06/2007 1600
Client Matrix: Solid
Percent Solids: 93

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8082	Date Analyzed:		03/20/2007 0145			
Prep Method: 3541	Date Prepared:		03/13/2007 0759			
PCB-1016	<360		ug/Kg	120	360	20
PCB-1221	<360		ug/Kg	98	360	20
PCB-1232	<360		ug/Kg	96	360	20
PCB-1242	<360		ug/Kg	100	360	20
PCB-1248	4500		ug/Kg	77	360	20
PCB-1254	<360		ug/Kg	79	360	20
PCB-1260	<360		ug/Kg	70	360	20
PCB-1268	<360		ug/Kg	360	360	20
Polychlorinated biphenyls, Total	4500		ug/Kg	70	360	20

Surrogate				Acceptance Limits
Tetrachloro-m-xylene	0	D	%	39 - 115
DCB Decachlorobiphenyl	0	D	%	47 - 116

Method: PercentMoisture	Date Analyzed:		03/13/2007 1102			
Percent Moisture	7.4		%	0.10	0.10	1.0

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Job Number: 500-3099-1

Client Sample ID: SB-103,2.4-3.9'
Lab Sample ID: 500-3099-18

Date Sampled: 03/06/2007 1035
Date Received: 03/06/2007 1600
Client Matrix: Solid
Percent Solids: 98

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8082	Date Analyzed:	03/20/2007 0228			
Prep Method: 3541	Date Prepared:	03/13/2007 0759			
PCB-1016	<83	ug/Kg	28	83	5.0
PCB-1221	<83	ug/Kg	23	83	5.0
PCB-1232	<83	ug/Kg	22	83	5.0
PCB-1242	<83	ug/Kg	24	83	5.0
PCB-1248	530	ug/Kg	18	83	5.0
PCB-1254	<83	ug/Kg	18	83	5.0
PCB-1260	<83	ug/Kg	16	83	5.0
PCB-1268	<83	ug/Kg	83	83	5.0
Polychlorinated biphenyls, Total	530	ug/Kg	16	83	5.0

Surrogate			Acceptance Limits
Tetrachloro-m-xylene	112	%	39 - 115
DCB Decachlorobiphenyl	99	%	47 - 116

Method: PercentMoisture	Date Analyzed:	03/13/2007 1102			
Percent Moisture	2.3	%	0.10	0.10	1.0

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Job Number: 500-3099-1

Client Sample ID: SB-103,5-7'
Lab Sample ID: 500-3099-19

Date Sampled: 03/06/2007 1040
Date Received: 03/06/2007 1600
Client Matrix: Solid
Percent Solids: 95

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8082	Date Analyzed:	03/20/2007 0250			
Prep Method: 3541	Date Prepared:	03/13/2007 0759			
PCB-1016	<170	ug/Kg	58	170	10
PCB-1221	<170	ug/Kg	48	170	10
PCB-1232	<170	ug/Kg	47	170	10
PCB-1242	<170	ug/Kg	51	170	10
PCB-1248	1700	ug/Kg	37	170	10
PCB-1254	<170	ug/Kg	38	170	10
PCB-1260	<170	ug/Kg	34	170	10
PCB-1268	<170	ug/Kg	170	170	10
Polychlorinated biphenyls, Total	1700	ug/Kg	34	170	10

Surrogate			Acceptance Limits
Tetrachloro-m-xylene	115	%	39 - 115
DCB Decachlorobiphenyl	101	%	47 - 116

Method: PercentMoisture	Date Analyzed:	03/13/2007 1102			
Percent Moisture	5.2	%	0.10	0.10	1.0

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Job Number: 500-3099-1

Client Sample ID: SB-103,8-9.9'
Lab Sample ID: 500-3099-20

Date Sampled: 03/06/2007 1045
Date Received: 03/06/2007 1600
Client Matrix: Solid
Percent Solids: 94

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8082	Date Analyzed:	03/20/2007 0312			
Prep Method: 3541	Date Prepared:	03/13/2007 0759			
PCB-1016	<170	ug/Kg	58	170	10
PCB-1221	<170	ug/Kg	48	170	10
PCB-1232	<170	ug/Kg	47	170	10
PCB-1242	<170	ug/Kg	51	170	10
PCB-1248	900	ug/Kg	37	170	10
PCB-1254	<170	ug/Kg	38	170	10
PCB-1260	<170	ug/Kg	34	170	10
PCB-1268	<170	ug/Kg	170	170	10
Polychlorinated biphenyls, Total	900	ug/Kg	34	170	10

Surrogate			Acceptance Limits
Tetrachloro-m-xylene	107	%	39 - 115
DCB Decachlorobiphenyl	97	%	47 - 116

Method: PercentMoisture	Date Analyzed:	03/13/2007 1102			
Percent Moisture	6.3	%	0.10	0.10	1.0

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Job Number: 500-3099-1

Client Sample ID: SB-103,10-12'
Lab Sample ID: 500-3099-21

Date Sampled: 03/06/2007 1055
Date Received: 03/06/2007 1600
Client Matrix: Solid
Percent Solids: 94

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8082	Date Analyzed:	03/19/2007 1725			
Prep Method: 3541	Date Prepared:	03/14/2007 0753			
PCB-1016	<88	ug/Kg	30	88	5.0
PCB-1221	<88	ug/Kg	24	88	5.0
PCB-1232	<88	ug/Kg	24	88	5.0
PCB-1242	<88	ug/Kg	26	88	5.0
PCB-1248	860	ug/Kg	19	88	5.0
PCB-1254	<88	ug/Kg	20	88	5.0
PCB-1260	<88	ug/Kg	17	88	5.0
PCB-1268	<88	ug/Kg	88	88	5.0
Polychlorinated biphenyls, Total	860	ug/Kg	17	88	5.0

Surrogate			Acceptance Limits
Tetrachloro-m-xylene	93	%	39 - 115
DCB Decachlorobiphenyl	99	%	47 - 116

Method: PercentMoisture	Date Analyzed:	03/13/2007 1107			
Percent Moisture	6.4	%	0.10	0.10	1.0

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Job Number: 500-3099-1

Client Sample ID: SB-102,2.4-3.9'
Lab Sample ID: 500-3099-22

Date Sampled: 03/06/2007 1105
Date Received: 03/06/2007 1600
Client Matrix: Solid
Percent Solids: 97

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8082	Date Analyzed:	03/20/2007 0942			
Prep Method: 3541	Date Prepared:	03/14/2007 0753			
PCB-1016	<170	ug/Kg	57	170	10
PCB-1221	<170	ug/Kg	47	170	10
PCB-1232	<170	ug/Kg	46	170	10
PCB-1242	<170	ug/Kg	50	170	10
PCB-1248	1200	ug/Kg	37	170	10
PCB-1254	<170	ug/Kg	38	170	10
PCB-1260	<170	ug/Kg	34	170	10
PCB-1268	<170	ug/Kg	170	170	10
Polychlorinated biphenyls, Total	1200	ug/Kg	34	170	10

Surrogate			Acceptance Limits
Tetrachloro-m-xylene	83	%	39 - 115
DCB Decachlorobiphenyl	113	%	47 - 116

Method: PercentMoisture	Date Analyzed:	03/13/2007 1107			
Percent Moisture	3.1	%	0.10	0.10	1.0

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Job Number: 500-3099-1

Client Sample ID: SB-102,5-7'
Lab Sample ID: 500-3099-23

Date Sampled: 03/06/2007 1110
Date Received: 03/06/2007 1600
Client Matrix: Solid
Percent Solids: 89

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8082	Date Analyzed:		03/20/2007 0148			
Prep Method: 3541	Date Prepared:		03/14/2007 0753			
PCB-1016	<1800		ug/Kg	620	1800	100
PCB-1221	<1800		ug/Kg	510	1800	100
PCB-1232	<1800		ug/Kg	500	1800	100
PCB-1242	<1800		ug/Kg	540	1800	100
PCB-1248	16000		ug/Kg	400	1800	100
PCB-1254	<1800		ug/Kg	410	1800	100
PCB-1260	<1800		ug/Kg	360	1800	100
PCB-1268	<1800		ug/Kg	1800	1800	100
Polychlorinated biphenyls, Total	16000		ug/Kg	360	1800	100

Surrogate				Acceptance Limits
Tetrachloro-m-xylene	0	D	%	39 - 115
DCB Decachlorobiphenyl	0	D	%	47 - 116

Method: PercentMoisture	Date Analyzed:		03/13/2007 1107			
Percent Moisture	11		%	0.10	0.10	1.0

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Job Number: 500-3099-1

Client Sample ID: SB-102,7-8.2'
Lab Sample ID: 500-3099-24

Date Sampled: 03/06/2007 1115
Date Received: 03/06/2007 1600
Client Matrix: Solid
Percent Solids: 91

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8082	Date Analyzed:		03/20/2007 0208			
Prep Method: 3541	Date Prepared:		03/14/2007 0753			
PCB-1016	<1800		ug/Kg	610	1800	100
PCB-1221	<1800		ug/Kg	500	1800	100
PCB-1232	<1800		ug/Kg	490	1800	100
PCB-1242	<1800		ug/Kg	530	1800	100
PCB-1248	9700		ug/Kg	390	1800	100
PCB-1254	<1800		ug/Kg	400	1800	100
PCB-1260	<1800		ug/Kg	360	1800	100
PCB-1268	<1800		ug/Kg	1800	1800	100
Polychlorinated biphenyls, Total	9700		ug/Kg	360	1800	100

Surrogate				Acceptance Limits
Tetrachloro-m-xylene	0	D	%	39 - 115
DCB Decachlorobiphenyl	0	D	%	47 - 116

Method: PercentMoisture	Date Analyzed:		03/13/2007 1107			
Percent Moisture	9.4		%	0.10	0.10	1.0

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Job Number: 500-3099-1

Client Sample ID: SB-102,7-8.2' Dupl.
Lab Sample ID: 500-3099-25

Date Sampled: 03/06/2007 1120
Date Received: 03/06/2007 1600
Client Matrix: Solid
Percent Solids: 87

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8082	Date Analyzed:		03/20/2007 0227			
Prep Method: 3541	Date Prepared:		03/14/2007 0753			
PCB-1016	<900		ug/Kg	300	900	50
PCB-1221	<900		ug/Kg	250	900	50
PCB-1232	<900		ug/Kg	240	900	50
PCB-1242	<900		ug/Kg	270	900	50
PCB-1248	5500		ug/Kg	190	900	50
PCB-1254	<900		ug/Kg	200	900	50
PCB-1260	<900		ug/Kg	180	900	50
PCB-1268	<900		ug/Kg	900	900	50
Polychlorinated biphenyls, Total	5500		ug/Kg	180	900	50

Surrogate				Acceptance Limits
Tetrachloro-m-xylene	0	D	%	39 - 115
DCB Decachlorobiphenyl	0	D	%	47 - 116

Method: PercentMoisture	Date Analyzed:		03/13/2007 1107			
Percent Moisture	13		%	0.10	0.10	1.0

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Job Number: 500-3099-1

Client Sample ID: SB-102,10-11.3'
Lab Sample ID: 500-3099-26

Date Sampled: 03/06/2007 1125
Date Received: 03/06/2007 1600
Client Matrix: Solid
Percent Solids: 95

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8082	Date Analyzed:		03/20/2007 0307			
Prep Method: 3541	Date Prepared:		03/14/2007 0753			
PCB-1016	<1700		ug/Kg	560	1700	100
PCB-1221	<1700		ug/Kg	460	1700	100
PCB-1232	<1700		ug/Kg	450	1700	100
PCB-1242	<1700		ug/Kg	490	1700	100
PCB-1248	21000		ug/Kg	360	1700	100
PCB-1254	<1700		ug/Kg	370	1700	100
PCB-1260	<1700		ug/Kg	330	1700	100
PCB-1268	<1700		ug/Kg	1700	1700	100
Polychlorinated biphenyls, Total	21000		ug/Kg	330	1700	100

Surrogate				Acceptance Limits
Tetrachloro-m-xylene	0	D	%	39 - 115
DCB Decachlorobiphenyl	0	D	%	47 - 116

Method: PercentMoisture	Date Analyzed:		03/13/2007 1107			
Percent Moisture	5.2		%	0.10	0.10	1.0

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Job Number: 500-3099-1

Client Sample ID: SB-101,2.5-3.8'
Lab Sample ID: 500-3099-27

Date Sampled: 03/06/2007 1130
Date Received: 03/06/2007 1600
Client Matrix: Solid
Percent Solids: 97

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8082	Date Analyzed:		03/20/2007 0326			
Prep Method: 3541	Date Prepared:		03/14/2007 0753			
PCB-1016	<1700		ug/Kg	560	1700	100
PCB-1221	<1700		ug/Kg	460	1700	100
PCB-1232	<1700		ug/Kg	450	1700	100
PCB-1242	<1700		ug/Kg	490	1700	100
PCB-1248	16000		ug/Kg	360	1700	100
PCB-1254	<1700		ug/Kg	370	1700	100
PCB-1260	<1700		ug/Kg	330	1700	100
PCB-1268	<1700		ug/Kg	1700	1700	100
Polychlorinated biphenyls, Total	16000		ug/Kg	330	1700	100

Surrogate				Acceptance Limits
Tetrachloro-m-xylene	0	D	%	39 - 115
DCB Decachlorobiphenyl	0	D	%	47 - 116

Method: PercentMoisture	Date Analyzed:		03/13/2007 1107			
Percent Moisture	3.3		%	0.10	0.10	1.0

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Job Number: 500-3099-1

Client Sample ID: SB-101,5-7'
Lab Sample ID: 500-3099-28

Date Sampled: 03/06/2007 1135
Date Received: 03/06/2007 1600
Client Matrix: Solid
Percent Solids: 95

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8082	Date Analyzed:		03/20/2007 0346			
Prep Method: 3541	Date Prepared:		03/14/2007 0753			
PCB-1016	<1700		ug/Kg	580	1700	100
PCB-1221	<1700		ug/Kg	480	1700	100
PCB-1232	<1700		ug/Kg	470	1700	100
PCB-1242	<1700		ug/Kg	510	1700	100
PCB-1248	25000		ug/Kg	380	1700	100
PCB-1254	<1700		ug/Kg	390	1700	100
PCB-1260	<1700		ug/Kg	340	1700	100
PCB-1268	<1700		ug/Kg	1700	1700	100
Polychlorinated biphenyls, Total	25000		ug/Kg	340	1700	100

Surrogate				Acceptance Limits
Tetrachloro-m-xylene	0	D	%	39 - 115
DCB Decachlorobiphenyl	0	D	%	47 - 116

Method: PercentMoisture	Date Analyzed:		03/13/2007 1107			
Percent Moisture	5.2		%	0.10	0.10	1.0

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Job Number: 500-3099-1

Client Sample ID: SB-101,7-9'
Lab Sample ID: 500-3099-29

Date Sampled: 03/06/2007 1140
Date Received: 03/06/2007 1600
Client Matrix: Solid
Percent Solids: 94

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8082	Date Analyzed:		03/20/2007 0425			
Prep Method: 3541	Date Prepared:		03/14/2007 0753			
PCB-1016	<850		ug/Kg	290	850	50
PCB-1221	<850		ug/Kg	230	850	50
PCB-1232	<850		ug/Kg	230	850	50
PCB-1242	<850		ug/Kg	250	850	50
PCB-1248	5800		ug/Kg	180	850	50
PCB-1254	<850		ug/Kg	190	850	50
PCB-1260	<850		ug/Kg	170	850	50
PCB-1268	<850		ug/Kg	850	850	50
Polychlorinated biphenyls, Total	5800		ug/Kg	170	850	50

Surrogate				Acceptance Limits
Tetrachloro-m-xylene	0	D	%	39 - 115
DCB Decachlorobiphenyl	0	D	%	47 - 116

Method: PercentMoisture	Date Analyzed:		03/13/2007 1107			
Percent Moisture	6.4		%	0.10	0.10	1.0

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Job Number: 500-3099-1

Client Sample ID: SB-101,10-12'
Lab Sample ID: 500-3099-30

Date Sampled: 03/06/2007 1145
Date Received: 03/06/2007 1600
Client Matrix: Solid
Percent Solids: 95

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8082	Date Analyzed:		03/20/2007 0445			
Prep Method: 3541	Date Prepared:		03/14/2007 0753			
PCB-1016	<340		ug/Kg	120	340	20
PCB-1221	<340		ug/Kg	95	340	20
PCB-1232	<340		ug/Kg	93	340	20
PCB-1242	<340		ug/Kg	100	340	20
PCB-1248	3700		ug/Kg	74	340	20
PCB-1254	<340		ug/Kg	76	340	20
PCB-1260	<340		ug/Kg	68	340	20
PCB-1268	<340		ug/Kg	340	340	20
Polychlorinated biphenyls, Total	3700		ug/Kg	68	340	20

Surrogate				Acceptance Limits
Tetrachloro-m-xylene	0	D	%	39 - 115
DCB Decachlorobiphenyl	0	D	%	47 - 116

Method: PercentMoisture	Date Analyzed:		03/13/2007 1107			
Percent Moisture	5.4		%	0.10	0.10	1.0

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Job Number: 500-3099-1

Client Sample ID: SB-101,10-12' Dupl.
Lab Sample ID: 500-3099-31

Date Sampled: 03/06/2007 1145
Date Received: 03/06/2007 1600
Client Matrix: Solid
Percent Solids: 93

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8082	Date Analyzed:	03/20/2007 0505			
Prep Method: 3541	Date Prepared:	03/14/2007 0753			
PCB-1016	<350	ug/Kg	120	350	20
PCB-1221	<350	ug/Kg	97	350	20
PCB-1232	<350	ug/Kg	95	350	20
PCB-1242	<350	ug/Kg	100	350	20
PCB-1248	3300	ug/Kg	76	350	20
PCB-1254	<350	ug/Kg	78	350	20
PCB-1260	<350	ug/Kg	69	350	20
PCB-1268	<350	ug/Kg	350	350	20
Polychlorinated biphenyls, Total	3300	ug/Kg	69	350	20

Surrogate				Acceptance Limits
Tetrachloro-m-xylene	0	D	%	39 - 115
DCB Decachlorobiphenyl	0	D	%	47 - 116

Method: PercentMoisture	Date Analyzed:	03/13/2007 1107			
Percent Moisture	7.1	%	0.10	0.10	1.0

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Job Number: 500-3099-1

Client Sample ID: SB-101,12-13.1'
Lab Sample ID: 500-3099-32

Date Sampled: 03/06/2007 1150
Date Received: 03/06/2007 1600
Client Matrix: Solid
Percent Solids: 95

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8082	Date Analyzed:	03/20/2007 0603			
Prep Method: 3541	Date Prepared:	03/14/2007 0753			
PCB-1016	<870	ug/Kg	290	870	50
PCB-1221	<870	ug/Kg	240	870	50
PCB-1232	<870	ug/Kg	230	870	50
PCB-1242	<870	ug/Kg	250	870	50
PCB-1248	5300	ug/Kg	190	870	50
PCB-1254	<870	ug/Kg	190	870	50
PCB-1260	<870	ug/Kg	170	870	50
PCB-1268	<870	ug/Kg	870	870	50
Polychlorinated biphenyls, Total	5300	ug/Kg	170	870	50

Surrogate				Acceptance Limits
Tetrachloro-m-xylene	0	D	%	39 - 115
DCB Decachlorobiphenyl	0	D	%	47 - 116

Method: PercentMoisture	Date Analyzed:	03/13/2007 1107			
Percent Moisture	4.6	%	0.10	0.10	1.0

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Job Number: 500-3099-1

Client Sample ID: SB-102FB
Lab Sample ID: 500-3099-33

Date Sampled: 03/06/2007 1125
Date Received: 03/06/2007 1600
Client Matrix: Solid
Percent Solids: 100

Analyte	Result/Qualifier	Unit	MDL	RL	Dilution
Method: 8082	Date Analyzed:	03/19/2007 2319			
Prep Method: 3541	Date Prepared:	03/14/2007 0753			
PCB-1016	<16	ug/Kg	5.3	16	1.0
PCB-1221	<16	ug/Kg	4.4	16	1.0
PCB-1232	<16	ug/Kg	4.3	16	1.0
PCB-1242	<16	ug/Kg	4.6	16	1.0
PCB-1248	<16	ug/Kg	3.4	16	1.0
PCB-1254	<16	ug/Kg	3.5	16	1.0
PCB-1260	<16	ug/Kg	3.1	16	1.0
PCB-1268	<16	ug/Kg	16	16	1.0
Polychlorinated biphenyls, Total	<16	ug/Kg	3.1	16	1.0

Surrogate			Acceptance Limits
Tetrachloro-m-xylene	57	%	39 - 115
DCB Decachlorobiphenyl	79	%	47 - 116

Method: PercentMoisture	Date Analyzed:	03/13/2007 1107			
Percent Moisture	0.52	%	0.10	0.10	1.0

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Job Number: 500-3099-1

Client Sample ID: SB-107,2.5-4'
Lab Sample ID: 500-3099-34

Date Sampled: 03/05/2007 1500
Date Received: 03/06/2007 1600
Client Matrix: Solid
Percent Solids: 94

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8082	Date Analyzed:		03/20/2007 0623			
Prep Method: 3541	Date Prepared:		03/14/2007 0753			
PCB-1016	<350		ug/Kg	120	350	20
PCB-1221	<350		ug/Kg	96	350	20
PCB-1232	<350		ug/Kg	94	350	20
PCB-1242	<350		ug/Kg	100	350	20
PCB-1248	5200		ug/Kg	75	350	20
PCB-1254	<350		ug/Kg	77	350	20
PCB-1260	<350		ug/Kg	69	350	20
PCB-1268	<350		ug/Kg	350	350	20
Polychlorinated biphenyls, Total	5200		ug/Kg	69	350	20

Surrogate				Acceptance Limits
Tetrachloro-m-xylene	0	D	%	39 - 115
DCB Decachlorobiphenyl	0	D	%	47 - 116

Method: PercentMoisture	Date Analyzed:		03/13/2007 1107			
Percent Moisture	5.9		%	0.10	0.10	1.0

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Job Number: 500-3099-1

Client Sample ID: SB-107,5-7'
Lab Sample ID: 500-3099-35

Date Sampled: 03/05/2007 1505
Date Received: 03/06/2007 1600
Client Matrix: Solid
Percent Solids: 91

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8082	Date Analyzed:		03/20/2007 0643			
Prep Method: 3541	Date Prepared:		03/14/2007 0753			
PCB-1016	<370		ug/Kg	120	370	20
PCB-1221	<370		ug/Kg	100	370	20
PCB-1232	<370		ug/Kg	99	370	20
PCB-1242	<370		ug/Kg	110	370	20
PCB-1248	4200		ug/Kg	79	370	20
PCB-1254	<370		ug/Kg	81	370	20
PCB-1260	<370		ug/Kg	72	370	20
PCB-1268	<370		ug/Kg	370	370	20
Polychlorinated biphenyls, Total	4200		ug/Kg	72	370	20

Surrogate				Acceptance Limits
Tetrachloro-m-xylene	0	D	%	39 - 115
DCB Decachlorobiphenyl	0	D	%	47 - 116

Method: PercentMoisture	Date Analyzed:		03/13/2007 1107			
Percent Moisture	9.3		%	0.10	0.10	1.0

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Job Number: 500-3099-1

Client Sample ID: SB-107,7-9'
Lab Sample ID: 500-3099-36

Date Sampled: 03/05/2007 1510
Date Received: 03/06/2007 1600
Client Matrix: Solid
Percent Solids: 84

Analyte	Result/Qualifier		Unit	MDL	RL	Dilution
Method: 8082	Date Analyzed:		03/20/2007 0722			
Prep Method: 3541	Date Prepared:		03/14/2007 0753			
PCB-1016	<930		ug/Kg	310	930	50
PCB-1221	<930		ug/Kg	260	930	50
PCB-1232	<930		ug/Kg	250	930	50
PCB-1242	<930		ug/Kg	270	930	50
PCB-1248	5800		ug/Kg	200	930	50
PCB-1254	<930		ug/Kg	210	930	50
PCB-1260	<930		ug/Kg	180	930	50
PCB-1268	<930		ug/Kg	930	930	50
Polychlorinated biphenyls, Total	5800		ug/Kg	180	930	50

Surrogate				Acceptance Limits
Tetrachloro-m-xylene	0	D	%	39 - 115
DCB Decachlorobiphenyl	0	D	%	47 - 116

Method: PercentMoisture	Date Analyzed:		03/13/2007 1107			
Percent Moisture	16		%	0.10	0.10	1.0

DATA REPORTING QUALIFIERS

Client: Deigan & Associates

Job Number: 500-3099-1

Lab Section	Qualifier	Description
GC Semi VOA		
	F	MS or MSD exceeds the control limits
	F	RPD of the MS and MSD exceeds the control limits
	X	Surrogate exceeds the control limits
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.

QUALITY CONTROL RESULTS

Client: Deigan & Associates

Job Number: 500-3099-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 500-11501					
LCS 500-11501/2-AA	Lab Control Spike	T	Solid	3541	
MB 500-11501/1-AA	Method Blank	T	Solid	3541	
500-3099-1	SB-106,2.5-4.0'	T	Solid	3541	
500-3099-1MS	Matrix Spike	T	Solid	3541	
500-3099-1MSD	Matrix Spike Duplicate	T	Solid	3541	
500-3099-2	SB-106,5-7'	T	Solid	3541	
500-3099-3	SB-106,7-8.4'	T	Solid	3541	
500-3099-4	SB-106,5-7' Dupl.	T	Solid	3541	
500-3099-5	SB-106,10-12'	T	Solid	3541	
500-3099-6	SB-106,12-14'	T	Solid	3541	
500-3099-7	SB-105,2.2-3.7'	T	Solid	3541	
500-3099-8	SB-105,5-7'	T	Solid	3541	
500-3099-9	SB-105 FB	T	Solid	3541	
500-3099-10	SB-105,7-8'	T	Solid	3541	
500-3099-11	SB-105,10-12'	T	Solid	3541	
500-3099-12	SB-105,12-13'	T	Solid	3541	
500-3099-13	SB-104,2.5-4.0'	T	Solid	3541	
500-3099-14	SB-104,2.5-4.0' Dupl.	T	Solid	3541	
500-3099-15	SB-104,5.7'	T	Solid	3541	
500-3099-16	SB-104,7-8.3'	T	Solid	3541	
500-3099-17	SB-104,10-11.5'	T	Solid	3541	
500-3099-18	SB-103,2.4-3.9'	T	Solid	3541	
500-3099-19	SB-103,5-7'	T	Solid	3541	
500-3099-20	SB-103,8-9.9'	T	Solid	3541	

Client: Deigan & Associates

Job Number: 500-3099-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 500-11569					
LCS 500-11569/2-AA	Lab Control Spike	T	Solid	3541	
MB 500-11569/1-AA	Method Blank	T	Solid	3541	
500-3099-21	SB-103,10-12'	T	Solid	3541	
500-3099-21MS	Matrix Spike	T	Solid	3541	
500-3099-21MSD	Matrix Spike Duplicate	T	Solid	3541	
500-3099-22	SB-102,2.4-3.9'	T	Solid	3541	
500-3099-23	SB-102,5-7'	T	Solid	3541	
500-3099-24	SB-102,7-8.2'	T	Solid	3541	
500-3099-25	SB-102,7-8.2' Dupl.	T	Solid	3541	
500-3099-26	SB-102,10-11.3'	T	Solid	3541	
500-3099-27	SB-101,2.5-3.8'	T	Solid	3541	
500-3099-28	SB-101,5-7'	T	Solid	3541	
500-3099-29	SB-101,7-9'	T	Solid	3541	
500-3099-30	SB-101,10-12'	T	Solid	3541	
500-3099-31	SB-101,10-12' Dupl.	T	Solid	3541	
500-3099-32	SB-101,12-13.1'	T	Solid	3541	
500-3099-33	SB-102FB	T	Solid	3541	
500-3099-34	SB-107,2.5-4'	T	Solid	3541	
500-3099-35	SB-107,5-7'	T	Solid	3541	
500-3099-36	SB-107,7-9'	T	Solid	3541	

Client: Deigan & Associates

Job Number: 500-3099-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:500-11805					
LCS 500-11501/2-AA	Lab Control Spike	T	Solid	8082	500-11501
MB 500-11501/1-AA	Method Blank	T	Solid	8082	500-11501
500-3099-1	SB-106,2.5-4.0'	T	Solid	8082	500-11501
500-3099-1MS	Matrix Spike	T	Solid	8082	500-11501
500-3099-1MSD	Matrix Spike Duplicate	T	Solid	8082	500-11501
500-3099-2	SB-106,5-7'	T	Solid	8082	500-11501
500-3099-3	SB-106,7-8.4'	T	Solid	8082	500-11501
500-3099-4	SB-106,5-7' Dupl.	T	Solid	8082	500-11501
500-3099-5	SB-106,10-12'	T	Solid	8082	500-11501
500-3099-6	SB-106,12-14'	T	Solid	8082	500-11501
500-3099-7	SB-105,2.2-3.7'	T	Solid	8082	500-11501
500-3099-8	SB-105,5-7'	T	Solid	8082	500-11501
500-3099-9	SB-105 FB	T	Solid	8082	500-11501
500-3099-10	SB-105,7-8'	T	Solid	8082	500-11501
500-3099-11	SB-105,10-12'	T	Solid	8082	500-11501
500-3099-12	SB-105,12-13'	T	Solid	8082	500-11501
500-3099-13	SB-104,2.5-4.0'	T	Solid	8082	500-11501
500-3099-14	SB-104,2.5-4.0' Dupl.	T	Solid	8082	500-11501
500-3099-15	SB-104,5.7'	T	Solid	8082	500-11501
500-3099-16	SB-104,7-8.3'	T	Solid	8082	500-11501
500-3099-17	SB-104,10-11.5'	T	Solid	8082	500-11501
500-3099-18	SB-103,2.4-3.9'	T	Solid	8082	500-11501
500-3099-19	SB-103,5-7'	T	Solid	8082	500-11501
500-3099-20	SB-103,8-9.9'	T	Solid	8082	500-11501

Client: Deigan & Associates

Job Number: 500-3099-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:500-11845					
LCS 500-11569/2-AA	Lab Control Spike	T	Solid	8082	500-11569
MB 500-11569/1-AA	Method Blank	T	Solid	8082	500-11569
500-3099-21	SB-103,10-12'	T	Solid	8082	500-11569
500-3099-21MS	Matrix Spike	T	Solid	8082	500-11569
500-3099-21MSD	Matrix Spike Duplicate	T	Solid	8082	500-11569
500-3099-22	SB-102,2.4-3.9'	T	Solid	8082	500-11569
500-3099-23	SB-102,5-7'	T	Solid	8082	500-11569
500-3099-24	SB-102,7-8.2'	T	Solid	8082	500-11569
500-3099-25	SB-102,7-8.2' Dupl.	T	Solid	8082	500-11569
500-3099-26	SB-102,10-11.3'	T	Solid	8082	500-11569
500-3099-27	SB-101,2.5-3.8'	T	Solid	8082	500-11569
500-3099-28	SB-101,5-7'	T	Solid	8082	500-11569
500-3099-29	SB-101,7-9'	T	Solid	8082	500-11569
500-3099-30	SB-101,10-12'	T	Solid	8082	500-11569
500-3099-31	SB-101,10-12' Dupl.	T	Solid	8082	500-11569
500-3099-32	SB-101,12-13.1'	T	Solid	8082	500-11569
500-3099-33	SB-102FB	T	Solid	8082	500-11569
500-3099-34	SB-107,2.5-4'	T	Solid	8082	500-11569
500-3099-35	SB-107,5-7'	T	Solid	8082	500-11569
500-3099-36	SB-107,7-9'	T	Solid	8082	500-11569

Report Basis
T = Total

Client: Deigan & Associates

Job Number: 500-3099-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:500-11531					
500-3099-1	SB-106,2.5-4.0'	T	Solid	PercentMoisture	
500-3099-1DU	Duplicate	T	Solid	PercentMoisture	
500-3099-2	SB-106,5-7'	T	Solid	PercentMoisture	
500-3099-3	SB-106,7-8.4'	T	Solid	PercentMoisture	
500-3099-4	SB-106,5-7' Dupl.	T	Solid	PercentMoisture	
500-3099-5	SB-106,10-12'	T	Solid	PercentMoisture	
500-3099-6	SB-106,12-14'	T	Solid	PercentMoisture	
500-3099-7	SB-105,2.2-3.7'	T	Solid	PercentMoisture	
500-3099-8	SB-105,5-7'	T	Solid	PercentMoisture	
500-3099-9	SB-105 FB	T	Solid	PercentMoisture	
500-3099-10	SB-105,7-8'	T	Solid	PercentMoisture	
500-3099-11	SB-105,10-12'	T	Solid	PercentMoisture	
500-3099-12	SB-105,12-13'	T	Solid	PercentMoisture	
500-3099-13	SB-104,2.5-4.0'	T	Solid	PercentMoisture	
500-3099-14	SB-104,2.5-4.0' Dupl.	T	Solid	PercentMoisture	
500-3099-15	SB-104,5.7'	T	Solid	PercentMoisture	
500-3099-16	SB-104,7-8.3'	T	Solid	PercentMoisture	
500-3099-17	SB-104,10-11.5'	T	Solid	PercentMoisture	
500-3099-18	SB-103,2.4-3.9'	T	Solid	PercentMoisture	
500-3099-19	SB-103,5-7'	T	Solid	PercentMoisture	
500-3099-20	SB-103,8-9.9'	T	Solid	PercentMoisture	
Analysis Batch:500-11533					
500-3099-21	SB-103,10-12'	T	Solid	PercentMoisture	
500-3099-22	SB-102,2.4-3.9'	T	Solid	PercentMoisture	
500-3099-23	SB-102,5-7'	T	Solid	PercentMoisture	
500-3099-23DU	Duplicate	T	Solid	PercentMoisture	
500-3099-24	SB-102,7-8.2'	T	Solid	PercentMoisture	
500-3099-25	SB-102,7-8.2' Dupl.	T	Solid	PercentMoisture	
500-3099-26	SB-102,10-11.3'	T	Solid	PercentMoisture	
500-3099-27	SB-101,2.5-3.8'	T	Solid	PercentMoisture	
500-3099-28	SB-101,5-7'	T	Solid	PercentMoisture	
500-3099-29	SB-101,7-9'	T	Solid	PercentMoisture	
500-3099-30	SB-101,10-12'	T	Solid	PercentMoisture	
500-3099-31	SB-101,10-12' Dupl.	T	Solid	PercentMoisture	
500-3099-32	SB-101,12-13.1'	T	Solid	PercentMoisture	
500-3099-33	SB-102FB	T	Solid	PercentMoisture	
500-3099-34	SB-107,2.5-4'	T	Solid	PercentMoisture	
500-3099-35	SB-107,5-7'	T	Solid	PercentMoisture	
500-3099-36	SB-107,7-9'	T	Solid	PercentMoisture	

Report Basis
T = Total

Client: Deigan & Associates

Job Number: 500-3099-1

Surrogate Recovery Report

8082 PCBs

Client Matrix: Solid

Lab Sample ID	Client Sample	(DCB 1) (%Rec)	(TCX 1) (%Rec)
500-3099-1	SB-106,2.5-4.0'	83	106
500-3099-2	SB-106,5-7'	86	105
500-3099-3	SB-106,7-8.4'	82	100
500-3099-4	SB-106,5-7' Dupl.	95	115
500-3099-5	SB-106,10-12'	89	105
500-3099-6	SB-106,12-14'	88	104
500-3099-7	SB-105,2.2-3.7'	0 D	0 D
500-3099-8	SB-105,5-7'	0 D	0 D
500-3099-9	SB-105 FB	72	74
500-3099-10	SB-105,7-8'	0 D	0 D
500-3099-11	SB-105,10-12'	0 D	0 D
500-3099-12	SB-105,12-13'	0 D	0 D
500-3099-13	SB-104,2.5-4.0'	106	116 X
500-3099-14	SB-104,2.5-4.0' Dupl.	97	107
500-3099-15	SB-104,5.7'	0 D	0 D
500-3099-16	SB-104,7-8.3'	0 D	0 D
500-3099-17	SB-104,10-11.5'	0 D	0 D
500-3099-18	SB-103,2.4-3.9'	99	112
500-3099-19	SB-103,5-7'	101	115
500-3099-20	SB-103,8-9.9'	97	107
500-3099-21	SB-103,10-12'	99	93
500-3099-22	SB-102,2.4-3.9'	113	83
500-3099-23	SB-102,5-7'	0 D	0 D
500-3099-24	SB-102,7-8.2'	0 D	0 D
500-3099-25	SB-102,7-8.2' Dupl.	0 D	0 D

Client: Deigan & Associates

Job Number: 500-3099-1

		(DCB 1) (%Rec)	(TCX 1) (%Rec)
500-3099-26	SB-102,10-11.3'	0 D	0 D
500-3099-27	SB-101,2.5-3.8'	0 D	0 D
500-3099-28	SB-101,5-7'	0 D	0 D
500-3099-29	SB-101,7-9'	0 D	0 D
500-3099-30	SB-101,10-12'	0 D	0 D
500-3099-31	SB-101,10-12' Dupl.	0 D	0 D
500-3099-32	SB-101,12-13.1'	0 D	0 D
500-3099-33	SB-102FB	79	57
500-3099-34	SB-107,2.5-4'	0 D	0 D
500-3099-35	SB-107,5-7'	0 D	0 D
500-3099-36	SB-107,7-9'	0 D	0 D
500-3099-1MS	SB-106,2.5-4.0'	86	102
500-3099-1MSD	SB-106,2.5-4.0'	81	99
500-3099-21MS	SB-103,10-12'	104	93
500-3099-21MSD	SB-103,10-12'	101	93
LCS 500-11501/2-AA		70	82
LCS 500-11569/2-AA		87	65
MB 500-11501/1-AA		73	87
MB 500-11569/1-AA		93	74

Surrogate		Acceptance Limits
(DCB 1)	DCB Decachlorobiphenyl	47 - 116
(TCX 1)	Tetrachloro-m-xylene	39 - 115

Client: Deigan & Associates

Job Number: 500-3099-1

Method Blank - Batch: 500-11501

Method: 8082
Preparation: 3541

Lab Sample ID: MB 500-11501/1-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/17/2007 0216
Date Prepared: 03/13/2007 0759

Analysis Batch: 500-11805
Prep Batch: 500-11501
Units: ug/Kg

Instrument ID: HP 6890N GC
Lab File ID: 03150723_080.d
Initial Weight/Volume: 15.000 g
Final Weight/Volume: 5.0 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
PCB-1016	<17		5.6	17
PCB-1221	<17		4.6	17
PCB-1232	<17		4.5	17
PCB-1242	<17		4.9	17
PCB-1248	<17		3.6	17
PCB-1254	<17		3.7	17
PCB-1260	<17		3.3	17
PCB-1268	<17		17	17
Polychlorinated biphenyls, Total	<17		3.3	17

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	87	39 - 115
DCB Decachlorobiphenyl	73	47 - 116

Lab Control Spike - Batch: 500-11501

Method: 8082
Preparation: 3541

Lab Sample ID: LCS 500-11501/2-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/17/2007 0238
Date Prepared: 03/13/2007 0759

Analysis Batch: 500-11805
Prep Batch: 500-11501
Units: ug/Kg

Instrument ID: HP 6890N GC
Lab File ID: 03150723_081.d
Initial Weight/Volume: 15.000 g
Final Weight/Volume: 5.0 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
PCB-1016	167	121	73	48 - 113	
PCB-1260	167	117	70	62 - 117	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	82	39 - 115
DCB Decachlorobiphenyl	70	47 - 116

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Deigan & Associates

Job Number: 500-3099-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 500-11501

Method: 8082
Preparation: 3541

MS Lab Sample ID:	500-3099-1	Analysis Batch: 500-11805	Instrument ID: HP 6890N GC
Client Matrix:	Solid	Prep Batch: 500-11501	Lab File ID: 03190723_024.d
Dilution:	2.0		Initial Weight/Volume: 15.5772 g
Date Analyzed:	03/19/2007 1934		Final Weight/Volume: 5.0 mL
Date Prepared:	03/13/2007 0759		Injection Volume:
			Column ID: PRIMARY

MSD Lab Sample ID:	500-3099-1	Analysis Batch: 500-11805	Instrument ID: HP 6890N GC
Client Matrix:	Solid	Prep Batch: 500-11501	Lab File ID: 03190723_025.d
Dilution:	2.0		Initial Weight/Volume: 15.2895 g
Date Analyzed:	03/19/2007 1956		Final Weight/Volume: 5.0 mL
Date Prepared:	03/13/2007 0759		Injection Volume:
			Column ID: PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
PCB-1016	271	540	48 - 113	68	30	F	F
PCB-1260	103	113	62 - 117	12	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	102	99	39 - 115
DCB Decachlorobiphenyl	86	81	47 - 116

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Deigan & Associates

Job Number: 500-3099-1

Method Blank - Batch: 500-11569

Method: 8082
Preparation: 3541

Lab Sample ID: MB 500-11569/1-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/19/2007 1151
Date Prepared: 03/14/2007 0753

Analysis Batch: 500-11845
Prep Batch: 500-11569
Units: ug/Kg

Instrument ID: HP 6890N GC
Lab File ID: 03140731_002.d
Initial Weight/Volume: 15.000 g
Final Weight/Volume: 5.0 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
PCB-1016	<17		5.6	17
PCB-1221	<17		4.6	17
PCB-1232	<17		4.5	17
PCB-1242	<17		4.9	17
PCB-1248	<17		3.6	17
PCB-1254	<17		3.7	17
PCB-1260	<17		3.3	17
PCB-1268	<17		17	17
Polychlorinated biphenyls, Total	<17		3.3	17

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	74	39 - 115
DCB Decachlorobiphenyl	93	47 - 116

Lab Control Spike - Batch: 500-11569

Method: 8082
Preparation: 3541

Lab Sample ID: LCS 500-11569/2-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/19/2007 1211
Date Prepared: 03/14/2007 0753

Analysis Batch: 500-11845
Prep Batch: 500-11569
Units: ug/Kg

Instrument ID: HP 6890N GC
Lab File ID: 03140731_003.d
Initial Weight/Volume: 15.000 g
Final Weight/Volume: 5.0 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
PCB-1016	167	128	77	48 - 113	
PCB-1260	167	151	90	62 - 117	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	65	39 - 115
DCB Decachlorobiphenyl	87	47 - 116

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Deigan & Associates

Job Number: 500-3099-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 500-11569

Method: 8082
Preparation: 3541

MS Lab Sample ID:	500-3099-21	Analysis Batch: 500-11845	Instrument ID: HP 6890N GC
Client Matrix:	Solid	Prep Batch: 500-11569	Lab File ID: 03140731_019.d
Dilution:	5.0		Initial Weight/Volume: 15.9088 g
Date Analyzed:	03/19/2007 1745		Final Weight/Volume: 5.0 mL
Date Prepared:	03/14/2007 0753		Injection Volume:
			Column ID: PRIMARY

MSD Lab Sample ID:	500-3099-21	Analysis Batch: 500-11845	Instrument ID: HP 6890N GC
Client Matrix:	Solid	Prep Batch: 500-11569	Lab File ID: 03140731_020.d
Dilution:	5.0		Initial Weight/Volume: 15.3832 g
Date Analyzed:	03/19/2007 1805		Final Weight/Volume: 5.0 mL
Date Prepared:	03/14/2007 0753		Injection Volume:
			Column ID: PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
PCB-1016	321	282	48 - 113	9	30	F	F
PCB-1260	123	120	62 - 117	1	30	F	F

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	93	93	39 - 115
DCB Decachlorobiphenyl	104	101	47 - 116

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Deigan & Associates

Job Number: 500-3099-1

Duplicate - Batch: 500-11531

Method: PercentMoisture
Preparation: N/A

Lab Sample ID: 500-3099-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/13/2007 1102
Date Prepared: N/A

Analysis Batch: 500-11531
Prep Batch: N/A
Units: %

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume:

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Solids	97	96.6	0	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Deigan & Associates

Job Number: 500-3099-1

Duplicate - Batch: 500-11533

Method: PercentMoisture
Preparation: N/A

Lab Sample ID: 500-3099-23
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/13/2007 1107
Date Prepared: N/A

Analysis Batch: 500-11533
Prep Batch: N/A
Units: %

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume:

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Solids	89	84.0	6	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

SEVERN TRENT **STL**

STL Chicago
2417 Bond Street
University Park, IL 60466
Phone: 708-534-5200
Fax: 708-534-5211

Report To:
Contact: Gary Dolgan
Company: Dolgan & Assoc LLC
Address: 100 S. Genesee
Waukegan IL 60085
Phone: (847) 623-9356
Fax: (") " 9355
E-Mail:

Bill To:
Contact: SAME
Company:
Address:
Phone:
Fax:
PO#: Quote:

Shaded Areas For Internal Use Only 1 of 5

Lab Lot# 500-3099

Package Sealed	Samples Sealed
Yes (No)	Yes (No)
Received on Ice	**Samples Intact**
(Yes) No	(Yes) No

Temperature °C of Cooler (3.7) (3.5) (4.1)

Within Hold Time	Preserv. Indicated
(Yes) No	(Yes) No NA
pH Check OK	**Res Cl_2 Check OK**
Yes No (NA)	Yes No (NA)
Sample Labels and COC Agree	
(Yes) No	COC not present

Sampler Name: Kerry VanAllen
Signature:
Project Name: Waukegan Harbor Slip 3
Project Number:
Project Location: Waukegan IL
Lab PM: D. Wright
Date Required Hard Copy: ___/___/___ Fax: ___/___/___

Refrg #												
# / Cont.	1											
Volume	8oz											
Preserv	—											

Laboratory ID	MS-MSD	Client Sample ID	Sampling Date	Sampling Time	Matrix	Comp/Grab	TCBs										Additional Analyses / Remarks
1		SB-106, 2.5-4.0'	3/6/07	8:15	S	C	✓										
2		SB-106, 5-7'		8:30	S	C	✓										
3		SB-106, 7-8.4'		8:35	S	C	✓										
4		SB-106, 5-7' Dupl.		8:45	S	C	✓										
5		SB-106, 10-12'		8:50	S	C	✓										
6		SB-106, 12-14'		8:50	S	C	✓										
7		SB-105, 2.2-3.7'		8:55	S	C	✓										
8		SB-105, 5-7'		9:00	S	C	✓										
9		SB-105 FB		9:05	S	C	✓										
10		SB-105 7-8'		9:10	S	C	✓										
11		SB-105, 10-12'		9:15	S	C	✓										
12		SB-105, 12-13'		9:20	S	C	✓										

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
[signature]	Dolgan Assoc LLC	3-6-07	4:00	[signature]	STL	03/06/07	1600
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME

Matrix Key
WW = Wastewater
W = Water
S = Soil
SL = Sludge
MS = Miscellaneous
OL = Oil
A = Air
SE = Sediment
SO = Solid
DS = Drum Solid
DL = Drum Liquid
L = Leachate
WI = Wipe
O = _____

Container Key
1. Plastic
2. VOA Vial
3. Sterile Plastic
4. Amber Glass
5. Widemouth Glass
6. Other _____

Preservative Key
1. HCl, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. Cool to 4°
7. None

COMMENTS

Date Received 3 / 6 / 07
Courier: STL **Hand Delivered** ☒
Bill of Lading

SEVERN TRENT **STL**

STL Chicago
2417 Bond Street
University Park, IL 60466
Phone: 708-534-5200
Fax: 708-534-5211

Report To:
Contact: Greg Deigan
Company: Deigan & Assoc. LLC
Address: 100 S. Genessee
Waukegan IL 60085
Phone: (847) 623-9356
Fax: (") " 9355
E-Mail:

Bill To:
Contact: SAME
Company:
Address:
Phone:
Fax:
PO#: Quote:

Shaded Areas For Internal Use Only 2 of 5

Lab Lot# 500-3099

Package Sealed	Samples Sealed
Yes No	Yes No
Received on Ice	**Samples Intact**
Yes No	Yes No
Temperature °C of Cooler	

Sampler Name: Kerry VanAtta
Signature: [signature]
Project Name: Waukegan Harbor Slip 3
Project Number:
Project Location: Waukegan IL
Lab PM: D. Wright
Date Required
Hard Copy: ___/___/___
Fax: ___/___/___

Within Hold Time	Preserv. Indicated
Yes No	Yes No NA
pH Check OK	**Res Cl_2 Check OK**
Yes No NA	Yes No NA
Sample Labels and COC Agree	
Yes No	COC not present

Laboratory ID	MS-MSD	Client Sample ID	Sampling Date	Sampling Time	Matrix	Comp/Grab	PCB's	Additional Analyses / Remarks
Reirg #								
# / Cont.							1	
Volume							8oz	
Preserv							—	
13		SB-104, 2.5-4.0'	3-6-07	9:35	S	C	✓	
14		SB-104, 2.5-4.0' Dupl.		9:35	S	C	✓	
15		SB-104, 5-7'		9:40	S	C	✓	
16		SB-104, 7-8.3'		9:45	S	C	✓	
17		SB-104, 10-11.5'		9:55	S	C	✓	
18		SB-103, 2.4-3.9'		10:35	S	C	✓	
19		SB-103, 5-7'		10:40	S	C	✓	
20		SB-103, 8-9.9'		10:45	S	C	✓	
21		SB-103, 10-12'		10:55	S	C	✓	
22		SB-102, 2.4-3.9'		11:05	S	C	✓	
23		SB-102, 5-7'		11:10	S	C	✓	
24		SB-102, 7-8.2'		11:15	S	C	✓	

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
[signature]	Deigan & Assoc. LLC	3-6-07	4:00	[signature]	STL	03/06/07	1600
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME

Matrix Key
WW = Wastewater
W = Water
S = Soil
SL = Sludge
MS = Miscellaneous
OL = Oil
A = Air
SE = Sediment
SO = Solid
DS = Drum Solid
DL = Drum Liquid
L = Leachate
WI = Wipe
O = _____

Container Key
1. Plastic
2. VOA Vial
3. Sterile Plastic
4. Amber Glass
5. Widemouth Glass
6. Other _____

Preservative Key
1. HCl, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. Cool to 4°
7. None

COMMENTS

Date Received 3 / 6 / 07
Courier: STL
Hand Delivered ☐
Bill of Lading

SEVERN TRENT **STL**

STL Chicago
2417 Bond Street
University Park, IL 60466
Phone: 708-534-5200
Fax: 708-534-5211

Report To:
Contact: Gary Deigan
Company: Deigan & Assoc. LLC
Address: 100 S. Genesee
Waukegan IL 60085
Phone: (847) 623-9356
Fax: (") " 9355
E-Mail:

Bill To:
Contact: SAME
Company:
Address:
Phone:
Fax:
PO#: Quote:

Shaded Areas For Internal Use Only 3 of 5

Lab Lot# 500-3099

Package Sealed	Samples Sealed
Yes No	Yes No
Received on Ice	**Samples Intact**
Yes No	Yes No

Temperature °C of Cooler

Within Hold Time	Preserv. Indicated
Yes No	Yes No NA
pH Check OK	**Res Cl_2 Check OK**
Yes No NA	Yes No NA

Sample Labels and COC Agree
Yes No COC not present

Sampler Name: Kerry VanAtten
Signature:
Project Name: Waukegan Harbor, Slip 3
Project Number:
Project Location: Waukegan IL
Lab PM: D. Wright
Date Required
Hard Copy: ___/___/___
Fax: ___/___/___

Refrg #											
# / Cont.	1										
Volume	8oz										
Preserv	—										

Laboratory ID	MS-MSD	Client Sample ID	Sampling Date	Sampling Time	Matrix	Comp/Grab	PCBs									Additional Analyses / Remarks
25		SB-102, 7-8.2' Dup.	3-6-07	11:20	S	C	✓									
26		SB-102, 10-11.3'		11:25	S	C	✓									
27		SB-101, 2.5-3.8'		11:30	S	C	✓									
28		SB-101, 5-7'		11:35	S	C	✓									
29		SB-101, 7-9'		11:40	S	C	✓									
30		SB-101, 10-12'		11:45	S	C	✓									
31		SB-101, 10-12' Dup.		11:45	S	C	✓									
32		SB-101, 12-13.1'		11:50	S	C	✓									
33		SB-102 FB		11:25	S	C	✓									
34		SB-107, 2.5-4'	3-5-07	3:00	S	C	✓									
35		SB-107, 5-7'		3:05	S	C	✓									
36		SB-107, 7-9'		3:10	S	C	✓									

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
[signature]	Deigan Assoc. LLC	3-8-07	4:30	[signature]	STL	03/08/07	1100
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME

Matrix Key
WW = Wastewater
W = Water
S = Soil
SL = Sludge
MS = Miscellaneous
OL = Oil
A = Air
SE = Sediment
SO = Solid
DS = Drum Solid
DL = Drum Liquid
L = Leachate
WI = Wipe
O = _____

Container Key
1. Plastic
2. VOA Vial
3. Sterile Plastic
4. Amber Glass
5. Widemouth Glass
6. Other _____

Preservative Key
1. HCl, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. Cool to 4°
7. None

COMMENTS

Date Received 3 / 6 / 07
Courier: STL **Hand Delivered** ☒
Bill of Lading

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Deigan & Associates

Job Number: 500-3099-1

Login Number: 3099

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	False	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	3.7,3.5,4.1
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	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	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	
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	

ANALYTICAL REPORT

Job Number: 500-3900-9

Job 1eDsrcipcot: nWuaekWt gSci 3

lor:
1eckWt F &DDoscWpeD
900 gA .eteDee gpA
nWuaekWtG ,I L0065

&ppetpcot: .Wr8 1eckWt

ycsRWrh d nrckRp
CroPesp jWtWker ,,
rMrckRpwDpS-ctsAsom
03@/0@/002

CroPesp jWtWker: ycsRWrh d nrckRp

7ReDe peDp reDuSpD meep WSS pRe reTucremetpD oq NfI&d qor Wssrehcpeh iWrWmeperDA

7Re IWb derpcqcsWpcot ,1E cD 900/09A

&SS TueDpcotD rekWrhctk pRcD peDp reiorp DRouSh be hcrespeh po pRe g7I CroPesp jWtWker MRoDe DcktWpure WiieWrD ot pRcD reiorp iWkeD oq pRcD reiorp Wre ctpekrWS iWrpD oq pRe WtWS8pcsWS hWpWA 7RereqoreG pRcD reiorp DRouSh be reirohuseh otS8 ct cpD etpc

yeiorpctk ScmcpD Wre WhPuDpeh qor DWmiSe Dc#e uDehG hcSupcotD Wth mocDpure sotpetp cq WiiScsWbSeA

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Job Numeeer b:5Ne0e-3391b5u 3 D9secips tmeeenWWakgWWag

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. t1 NueC9b3uit	Ph&	WhgW	d	. t1 NuC9b3uit
. t1 NueM9ob63	jA	WhgW	d	. t1 NuC9b3uit
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. t1 NueC9b3uit	An	WhgW	d	. t1 NuC9b3uit
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. t1 NueC9b3uit	nhA	WhgW	d	. t1 NuC9b3uit
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. t1 NueM9ob63	jS	WhgW	d	. t1 NuC9b3uit

ANALYTICA RYEEPOS e vrnrtnaboi

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. t1 NueM9ob63		Pg	WhgW	d	raAAgS
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. t1 NueC9b3uit		khg	WhgW	d	raAAgS
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. t1 NueC9b3uit		nhS	WhgW	d	raAAgS
. t1 NueM9ob63		j,	WhgW	d	raAAgS

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ANALYTICA RYEEPOS e vrnrtnaboi

Job Numeeer b:5Ne0e-3391b5u 3 D9secips tmeeenWWakgWWag

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. t1 NueC9b3uit		gS		WhgW	d	raAAgS
. t1 NueM9ob63		&,		WhgW	d	raAAgS
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. t1 NueC9b3uit		Wh,P		WhgW	d	. t1 NuC9b3uit
. t1 NueM9ob63		gWW		WhgW	d	. t1 NuC9b3uit
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. t1 NueC9b3uit		WhkA		WhgW	d	. t1 NuC9b3uit
. t1 NueM9ob63		gWW		WhgW	d	. t1 NuC9b3uit
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. t1 NueC9b3uit		AhW		WhgW	d	. t1 NuC9b3uit
. t1 NueM9ob63		j&		WhgW	d	. t1 NuC9b3uit
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. t1 NueC9b3uit		Whgg		WhgW	d	. t1 NuC9b3uit
. t1 NueM9ob63		gWW		WhgW	d	. t1 NuC9b3uit

ANLYTIC RAAEPO

Job Numeeer b:5Ne0e-3391b5u 3 D9secips tmeeenWWakgWWag

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Asarn□□ b□nc			
SJl3	FILeJ68	F&A.GeeeAWA,	
-iu9p5u yeF9Rho uedRut51ub9N	FILeJ68		F&A.Geeekn.g
S t1 NueC9b3uit	FILeJ68	-FICeeera,,gG	
S t1 NueC9b3uit	FILeJ68	dS-eeeS t1 NuC9b3uit	

.E□CPN□NPN□□N □

FILeJ68ePeFILeJhb15:9

ANLYTICPN□NPN□□N □

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F&A.Geae@I 3ueC uh9y3e/9tedM5oi5ubN:eF9obye&53u 2eShw3b15o7Jh pb15oeC uh9y3@2eIhbtyedybub9N2ec9M ps tegTAG
-Nye8u3ejqy5u 3f

ANLYTIC CRERPOSLCCSeAARvO

Job Numeeer b:5Ne0e-3391b5u 3 D9secips tmeeenWWakgWWag

Arntab	Rois,cn	Rois,cnC.l
A.G,IeeeGWGL	S5NI5N9Fe&9ib3	&S
-AdSeeeraLLgI	69o5t1I8yFeR5ioeh	Rh6
CR-eeeR t1 NuS9b3uit	69o5t1I8yFeR5ioeh	Rh6

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Job Numeeer b:5Ne0e-3391b5u 3 D9secips tmeeenWWakgWWag

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nWWakgWWan	A.agW6GFa6,nI	A9obL	WkSWnSIWWFeegn8W	WkSW&SIWWFeeg&WW
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nWWakgWWag6	y.aWgGFI	A9obL	WkSW&SIWWFeeg8kn	WkSW&SIWWFeeg&WW
nWWakgWWagR	y.aWgGggI	A9obL	WkSW&SIWWFeeg88W	WkSW&SIWWFeeg&WW
nWWakgWWaIW	y.aWgGgnI	A9obL	WkSW&SIWWFeeg88n	WkSW&SIWWFeeg&WW
nWWakgWWalg	y.aWgGgRI	A9obL	WkSW&SIWWFeeg8nn	WkSW&SIWWFeeg&WW
nWWakgWWall	y.aWgGlkI	A9obL	WkSW&SIWWFeegngn	WkSW&SIWWFeeg&WW
nWWakgWWalk	A.agWkh.	A9obL	WkSW&SIWWFeegIWW	WkSW&SIWWFeeg&WW
nWWakgWWal8	A.agW8h.	A9obL	WkSW&SIWWFeegIWW	WkSW&SIWWFeeg&WW
nWWakgWWaln	A.agW&h.	A9obL	WkSW&SIWWFeegIWW	WkSW&SIWWFeeg&WW
nWWakgWWal&	A.agWFh.	A9obL	WkSWnSIWWFeegIWW	WkSW&SIWWFeeg&WW

ANLYTIC IARTEA

Gary Deigan
Deigan & Associates
100 S. Genesee St.
Waukegan, IL 60085

Job Number: 500-3100-1

Client Sample ID: Sb-90B690-99,2.
1aL Sample ID: 500-3900-9

Date Samdpev: 039059/002 1515
Date 7eceiRev: 039069/002 1600
Cpient Matrix: Sopiv
Percent Sopivs: I/

Analyte	Result/Qualifier		Unit	4D1	R1	Dilution
4et'oM: h0hd	Date Anapyzev:		039189/002 05B1			
8rep 4et'oM: 35P9	Date Predarev:		039139/002 080I			
PC<-1016	4360		ug9Kg	1/0	360	/0
PC<-1//1	4360		ug9Kg	100	360	/0
PC<-1/3/	4360		ug9Kg	I8	360	/0
PC<-1/B/	4360		ug9Kg	110	360	/0
PC<-1/B8	3/00		ug9Kg	28	360	/0
PC<-1/5B	4360		ug9Kg	80	360	/0
PC<-1/60	4360		ug9Kg	2/	360	/0
PC<-1/68	4360		ug9Kg	360	360	/0
Popychporinatev bidhenyps, Totap	3/00		ug9Kg	2/	360	/0

Surrogate				Accedtance Limits
Tetrachporo-m-xypene	0	D	%	3I - 115
DC< Decachporobidhenyp	0	D	%	B2 - 116

4et'oM: 8ercent4oisture	Date Anapyzev:		0391B9/002 1616			
Percent Moisture	2.8		%	0.10	0.10	1.0

Gary Deigan
Deigan & Associates
100 S. Genesee St.
Waukegan, IL 60085

Job Number: 500-3100-1

Client Sample ID: Sb-90B699,2-93,5.
1aL Sample ID: 500-3900-d

Date Samdpev: 039059/002 15/0
Date 7eceiRev: 039069/002 1600
Cpient Matrix: Sopiv
Percent Sopivs: 25

Analyte	Result/Qualifier	Unit	4D1	R1	Dilution
4et'oM: h0hd	Date Anapyzev:	039189/002 0208			
8rep 4et'oM: 35P9	Date Predarev:	039139/002 080l			
PC<-1016	411000	ug9Kg	3200	11000	500
PC<-1//1	411000	ug9Kg	3000	11000	500
PC<-1/3/	411000	ug9Kg	3000	11000	500
PC<-1/B/	411000	ug9Kg	3/00	11000	500
PC<-1/B8	B/000	ug9Kg	/B00	11000	500
PC<-1/5B	411000	ug9Kg	/500	11000	500
PC<-1/60	411000	ug9Kg	//00	11000	500
PC<-1/68	411000	ug9Kg	11000	11000	500
Popychporinatev bidhenyps, Totap	B/000	ug9Kg	//00	11000	500

Surrogate				Accedtance Limits
Tetrachporo-m-xypene	0	D	%	3l - 115
DC< Decachporobidhenyp	0	D	%	B2 - 116

4et'oM: 8ercent4oisture	Date Anapyzev:	0391B9/002 1616			
Percent Moisture	/5	%	0.10	0.10	1.0

Gary Deigan
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Job Number: 500-3100-1

Client Sample ID: Sb-90h6d,5-P,3.
1aL Sample ID: 500-3900-3

Date Samdpev: 039059/002 1530
Date 7eceiRev: 039069/002 1600
Cpient Matrix: Sopiv
Percent Sopivs: l5

Analyte	Result/Qualifier	Unit	4D1	R1	Dilution
4et'oM: h0hd	Date Anapyzev:	039189/002 0230			
8rep 4et'oM: 35P9	Date Predarev:	039139/002 080l			
PC<-1016	48B0	ug9Kg	/80	8B0	50
PC<-1//1	48B0	ug9Kg	/30	8B0	50
PC<-1/3/	48B0	ug9Kg	/30	8B0	50
PC<-1/B/	48B0	ug9Kg	/50	8B0	50
PC<-1/B8	2100	ug9Kg	180	8B0	50
PC<-1/5B	48B0	ug9Kg	1l0	8B0	50
PC<-1/60	48B0	ug9Kg	120	8B0	50
PC<-1/68	48B0	ug9Kg	8B0	8B0	50
Popychporinatev bidhenyps, Totap	2100	ug9Kg	120	8B0	50

Surrogate				Accedtance Limits
Tetrachporo-m-xypene	0	D	%	3l - 115
DC< Decachporobidhenyp	0	D	%	B2 - 116

4et'oM: 8ercent4oisture	Date Anapyzev:	0391B9/002 1616			
Percent Moisture	5./	%	0.10	0.10	1.0

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Job Number: 500-3100-1

Client Sample ID: Sb-90h65-B.
1aL Sample ID: 500-3900-P

Date Samdpev: 039059/002 1535
Date 7eceiRev: 039069/002 1600
Cpient Matrix: Sopiv
Percent Sopivs: lB

Analyte	Result/Qualifier	Unit	4D1	R1	Dilution
4et'oM: h0hd	Date Anapyzev:	039/09/002 1B1l			
8rep 4et'oM: 35P9	Date Predarev:	039169/002 1600			
PC<-1016	488	ug9Kg	/l	88	5.0
PC<-1//1	488	ug9Kg	/B	88	5.0
PC<-1/3/	488	ug9Kg	/B	88	5.0
PC<-1/B/	488	ug9Kg	/6	88	5.0
PC<-1/B8	5l0	ug9Kg	1l	88	5.0
PC<-1/5B	488	ug9Kg	1l	88	5.0
PC<-1/60	488	ug9Kg	12	88	5.0
PC<-1/68	488	ug9Kg	88	88	5.0
Popychporinatev bidhenyps, Totap	5l0	ug9Kg	12	88	5.0

Surrogate			Accedtance Limits
Tetrachporo-m-xypene	101	%	3l - 115
DC< Decachporobidhenyp	l0	%	B2 - 116

4et'oM: 8ercent4oisture	Date Anapyzev:	0391B9/002 1616			
Percent Moisture	6.0	%	0.10	0.10	1.0

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Job Number: 500-3100-1

Client Sample ID: Sb-90h6B-h,5.
1aL Sample ID: 500-3900-5

Date Samdpev: 039059/002 15B0
Date 7eceiRev: 039069/002 1600
Cpient Matrix: Sopiv
Percent Sopivs: I6

Analyte	Result/Qualifier	Unit	4D1	R1	Dilution
4et'oM: h0hd	Date Anapyzev:	039129/002 1B08			
8rep 4et'oM: 35P9	Date Predarev:	039139/002 080I			
PC<-1016	412	ug9Kg	5.6	12	1.0
PC<-1//1	412	ug9Kg	B.6	12	1.0
PC<-1/3/	412	ug9Kg	B.5	12	1.0
PC<-1/B/	412	ug9Kg	B.I	12	1.0
PC<-1/B8	/I0	ug9Kg	3.6	12	1.0
PC<-1/5B	412	ug9Kg	3.2	12	1.0
PC<-1/60	412	ug9Kg	3.3	12	1.0
PC<-1/68	412	ug9Kg	12	12	1.0
Popychporinatev bidhenyps, Totap	/I0	ug9Kg	3.3	12	1.0

Surrogate			Accedtance Limits
Tetrachporo-m-xypene	I5	%	3I - 115
DC< Decachporobidhenyp	I5	%	B2 - 116

4et'oM: 8ercent4oisture	Date Anapyzev:	0391B9/002 1616			
Percent Moisture	3.2	%	0.10	0.10	1.0

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Job Number: 500-3100-1

Client Sample ID: Sb-90h690-9d,3.
1aL Sample ID: 500-3900-2

Date Samdpev: 039059/002 15B5
Date 7eceiRev: 039069/002 1600
Cpient Matrix: Sopiv
Percent Sopivs: l6

Analyte	Result/Qualifier	Unit	4D1	R1	Dilution
4et'oM: h0hd	Date Anapyzev:	039129/002 1B30			
8rep 4et'oM: 35P9	Date Predarev:	039139/002 080l			
PC<-1016	4120	ug9Kg	58	120	10
PC<-1//1	4120	ug9Kg	B2	120	10
PC<-1/3/	4120	ug9Kg	B6	120	10
PC<-1/B/	4120	ug9Kg	50	120	10
PC<-1/B8	1/00	ug9Kg	32	120	10
PC<-1/5B	4120	ug9Kg	38	120	10
PC<-1/60	4120	ug9Kg	3B	120	10
PC<-1/68	4120	ug9Kg	120	120	10
Popychporinatev bidhenyps, Totap	1/00	ug9Kg	3B	120	10

Surrogate			Accedtance Limits
Tetrachporo-m-xypene	102	%	3l - 115
DC< Decachporobidhenyp	110	%	B2 - 116

4et'oM: 8ercent4oisture	Date Anapyzev:	0391B9/002 1616			
Percent Moisture	B.3	%	0.10	0.10	1.0

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Job Number: 500-3100-1

Client Sample ID: Fb-0d63.
1aL Sample ID: 500-3900-7

Date Samdpev: 039069/002 1315
Date 7eceiRev: 039069/002 1600
Cpient Matrix: Sopiv

Analyte	Result/Qualifier	Unit	4D1	R1	Dilution
4et'oM: D-dd92	Date Anapyzev:	0391B9/002 1610			
Percent Moisture	5.3	%	0.10	0.10	1.0

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Job Number: 500-3100-1

Client Sample ID: Fb-0d62.
1aL Sample ID: 500-3900-90

Date Samdpev: 039069/002 13/0
Date 7eceiRev: 039069/002 1600
Cpient Matrix: Sopiv

Analyte	Result/Qualifier	Unit	4D1	R1	Dilution
4et'oM: D-dd92	Date Anapyzev:	0391B9/002 1610			
Percent Moisture	B.2	%	0.10	0.10	1.0

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Job Number: 500-3100-1

Client Sample ID: Fb-0d699.
1aL Sample ID: 500-3900-99

Date Samdpev: 039069/002 1330
Date 7eceiRev: 039069/002 1600
Cpient Matrix: Sopiv

Analyte	Result/Qualifier	Unit	4D1	R1	Dilution
4et'oM: D-dd92	Date Anapyzev:	0391B9/002 1610			
Percent Moisture	2./	%	0.10	0.10	1.0

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Job Number: 500-3100-1

Client Sample ID: Fb-0d692.
1aL Sample ID: 500-3900-9d

Date Samdpev: 039069/002 13B5
Date 7eceiRev: 039069/002 1600
Cpient Matrix: Sopiv

Analyte	Result/Qualifier	Unit	4D1	R1	Dilution
4et'oM: D-dd92	Date Anapyzev:	0391B9/002 1610			
Percent Moisture	/l	%	0.10	0.10	1.0

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Job Number: 500-3100-1

Client Sample ID: Fb-0d6d0.
1aL Sample ID: 500-3900-93

Date Samdpev: 039069/002 1355
Date 7eceiRev: 039069/002 1600
Cpient Matrix: Sopiv

Analyte	Result/Qualifier	Unit	4D1	R1	Dilution
4et'oM: D-dd92	Date Anapyzev:	0391B9/002 1610			
Percent Moisture	B5	%	0.10	0.10	1.0

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Job Number: 500-3100-1

Client Sample ID: Fb-0d6d3.
1aL Sample ID: 500-3900-9P

Date Samdpev: 039069/002 1B15
Date 7eceiRev: 039069/002 1600
Cpient Matrix: Sopiv

Analyte	Result/Qualifier	Unit	4D1	R1	Dilution
4et'oM: D-dd92	Date Anapyzev:	0391B9/002 1610			
Percent Moisture	1I	%	0.10	0.10	1.0

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Job Number: 500-3100-1

Client Sample ID: Fb-0963.
1aL Sample ID: 500-3900-9B

Date Samdpev: 039069/002 1B30
Date 7eceiRev: 039069/002 1600
Cpient Matrix: Sopiv

Analyte	Result/Qualifier	Unit	4D1	R1	Dilution
4et'oM: D-dd92	Date Anapyzev:	0391B9/002 1610			
Percent Moisture	3.1	%	0.10	0.10	1.0

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Job Number: 500-3100-1

Client Sample ID: Fb-096B.
1aL Sample ID: 500-3900-9h

Date Samdpev: 039069/002 1B35
Date 7eceiRev: 039069/002 1600
Cpient Matrix: Sopiv

Analyte	Result/Qualifier	Unit	4D1	R1	Dilution
4et'oM: D-dd92	Date Anapyzev:	0391B9/002 1610			
Percent Moisture	B1	%	0.10	0.10	1.0

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Job Number: 500-3100-1

Client Sample ID: Fb-09699.
1aL Sample ID: 500-3900-97

Date Samdpev: 039069/002 1BB0
Date 7eceiRev: 039069/002 1600
Cpient Matrix: Sopiv

Analyte	Result/Qualifier	Unit	4D1	R1	Dilution
4et'oM: D-dd92	Date Anapyzev:	0391B9/002 1610			
Percent Moisture	5.6	%	0.10	0.10	1.0

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Job Number: 500-3100-1

Client Sample ID: Fb-09695.
1aL Sample ID: 500-3900-d0

Date Samdpev: 039069/002 1BB5
Date 7eceiRev: 039069/002 1600
Cpient Matrix: Sopiv

Analyte	Result/Qualifier	Unit	4D1	R1	Dilution
4et'oM: D-dd92	Date Anapyzev:	0391B9/002 1610			
Percent Moisture	BB	%	0.10	0.10	1.0

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Job Number: 500-3100-1

Client Sample ID: Fb-09697.
1aL Sample ID: 500-3900-d9

Date Samdpev: 039069/002 1B55
Date 7eceiRev: 039069/002 1600
Cpient Matrix: Sopiv

Analyte	Result/Qualifier	Unit	4D1	R1	Dilution
4et'oM: D-dd92	Date Anapyzev:	0391B9/002 1610			
Percent Moisture	16	%	0.10	0.10	1.0

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Job Number: 500-3100-1

Client Sample ID: Fb-096d3.
1aL Sample ID: 500-3900-dd

Date Samdpev: 039069/002 1515
Date 7eceiRev: 039069/002 1600
Cpient Matrix: Sopiv

Analyte	Result/Qualifier	Unit	4D1	R1	Dilution
4et'oM: D-dd92	Date Anapyzev:	0391B9/002 1610			
Percent Moisture	16	%	0.10	0.10	1.0

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Job Number: 500-3100-1

Client Sample ID: Sb-903□b
1aL Sample ID: 500-3900-d3

Date Samdpev: 039069/002 1/00
Date 7eceiRev: 039069/002 1600
Cpient Matrix: Sopiv
Percent Sopivs: 100

Analyte	Result/Qualifier	Unit	4D1	R1	Dilution
4et'oM: h0hd	Date Anapyzev:	039129/002 1513			
8rep 4et'oM: 35P9	Date Predarev:	039139/002 080l			
PC<-1016	416	ug9Kg	5.3	16	1.0
PC<-1//1	416	ug9Kg	B.B	16	1.0
PC<-1/3/	416	ug9Kg	B.3	16	1.0
PC<-1/B/	416	ug9Kg	B.2	16	1.0
PC<-1/B8	416	ug9Kg	3.B	16	1.0
PC<-1/5B	416	ug9Kg	3.5	16	1.0
PC<-1/60	416	ug9Kg	3.1	16	1.0
PC<-1/68	416	ug9Kg	16	16	1.0
Popychporinatev bidhenyps, Totap	416	ug9Kg	3.1	16	1.0

Surrogate			Accedtance Limits
Tetrachporo-m-xypene	22	%	3l - 115
DC< Decachporobidhenyp	l/	%	B2 - 116

4et'oM: 8ercent4oisture	Date Anapyzev:	0391B9/002 1616			
Percent Moisture	0.B2	%	0.10	0.10	1.0

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Job Number: 500-3100-1

Client Sample ID: Sb-90P□b
1aL Sample ID: 500-3900-dP

Date Samdpev: 039069/002 1/00
Date 7eceiRev: 039069/002 1600
Cpient Matrix: Sopiv
Percent Sopivs: 100

Analyte	Result/Qualifier		Unit	4D1	R1	Dilution
4et'oM: h0hd	Date Anapyzev:		039129/002 1535			
8rep 4et'oM: 35P9	Date Predarev:		039139/002 080l			
PC<-1016	416		ug9Kg	5.B	16	1.0
PC<-1//1	416		ug9Kg	B.B	16	1.0
PC<-1/3/	416		ug9Kg	B.3	16	1.0
PC<-1/B/	416		ug9Kg	B.2	16	1.0
PC<-1/B8	11	J	ug9Kg	3.B	16	1.0
PC<-1/5B	416		ug9Kg	3.5	16	1.0
PC<-1/60	416		ug9Kg	3./	16	1.0
PC<-1/68	416		ug9Kg	16	16	1.0
Popychporinatev bidhenyps, Totap	11	J	ug9Kg	3./	16	1.0

Surrogate			Accedtance Limits
Tetrachporo-m-xypene	l2	%	3l - 115
DC< Decachporobidhenyp	103	%	B2 - 116

4et'oM: 8ercent4oisture	Date Anapyzev:		0391B9/002 1616			
Percent Moisture	0.3/		%	0.10	0.10	1.0

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Job Number: 500-3100-1

Client Sample ID: Sb-902□b
1aL Sample ID: 500-3900-d5

Date Samdpev: 039069/002 1/00
Date 7eceiRev: 039069/002 1600
Cpient Matrix: Sopiv
Percent Sopivs: I8

Analyte	Result/Qualifier	Unit	4D1	R1	Dilution
4et'oM: h0hd	Date Anapyzev:	039129/002 161I			
8rep 4et'oM: 35P9	Date Predarev:	039139/002 080I			
PC<-1016	416	ug9Kg	5.B	16	1.0
PC<-1//1	416	ug9Kg	B.5	16	1.0
PC<-1/3/	416	ug9Kg	B.B	16	1.0
PC<-1/B/	416	ug9Kg	B.8	16	1.0
PC<-1/B8	416	ug9Kg	3.5	16	1.0
PC<-1/5B	416	ug9Kg	3.6	16	1.0
PC<-1/60	416	ug9Kg	3./	16	1.0
PC<-1/68	416	ug9Kg	16	16	1.0
Popychporinatev bidhenyps, Totap	416	ug9Kg	3./	16	1.0

Surrogate			Accedtance Limits
Tetrachporo-m-xypene	85	%	3I - 115
DC< Decachporobidhenyp	10B	%	B2 - 116

4et'oM: 8ercent4oisture	Date Anapyzev:	0391B9/002 1616			
Percent Moisture	/.0	%	0.10	0.10	1.0

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Job Number: 500-3100-1

Client Sample ID: Sb-90B□b
1aL Sample ID: 500-3900-d2

Date Samdpev: 039059/002 1/00
Date 7eceiRev: 039069/002 1600
Cpient Matrix: Sopiv
Percent Sopivs: 100

Analyte	Result/Qualifier	Unit	4D1	R1	Dilution
4et'oM: h0hd	Date Anapyzev:	039129/002 16B1			
8rep 4et'oM: 35P9	Date Predarev:	039139/002 080I			
PC<-1016	412	ug9Kg	5.6	12	1.0
PC<-1//1	412	ug9Kg	B.6	12	1.0
PC<-1/3/	412	ug9Kg	B.5	12	1.0
PC<-1/B/	412	ug9Kg	B.I	12	1.0
PC<-1/B8	412	ug9Kg	3.6	12	1.0
PC<-1/5B	412	ug9Kg	3.2	12	1.0
PC<-1/60	412	ug9Kg	3.3	12	1.0
PC<-1/68	412	ug9Kg	12	12	1.0
Popychporinatev bidhenyps, Totap	412	ug9Kg	3.3	12	1.0

Surrogate			Accedtance Limits
Tetrachporo-m-xypene	86	%	3I - 115
DC< Decachporobidhenyp	I8	%	B2 - 116

4et'oM: 8ercent4oisture	Date Anapyzev:	0391B9/002 1616			
Percent Moisture	0.11	%	0.10	0.10	1.0

ANLNYTIC TLREPYOSNeRvRITr

Job Numeeer b:5Ne0e-3391b5u 3 D9secips tmeeenWWakgWWag

entYrabois,	Ocn.i□ ia□	Aa□b□i□ois,
SJel pbeF&-		
	I	Ale9teAlre .1 G3eu, e19Nut9oeobpbu3
	D	L 3ioueb3eo 33eu,5Neu, eL6esiue:t 5u teu,5Ne9te 8i5oeu9eu, 5NGeu, e19N1 Nut5ub9Neb3e5Ne5yyt9.bp5u eR5oi h
	r	litt9:5u e9tep5utb.e3ybd et 19R tb 3eC t eN9ue9su5bN Ge s 15i3 eu, e .ut51ueC53eGboiu GeP9te5N5oj3b3Me5o39e19py9iNG3e 5N5ojw Ge5ue5eGboiub9Nep5jes ePo5:: GeCbu,e5erh

ANLYTIC REPIOEY OSeNYIe

AR rvvEnTLITEP tNaaLOC

bLo tLaiYe s,	RYTePI tLaiYe s,	SeiEOI □LvTv	RYTePI cLIOT.	cel□ E□	□Oei □Lln□
□R teaT □□r					
□Oei □Lln□ □ □□□□□□□□□					
SJlenWWaggnWG,la--	S5seJ9Nut9oelFb&	L	l9obA	kn.g	
6yenWWaggnWG,ga--	6 u89Aeyo5N&	L	l9obA	kn.g	
nWWakgWWag	lyagWRhgWaggdGC	L	l9obA	kn.g	
nWWakgWWag6l	65utbPelFb&	L	l9obA	kn.g	
nWWakgWWag6lr	65utbPelFb& eriFob15u	L	l9obA	kn.g	
nWWakgWWaI	lyagWRhggdGagkdnC	L	l9obA	kn.g	
nWWakgWWak	lyagWjhIdna.dkC	L	l9obA	kn.g	
nWWakgWWan	lyagWjhRajdnC	L	l9obA	kn.g	
nWWakgWWaG	lyagWjhgWagIdkC	L	l9obA	kn.g	
nWWakgWWaIk	lyagWkMy	L	l9obA	kn.g	
nWWakgWWaI.	lyagW.My	L	l9obA	kn.g	
nWWakgWWaIn	lyagWGMy	L	l9obA	kn.g	
nWWakgWWaIG	lyagWRMy	L	l9obA	kn.g	
□Oei □Lln□ □ □□□□□□□□□					
SJlenWWaggRWI,la--	S5seJ9Nut9oelFb&	L	l9obA	kn.g	
SJlrenWWaggRWI,ka--	S5seJ9Nut9oelFb& eriFob15u	L	l9obA	kn.g	
6yenWWaggRWI,ga--	6 u89Aeyo5N&	L	l9obA	kn.g	
nWWakgWWa.	lyagWjhnaRC	L	l9obA	kn.g	
rPLYCvTv □Lln□ □□□□□□□□□□					
SJlenWWaggnWG,la--	S5seJ9Nut9oelFb&	L	l9obA	jWjI	nWWaggnWG
6yenWWaggnWG,ga--	6 u89Aeyo5N&	L	l9obA	jWjI	nWWaggnWG
SJlenWWaggRWI,la--	S5seJ9Nut9oelFb&	L	l9obA	jWjI	nWWaggRWI
SJlrenWWaggRWI,ka--	S5seJ9Nut9oelFb& eriFob15u	L	l9obA	jWjI	nWWaggRWI
6yenWWaggRWI,ga--	6 u89Aeyo5N&	L	l9obA	jWjI	nWWaggRWI
nWWakgWWag	lyagWRhgWaggdGC	L	l9obA	jWjI	nWWaggnWG
nWWakgWWag6l	65utbPelFb&	L	l9obA	jWjI	nWWaggnWG
nWWakgWWag6lr	65utbPelFb& eriFob15u	L	l9obA	jWjI	nWWaggnWG
nWWakgWWaI	lyagWRhggdGagkdnC	L	l9obA	jWjI	nWWaggnWG
nWWakgWWak	lyagWjhIdna.dkC	L	l9obA	jWjI	nWWaggnWG
nWWakgWWa.	lyagWjhnaRC	L	l9obA	jWjI	nWWaggRWI
nWWakgWWan	lyagWjhRajdnC	L	l9obA	jWjI	nWWaggnWG
nWWakgWWaG	lyagWjhgWagIdkC	L	l9obA	jWjI	nWWaggnWG
nWWakgWWaIk	lyagWkMy	L	l9obA	jWjI	nWWaggnWG
nWWakgWWaI.	lyagW.My	L	l9obA	jWjI	nWWaggnWG
nWWakgWWaIn	lyagWGMy	L	l9obA	jWjI	nWWaggnWG
nWWakgWWaIG	lyagWRMy	L	l9obA	jWjI	nWWaggnWG

SeiEOI □LvTv
LeweL9u5o

t□b R□ TnL□E

AR rvvEnTLITEP tNaaLOC

bLo tLaiYe s,	RYTePI tLaiYe s,	SeiEOI □LvTv	RYTePI cLIOT.	cel□ E□	□Oei □LIn□
□ePeOLY R□ eaTvIOC					
rPLYCvTv □LIn□ □□□□□□□□□□					
nWWakgWWa/	@yaWIhkC	L	I9obA	raIIgG	
nWWakgWWagW	@yaWIhGC	L	I9obA	raIIgG	
nWWakgWWagg	@yaWIhggC	L	I9obA	raIIgG	
nWWakgWWagI	@yaWIhgGC	L	I9obA	raIIgG	
nWWakgWWagk	@yaWIhIWC	L	I9obA	raIIgG	
nWWakgWWag.	@yaWIhIkC	L	I9obA	raIIgG	
nWWakgWWagR	@yaWghkC	L	I9obA	raIIgG	
nWWakgWWagj	@yaWghRC	L	I9obA	raIIgG	
nWWakgWWag/	@yaWghggC	L	I9obA	raIIgG	
nWWakgWWaIW	@yaWghgnC	L	I9obA	raIIgG	
nWWakgWWaIg	@yaWghg/C	L	I9obA	raIIgG	
nWWakgWWaII	@yaWghIkC	L	I9obA	raIIgG	
rPLYCvTv □LIn□ □□□□□□□□□□					
nWWakgWWag	IyagWRhgWaggdGC	L	I9obA	2 t1 Nu69b3uit	
nWWakgWWagr7	riFob15u	L	I9obA	2 t1 Nu69b3uit	
nWWakgWWaI	IyagWRhggdGagkdnC	L	I9obA	2 t1 Nu69b3uit	
nWWakgWWak	IyagWjhIdna.dkC	L	I9obA	2 t1 Nu69b3uit	
nWWakgWWa.	IyagWjhnaRC	L	I9obA	2 t1 Nu69b3uit	
nWWakgWWan	IyagWjhRajdnC	L	I9obA	2 t1 Nu69b3uit	
nWWakgWWaG	IyagWjhgWagIdkC	L	I9obA	2 t1 Nu69b3uit	
nWWakgWWaIk	IyagWkMy	L	I9obA	2 t1 Nu69b3uit	
nWWakgWWaI.	IyagW.My	L	I9obA	2 t1 Nu69b3uit	
nWWakgWWaIn	IyagWGMy	L	I9obA	2 t1 Nu69b3uit	
nWWakgWWaIG	IyagWRMy	L	I9obA	2 t1 Nu69b3uit	

SeiEOI □LvTv
LeweL9u5o

t□b R□ TnL□E

1lllm6it:SD:5m,:I SD:bmlt

yRysSSua/A

aen:ptS2itln.4SSS1men'

3i9S1iLbe:SBfSSSSSSSSSSSSSSSSSSSSSSSSSSSaen:ptS1tlaben

		Qfa/SrU QoD:5U	Q0a-SrU QoD:5U
k,,IL6,,I6	85I6,Jb6,I66Nm:	,iiig	,iiig
k,,IL6,,I-	85I6,Jb66NmI6LNk:	,iiig	,iiig
k,,IL6,,IL	85I6,3b-NkI9NL:	,iiig	,iiig
k,,IL6,,I9	85I6,3bkIJ:	/,iii	6,6iii
k,,IL6,,Ik	85I6,3bJI3Nk:	/kiii	/kiii
k,,IL6,,Im	85I6,3b6,I6-NL:	66,iii	6,Jiii
k,,IL6,,I-L	85I6,L25	/-iii	JJiii
k,,IL6,,I-9	85I6,925	6,Liii	/Jiii
k,,IL6,,I-k	85I6,m25	6,9iii	3kiii
k,,IL6,,I-m	85I6,J25	/3iii	3miii
k,,IL6,,I678	85I6,Jb6,I66Nm:	,iiig	,iiig
k,,IL6,,I678g	85I6,Jb6,I66Nm:	,iiig	,iiig
RG8ik,,I66k,mv-Iss		6,kiii	Jmiii
RG8ik,,I66J,-v-Iss		m/iii	JJiii
RG8gi		J/iii	3kiii
75ik,,I66k,mv6Iss		/kiii	JLiii
75ik,,I66J,-v6Iss		Jkiii	J3iii

1lllm6it:		**M55:btip5:S3nLntA**
dgG5i6p	gG5igyt&tCacuc0rMCy xa	9JiIi66m
dzGBi6p	zyDu&tCacuclWI<xay y	L/iIi66k

relnEt aYLPb o aLlins ,cco..,c□

relnEts □c□□
□Oe□LOLITEPs □,□.

,nb SnmIDe Lp: Fw 500-9950/69-aa
1Dseci Fnirs&: SoDsl
psDuisoc: 9A0
pnie acnD.Gel: 036986y008 900R
pnie hreInrel: 036936y008 0R0@

acnD.ksk wnigP: 500-99R0@
hreI wnigP: 500-9950/
7csik: ut6Tt

Lckirumeci Lp: Eh /R@0N #1
,nb dsDe Lp: 039508y32909Al
LcsisnD CestPi6joDume: 95A000 t
dscnD CestPi6joDume: 5A0 m,
LcMegisoc joDume:
1oDumc Lp: hqLFaqf

acnD.ie	qekuDi	zunD	Fp,	q,
h1w-909/	498		5A/	98
h1w-9yy9	498		BA/	98
h1w-9y3y	498		BA5	98
h1w-9yBy	498		BA@	98
h1w-9yBR	498		3A/	98
h1w-9y5B	498		3A8	98
h1w-9y/0	498		3A3	98
h1w-9y/R	498		98	98
hoD.gPDorscniel bsIPec.DkU voinD	498		3A3	98

Surrotnie	(qeg	aggelincge ,smsik
veirngPDoro-m-&.Dece	83	3@ - 995
p1w pegngPDorobsIPec.D	@5	B8 - 99/

□L□ REPIOEY □□Tbe o aLlins ,cco..,c□

relnEts □c□□
□Oe□LOLITEPs □,□.

,nb SnmIDe Lp: ,1S 500-9950/6y-aa
1Dseci Fnirs&: SoDsl
psDuisoc: 9A0
pnie acnD.Gel: 036986y008 9030
pnie hreInrel: 036936y008 0R0@

acnD.ksk wnigP: 500-99R0@
hreI wnigP: 500-9950/
7csik: ut6Tt

Lckirumeci Lp: Eh /R@0N #1
,nb dsDe Lp: 039508y3290yAl
LcsisnD CestPi6joDume: 95A000 t
dscnD CestPi6joDume: 5A0 m,
LcMegisoc joDume:
1oDumc Lp: hqLFaqf

acnD.ie	SIs)e amouci	qekuDi	(qegA	,smsi	zunD
h1w-909/	9/8	9/@	909	BR - 993	
h1w-9y/0	9/8	989	90y	/y - 998	

Surrotnie	(qeg	aggelincge ,smsik
veirngPDoro-m-&.Dece	8/	3@ - 995
p1w pegngPDorobsIPec.D	905	B8 - 99/

1nDguDnisock nre Ierxormel bexore rouclsct io n□osl roucl-oxx errork sc gnDguDniel rekuDikA

1Dseci: pestnc W akkogsniek

Job Number: 500-3900-9

rLIOT□ □□Tbe□
rLIOT□ □□Tbe □N□YTiLIe SeiE□eOC Se□EOI o aLIins ,cco..,c□

reInEts □c□□
□Oe□LOLITEPs □,□.

FS ,nb SnmIDe Lp:	500-3900-9	acnD.ksk wnigP: 500-99R0@	Lckirumeci Lp: Eh /R@0N #1
1Dseci Fnirs&:	SoDsI	hreI wnigP: 500-9950/	,nb dsDe Lp: 039508y329y/AI
psDuisoc:	y0		LcsisnD CestPi6joDume: 95AB@3y t
pnie acnD.GeI:	0369R6y008 0/03		dscnD CestPi6joDume: 5A0 m,
pnie hreInreI:	036936y008 0R0@		LcMegisoc joDume:
			1oDumc Lp: hqLFaqf

FSp ,nb SnmIDe Lp:	500-3900-9	acnD.ksk wnigP: 500-99R0@	Lckirumeci Lp: Eh /R@0N #1
1Dseci Fnirs&:	SoDsI	hreI wnigP: 500-9950/	,nb dsDe Lp: 039508y329y8AI
psDuisoc:	y0		LcsisnD CestPi6joDume: 95A9y5@ t
pnie acnD.GeI:	0369R6y008 0/y5		dscnD CestPi6joDume: 5A0 m,
pnie hreInreI:	036936y008 0R0@		LcMegisoc joDume:
			1oDumc Lp: hqLFaqf

	(qegA					
acnD.ie	FS	FSp	,smsi	qhp	qhp ,smsi	FS zunD	FSp zunD
h1w-909/	0	0	BR - 993	N1	30	p	p d
h1w-9y/0	0	0	/y - 998	N1	30	p	p

Surrotnie	FS (qeg		FSp (qeg		aggeIincge ,smsik
veirngPDoro-m-&.Dece	0	p	0	p	3@ - 995
p1w pegngPDorobsIPec.D	0	p	0	p	B8 - 99/

1nDguDnisock nre Ierxormel bexore rouclsct io n□osl roucl-oxx errork sc gnDguDniel rekuDikA

1Dseci: pestnc W akkogsniek

Job Number: 500-3900-9

reInEt aYLPb o aLlins ,cco..□c□

reInEts □c□□
□Oe□LOLITEPs □,□.

,nb SnmIDe Lp: Fw 500-9980y69-aa
1Dseci Fnirs&: SoDsl
psDuisoc: 9A0
pnie acnD.GeI: 0369@6y008 9809
pnie hreInreI: 0369/6y008 9/00

acnD.ksk wnigP: 500-99R0@
hreI wnigP: 500-9980y
7csik: ut6Tt

Lckirumeci Lp: Eh /R@0N #1
,nb dsDe Lp: 039@08y32098Al
LcsisnD CestPi6joDume: 95A000 t
dscnD CestPi6joDume: 5A0 m,
LcMegisoc joDume:
1oDumc Lp: hqLFaqf

acnD.ie	qekuDi	zunD	Fp,	q,
h1w-909/	498		5A/	98
h1w-9yy9	498		BA/	98
h1w-9y3y	498		BA5	98
h1w-9yBy	498		BA@	98
h1w-9yBR	498		3A/	98
h1w-9y5B	498		3A8	98
h1w-9y/0	498		3A3	98
h1w-9y/R	498		98	98
hoD.gPDorscniel bsIPec.DkU voinD	498		3A3	98

Surrotnie	(qeg	aggeIincge ,smsik
veirngPDoro-m-&.Dece	8R	3@ - 995
p1w pegngPDorobsIPec.D	85	B8 - 99/

1nDguDnisock nre Ierxormel bexore rouclsct io n□osl roucl-oxx errork sc gnDguDniel rekuDikA

1Dseci: pestnc W akkogsniek Job Number: 500-3900-9

□L□ REPIOEY □□Tbe□ **reInEts □c□□**
□L□ REPIOEY □□Tbe □N□YTiLIe SeiE□eOC Se□EOI o aLIins ,cco..□c□ **□Oe□LOLITEPs □,□.**

,1S ,nb SnmIDe Lp: ,1S 500-9980y6y-aa
1Dseci Fnirs&: SoDsI
psDuisoc: 9A0
pnie acnD.GeI: 0369@6y008 98y3
pnie hreInreI: 0369/6y008 9/00

acnD.ksk wnigP: 500-99R0@
hreI wnigP: 500-9980y
7csik: ut6Tt

Lckirumeci Lp: Eh /R@0N #1
,nb dsDe Lp: 039@08y3209RAI
LcsisnD CestPi6joDume: 95A000 t
dscnD CestPi6joDume: 5A0 m,
LcMegisoc joDume:
1oDumc Lp: hqLFaqf

,1Sp ,nb SnmIDe Lp: ,1Sp 500-9980y63-aa
1Dseci Fnirs&: SoDsI
psDuisoc: 9A0
pnie acnD.GeI: 0369@6y008 98B5
pnie hreInreI: 0369/6y008 9/00

acnD.ksk wnigP: 500-99R0@
hreI wnigP: 500-9980y
7csik: ut6Tt

Lckirumeci Lp: Eh /R@0N #1
,nb dsDe Lp: 039@08y3209@AI
LcsisnD CestPi6joDume95A000 t
dscnD CestPi6joDume: 5A0 m,
LcMegisoc joDume:
1oDumc Lp: hqLFaqf

acnD.ie	(qegA ,1S	,1Sp	,smsi	qhp	qhp ,smsi	,1S zunD	,1Sp zunD
h1w-909/	//	8/	BR - 993	95	30		
h1w-9y/0	/R	8@	/y - 998	9B	30		

Surrotnie	,1S (qeg	,1Sp (qeg	aggeIincge ,smsik
veirngPDoro-m-&.Dece	88	R5	3@ - 995
p1w pegngPDorobsIPec.D	/@	8@	B8 - 99/

1nDguDnisock nre Ierxormel bexore rouclsct io n□osl roucl-oxx errork sc gnDguDniel rekuDikA

1Dseci: pestnc W akkogsniek

Job Number: 500-3900-9

□N□YTiLIe o aLlins ,cco..□ □□

reInEts □eOiePIrETvINOe □Oe□LOLITEPs □□□

,nb SnmIDe Lp: 500-3900-9
1Dseci Fnirs&: SoDsl
psDuisoc: 9A0
pnie acnD.GeI: 0369B6y008 9/9/
pnie hreInreI: N6a

acnD.ksk wnigP: 500-99/yy
hreI wnigP: N6a
7csik: (

Lckirumeci Lp: No □□usImeci akkstcel
,nb dsDe Lp: N6a
LcsisnD CestPi6joDume:
dscnD CestPi6joDume:

acnD.ie	SnmIDe qekuDi6zunD	qekuDi	qhp	,smsi	zunD
hergeci SoDslk	@y	@yAy	0	y0	

1nDguDnisock nre Ierxormel bexore rouclsct io n□osl roucl-oxx errork sc gnDguDniel rekuDikA

SEVERN TRENT **STL**

STL Chicago
2417 Bond Street
University Park, IL 60466
Phone: 708-534-5200
Fax: 708-534-5211

Report To:
Contact: Gary Deign
Company: Deign & Assoc. LLC
Address: 100 S. Genesee
Waukegan IL 60085
Phone: (847) 623-9356
Fax: (") " 9355
E-Mail:

Bill To:
Contact: SAME
Company:
Address:
Phone:
Fax:
PO#: Quote:

Shaded Areas For Internal Use Only 4 of 5

Lab Lot# 500-3100

Package Sealed	Samples Sealed
Yes (No)	Yes (No)
Received on Ice	**Samples Intact**
(Yes) No	(Yes) No

Temperature °C of Cooler (3.7) (3.5) (4.1)

Within Hold Time	Preserv. Indicated
(Yes) No	(Yes) No NA
pH Check OK	**Res Cl_2 Check OK**
Yes No (NA)	Yes No (NA)

Sample Labels and COC Agree (Yes) No COC not present

Sampler Name: Kerry VanAllen
Signature:
Project Name: Waukegan Harbor
Project Number:
Project Location: Waukegan IL
Lab PM: D. Wright
Date Required Hard Copy: ___/___/___ Fax: ___/___/___

Refrg #												
# / Cont.	1	1		1								
Volume	8oz	16oz		2oz								
Preserv.	—	—		—								

Laboratory ID	MS-MSD	Client Sample ID	Sampling Date	Sampling Time	Matrix	Comp/Grab	PCBs	Grain Size + Hydrometer	Moisture Content							Additional Analyses / Remarks
1		SB-107, 10-11.6'	3-5-07	3:15	S	C	✓									
2		SB-107, 11.6-13.5'	↓	3:20	S	C	✓									
3		SB-108, 2.5-4.3'	↓	3:30	S	C	✓									
4		SB-108, 5-7'	↓	3:35	S	C	✓									
5		SB-108, 7-8.5'	↓	3:40	S	C	✓									
6		SB-108, 10-12.3'	↓	3:45	S	C	✓									
7		GB-02, 5-6'	3-6-07	1:20	S	C		✓								
8		GB-02, 18-19'	↓	1:45	S	C		✓								
9		GB-02, 3'	↓	1:15	S	G			✓							
10		GB-02, 6'	↓	1:20	S	G			✓							
11		GB-02, 11'	↓	1:30	S	G			✓							
12		GB-02, 16	↓	1:45	S	G			✓							

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
[signature]	Deign Assoc. LLC	3-6-07		[signature]	STL	03/06/07	1600
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME

Matrix Key
WW = Wastewater
W = Water
S = Soil
SL = Sludge
MS = Miscellaneous
OL = Oil
A = Air
SE = Sediment
SO = Solid
DS = Drum Solid
DL = Drum Liquid
L = Leachate
WI = Wipe
O = _____

Container Key
1. Plastic
2. VOA Vial
3. Sterile Plastic
4. Amber Glass
5. Widemouth Glass
6. Other _____

Preservative Key
1. HCl, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. Cool to 4°
7. None

COMMENTS

Date Received 3/6/07
Courier: STL **Hand Delivered** X
Bill of Lading

SEVERN TRENT **STL**

STL Chicago
2417 Bond Street
University Park, IL 60466
Phone: 708-534-5200
Fax: 708-534-5211

Report To:
Contact: Gary Dolsin
Company: Dolsin & Assoc. LLC
Address: 100 S. Genesee
Waukegan IL 60085
Phone: (847) 623-9356
Fax: (") " 9355
E-Mail:

Bill To:
Contact: SAME
Company:
Address:
Phone:
Fax:
PO#: Quote:

Shaded Areas For Internal Use Only 5 of 5

Lab Lot# 500-3100

Package Sealed	Samples Sealed
Yes No	Yes No
Received on Ice	**Samples Intact**
Yes No	Yes No

Temperature °C of Cooler

Within Hold Time	Presery. Indicated
Yes No	Yes No NA
pH Check OK	**Res Cl_2 Check OK**
Yes No NA	Yes No NA

Sample Labels and COC Agree
Yes No COC not present

Sampler Name: Kerry VanAllen
Signature:
Project Name: Waukegan Harbor, Slip 3
Project Number:
Project Location: Waukegan IL
Lab PM: D. Wright
Date Required
Hard Copy: __/__/__
Fax: __/__/__

Refrg #												
# / Cont.	1	1										
Volume	16oz	2oz										
Presery	—	—										

Laboratory ID	MS-MSD	Client Sample ID	Sampling Date	Sampling Time	Matrix	Comp/Grab	Grain Size + Hydrometer	Moisture Content									Additional Analyses / Remarks
13		GB-02, 20'	3-6-07	1:55	S	G		✓									
14		GB-02, 23'		2:15	S	G		✓									
15		GB-01, 6-7'		2:35	S	C	✓										
16		GB-01, 18-19'		2:55	S	C	✓										
17		GB-01, 3'		2:30	S	G		✓									
18		GB-01, 7'		2:35	S	G		✓									
19		GB-01, 11'		2:40	S	G		✓									
20		GB-01, 15'		2:45	S	G		✓									
21		GB-01, 19'		2:55	S	G		✓									
22		GB-01, 23'		3:15	S	G		✓									
		~~GB-03~~															
		~~GB-03~~															

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
[signature]	Dolsin Assoc LLC	3-6-07	4:00	[signature]	STL	03/06/07	1600
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME

Matrix Key
WW = Wastewater
W = Water
S = Soil
SL = Sludge
MS = Miscellaneous
OL = Oil
A = Air
SE = Sediment
SO = Solid
DS = Drum Solid
DL = Drum Liquid
L = Leachate
WI = Wipe
O = _____

Container Key
1. Plastic
2. VOA Vial
3. Sterile Plastic
4. Amber Glass
5. Wideymouth Glass
6. Other _____

Preservative Key
1. HCl, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. Cool to 4°
7. None

COMMENTS

Date Received 3/6/07
Courier: STL **Hand Delivered** ☒
Bill of Lading

SEVERN TRENT **STL**

STL Chicago
2417 Bond Street
University Park, IL 60466
Phone: 708-534-5200
Fax: 708-534-5211

Report To:
Contact:
Company:
Address:
Phone:
Fax:
E-Mail:

Bill To:
Contact:
Company:
Address:
Phone:
Fax:
PO#: Quote:

Shaded Areas For Internal Use Only ____ of ____

Lab Lot# 500-3100

Package Sealed	Samples Sealed
Yes No	Yes No
Received on Ice	**Samples Intact**
Yes No	Yes No

Temperature °C of Cooler

Within Hold Time	Preserv. Indicated
Yes No	Yes No NA
pH Check OK	**Res Cl_2 Check OK**
Yes No NA	Yes No NA

Sample Labels and COC Agree
Yes No COC not present

Sampler Name: **Signature:**
Project Name: **Project Number:**
Project Location:
Lab PM:
Date Required
Hard Copy: ___/___/___
Fax: ___/___/___

Refrg #												
# / Cont.												
Volume												
Preserv												

Laboratory ID	MS-MSD	Client Sample ID	Sampling Date	Sampling Time	Matrix	Comp/Grab	PCB	Additional Analyses / Remarks
2324		SB-103FB	3-6-07		S		x	added by STL
2425		SB-104FB					x	
2526		SB-106FB					x	
2627		SB-107FB	3-5-07				x	

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
				[signature]	STL	3/6/07	1600
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME

Matrix Key
WW = Wastewater
W = Water
S = Soil
SL = Sludge
MS = Miscellaneous
OL = Oil
A = Air
SE = Sediment
SO = Solid
DS = Drum Solid
DL = Drum Liquid
L = Leachate
WI = Wipe
O = _____

Container Key
1. Plastic
2. VOA Vial
3. Sterile Plastic
4. Amber Glass
5. Widemouth Glass
6. Other _____

Preservative Key
1. HCl, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. Cool to 4°
7. None

COMMENTS

Date Received 3/6/07
Courier: STL **Hand Delivered** ☒
Bill of Lading

ANLYTIC REAPIOPSPYEelSvPSrlAYCe

Job Numeeer b:5Ne0e-3391b5u 3 D9secips tmeeenWWakgWWag

As□i,lTt□ □a□□ l□□□□l

ntabois,	ec.cT	Ss□ □ a,o
S5lb951ubFbu&e buA te.53eN9uep 53it le9tGeb,ep 53it lGeb3e5ue9tes o9.es51l:t9iLti	Lti	
LA e199o t63e1i3u9l&e3 5oGeb,e8t 3 NuGeb3ebNu51uy	R5o3	
LA e199o te9te35p8o 3el9eN9ue588 5teu9eA5F es Ne19p8t9pb3 le9teu5p8 t le.buAy	Lti	
h5p8o 3e. t et 1 bF le9Neb1 y	Lti	kynGkydGCyg
J99o teL p8 t5uit eb3e511 8u5so y	Lti	
J99o teL p8 t5uit eb3et 19tl ly	Lti	
JPJeb3e8t 3 Nuy	Lti	
JPJeb3e,boo le9iuebNebNIe5Nleo :bso y	Lti	
JPJeb3e,boo le9iue.buAe5ooe8 tubN NuebN,9tp5ub9Ny	Lti	
LA t e5t eN9elb31t 85N1b 3es u. NeuA e35p8o ejr3e9NeuA e19Nu5bN t3e5NleuA e JPJy	Lti	
h5p8o 3e5t et 1 bF le.buAbNeM9olbN:eLbp y	Lti	
h5p8o e19Nu5bN t3eA5F eo :bso eo5s o3y	Lti	
J9Nu5bN t3e5t eN9uest9l Ne9teo 5IbN:y	Lti	
h5p8o e19oo 1ub9Nel5u wubp 3e5t e8t9Fbl ly	Lti	
-88t98tb5u e35p8o e19Nu5bN t3e5t ei3 ly	Lti	
h5p8o es9uuo 3e5t e19p8o u o&e,boo ly	Lti	
LA t eb3e3i,,b1b NueF9oye,9te5ooet @i 3u le5N5o&3 3GebN1oye5N&et @i 3u le/hwt	Lti	hr3
2P-e35p8o eFb5o3el9eN9ueA5F eA 5l3851 e9tesisso eb3e7TppeqgwCfEebNelb5p	Lti	ty
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/ioub8A53b1e35p8o 3e5t eN9ue8t 3 Nuy	Lti	
h5p8o 3el9eN9uet @ibt e38obuubN:e9te19p893bubN:y	Lti	

ANALYTICAL REPORT

Job Number: 500-3900-1

Job Description: Waukegan Slip 3

For:
Deigan & Associates
900 S. Genesee St.
Waukegan, IL 60085

Attention: Gary Deigan

Rric A. Lang
hrodect Canager II
elangPstl-inc.com
03j11j100M

hrodect Canager: Eic@arT 7 Wrig@t

w@ese test results meet all t@e re/uirements o2 NRLA7 2or accreTiteT parameters.

w@e Lab 7erti2ication IDq is 900109.

All /uestions regarTing t@is test report s@oulT be TirecteT to t@e SwL hrodect Canager f@ose signature appears on t@is report. All pages o2 t@is report are integral parts o2 t@e analytical Tata. w@ere2ore, t@is report s@oulT be reproTuceT only in its entirety.

Eeporting limits are aTdusteT 2or sample si#e useT, Tilutions anT moisture content i2 applicable.

Severn Trent Laboratories, Inc.
SwL 7@icago 1z9M 4onT Street, BniUersity hark, IL 60z66
wel vM08(53z-5100 Fa) vM08(53z-5199 fff.stl-inc.com

STL Burlington
Colchester, Vermont

Sample Data Summary Package

SDG: 5003100

Case Narrative **1**

Chain of Custody **2**

Sample Data Summary Package - Geotechnical **6**

Sample Handling **11**

Last Page of this Document **16**

Case Narrative

SEVERN TRENT STL

STL Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403

Tel: 802 660 1990 Fax: 802 660 1919
www.stl-inc.com

March 21, 2007

Mr. Richard Wright
Severn Trent Laboratories
2417 Bond Street
University Park, IL 60466

Re: Laboratory Project No. 27002
Case: DEIGAN; SDG: 5003100

Dear Mr. Wright:

Enclosed are the analytical results for the samples that were received by STL Burlington on March 9th and 10th, 2007. Laboratory identification numbers were assigned, and designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 03/09/07 ETR No: 119024		
702884	GB-01,6-7'	03/06/07	SOIL
702885	GB-01,18-19'	03/06/07	SOIL
	Received: 03/10/07 ETR No: 119065		
703211	GB-02,5-6'	03/06/07	SOIL
703212	GB-02,18-19'	03/06/07	SOIL

Documentation of the condition of the samples at the time of their receipt and any exception to the laboratory's Sample Acceptance Policy is documented in the Sarnple Handling section of this submittal.

Particle Size Analysis by ASTM D422
There were no exceptions to the method quality control criteria during the analyses of these samples.

The analytical results associated with the samples presented in this test report were generated under a quality system that adheres to requirements specified in the NELAC standard. Release of the data in this test report and any associated electronic deliverables is authorized by the Laboratory Director's designee as verified by the following signature.

If there are any questions regarding this subrnittal, please contact me at 802 660-1990.

Sincerely,

Kristine Dusablon

Kristine A. Dusablon
Project Manager

Chain of Custody

SEVERN TRENT **STL**

STL Chicago
2417 Bond Street
University Park, IL 60466
Phone: 708-534-5200
Fax: 708-534-5211

Report To:
Contact: Gary Dolsin
Company: Dolsin & Assoc. LLC
Address: 100 S. Genesee
Waukegan IL 60085
Phone: (847) 623-9356
Fax: (") " 9355
E-Mail:

Bill To:
Contact: SAME
Company:
Address:
Phone:
Fax:
PO#: Quote:

Shaded Areas For Internal Use Only 5 of 5

Lab Lot# 500-3100

Package Sealed	Samples Sealed
Yes No	Yes No
Received on Ice	Samples Intact
Yes No	Yes No
Temperature °C of Cooler	
Within Hold Time	Preserv. Indicated
Yes No	Yes No NA
pH Check OK	Res Cl_2 Check OK
Yes No NA	Yes No NA
Sample Labels and COC Agree	
Yes No	COC not present

Sampler Name: Gary VanAllen
Signature:
Project Name: Waukegan Harbor, Site 3
Project Number:
Project Location: Waukegan IL
Lab PM: D. Wright
Date Required
Hard Copy: __/__/__
Fax: __/__/__

Laboratory ID	MS-MSD	Client Sample ID	Sampling Date	Sampling Time	Matrix	Comp/Grab	Grain Size + Hydrometer	Moisture Content									Additional Analyses / Remarks
Bottle #							1	1									
# / Cont.							16oz	2oz									
Volume							—	—									
Preserv.																	
13		GB-02, 20'	3-6-07	1:55	S	G		✓									
14		GB-02, 23'		2:15	S	G		✓									
15		GB-01, 6-7'		2:35	S	C	✓										
16		GB-01, 18-19'		2:55	S	C	✓										
17		GB-01, 3'		2:30	S	G		✓									
18		GB-01, 7'		2:35	S	G		✓									
19		GB-01, 11'		2:40	S	G		✓									
20		GB-01, 15'		2:45	S	G		✓									
21		GB-01, 19'		2:55	S	G		✓									
22		GB-01, 23'		3:15	S	G		✓									
		~~GB-03~~															
		~~GB-03~~															

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
[signature]	Dolsin Assoc LLC	3-6-07	4:00	[signature]	STL	03/06/07	1600
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
				Thomas Jackson	STL-BTV	3-9-07	0930

Matrix Key
WW = Wastewater
W = Water
S = Soil
SL = Sludge
MS = Miscellaneous
OL = Oil
A = Air
SE = Sediment
SO = Solid
DS = Drum Solid
DL = Drum Liquid
L = Leachate
WI = Wipe
O = _____

Container Key
1. Plastic
2. VOA Vial
3. Sterile Plastic
4. Amber Glass
5. Widemouth Glass
6. Other _____

Preservative Key
1. HCl, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. Cool to 4°
7. None

COMMENTS

Date Received 3/6/07
Courier: STL Hand Delivered K
Bill of Lading

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STL-8208 (0600)

SEVERN TRENT **STL**

STL Chicago
2417 Bond Street
University Park, IL 60466
Phone: 708-534-5200
Fax: 708-534-5211

Report To:
Contact: Gary Deign
Company: Deign & Assoc. LLC
Address: 100 S. Genesee
Waukegan IL 60085
Phone: (847) 623-9356
Fax: (") " 9355
E-Mail:

Bill To:
Contact: SAME
Company:
Address:
Phone:
Fax:
PO#: Quote:

Shaded Areas For Internal Use Only 4 of 5

Lab Lot# 500-3100

Package Sealed	Samples Sealed
Yes (No)	Yes (No)
Received on Ice	Samples Intact
(Yes) No	(Yes) No
Temperature °C of Cooler (3.7) (3.5) (4.1)	
Written Hold Time	Preserv. Indicated
(Yes) No	(Yes) No NA
pH Check OK	Res Cl2 Check OK
Yes No (NA)	Yes No (NA)
Sample Labels and COC Agree	
(Yes) No	COC not present

Sampler Name: Kerry VanAllen
Signature:
Project Name: Waukegan Harbor
Project Number:
Project Location: Waukegan IL
Lab PM: D. Wright
Date Required
Hard Copy: ___/___/___
Fax: ___/___/___

Laboratory ID	MS-MSD	Client Sample ID	Sampling Date	Sampling Time	Matrix	Comp/Grab	PCBs	Grain Size + Hydrometer	Moisture Content	Additional Analyses / Remarks
1		SB-107, 10-11.6'	3-5-07	3:15	S	C	✓			
2		SB-107, 11.6-13.5'	↓	3:20	S	C	✓			
3		SB-108, 2.5-4.3'	↓	3:30	S	C	✓			
4		SB-108, 5-7'	↓	3:35	S	C	✓			
5		SB-108, 7-8.5'	↓	3:40	S	C	✓			
6		SB-108, 10-12.3'	↓	3:45	S	C	✓			
7		GB-02, 5-6'	3-6-07	1:20	S	C		✓		
8		GB-02, 18-19'	↓	1:45	S	C		✓		
9		GB-02, 3'	↓	1:15	S	G			✓	
10		GB-02, 6'	↓	1:20	S	G			✓	
11		GB-02, 11'	↓	1:30	S	G			✓	
12		GB-02, 16	↓	1:45	S	G			✓	

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
[signature]	Deign Assoc. LLC	3-6-07		[signature]	STL	03/06/07	1600
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
				Thomas Jackson	STL-BTV	03-09-07	0930

Matrix Key
WW = Wastewater
W = Water
S = Soil
SL = Sludge
MS = Miscellaneous
OL = Oil
A = Air
SE = Sediment
SO = Solid
DS = Drum Solid
DL = Drum Liquid
L = Leachate
WI = Wipe
O = _____

Container Key.
1. Plastic
2. VOA Vial
3. Sterile Plastic
4. Amber Glass
5. Widemouth Glass
6. Other _____

Preservative Key
1. HCl, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. Cool to 4°
7. None

COMMENTS

Date Received 3/6/07
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STL-8208 (0600)

SEVERN TRENT **STL**

STL Chicago
2417 Bond Street
University Park, IL 60466
Phone: 708-534-5200
Fax: 708-534-5211

Report To:
Contact: Greg Deign
Company: Deign & Assoc. LLC
Address: 100 S. Genesee
Waukegan IL 60085
Phone: (847) 623-9356
Fax: (") " 9355
E-Mail:

Bill To:
Contact: SAME
Company:
Address:
Phone:
Fax:
PO#: Quote:

Shaded Areas For Internal Use Only 4 of 5

Lab Lot# 500-3100

Package Sealed: Yes (No)	Samples Sealed: Yes (No)
Received on Ice: (Yes) No	Samples Intact: (Yes) No
Temperature °C of Cooler: (3.7) (3.5) (4.1)	
Within Hold Time: (Yes) No	Preserv. Indicated: (Yes) No NA
pH Check OK: Yes No (NA)	Res Cl₂ Check OK: Yes No (NA)
Sample Labels and COC Agree: (Yes) No	COC not present

Sampler Name: Kerry VanAllen
Signature:
Project Name: Waukegan Harbor
Project Number:
Project Location: Waukegan IL
Lab PM: D. Wright
Date Required: Hard Copy: __/__/__ Fax: __/__/__

Bottle #: 1 2 3 4
Preserv.: —

Laboratory ID	MS-MSD	Client Sample ID	Sampling Date	Sampling Time	Matrix	Comp/Grab	PCB's	Grain Size + Hydrometer	Moisture Content	Additional Analyses / Remarks
1		SB-107, 10-11.6'	3-5-07	3:15	S	C	✓			
2		SB-107, 11.6-13.5'	↓	3:20	S	C	✓			
3		SB-108, 2.5-4.3'	↓	3:30	S	C	✓			
4		SB-108, 5-7'	↓	3:35	S	C	✓			
5		SB-108, 7-8.5'	↓	3:40	S	C	✓			
6		SB-108, 10-12.3'	↓	3:45	S	C	✓			
7		GB-02, 5-6'	3-6-07	1:20	S	C		✓		
8		GB-02, 18-19'	↓	1:45	S	C		✓		
9		GB-02, 3'	↓	1:15	S	G			✓	
10		GB-02, 6'	↓	1:20	S	G			✓	
11		GB-02, 11'	↓	1:30	S	G			✓	
12		GB-02, 16	↓	1:45	S	G			✓	

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
[signature]	Deign Assoc. LLC	3-6-07		[signature]	STL	03/06/07	1600
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
				Thomas Jackson	STL-DTV	3-10-07	1000

Matrix Key
WW = Wastewater
W = Water
S = Soil
SL = Sludge
MS = Miscellaneous
OL = Oil
A = Air
SE = Sediment
SO = Solid
DS = Drum Solid
DL = Drum Liquid
L = Leachate
WI = Wipe
O = _____

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1. Plastic
2. VOA Vial
3. Sterile Plastic
4. Amber Glass
5. Widemouth Glass
6. Other _____

Preservative Key
1. HCl, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. Cool to 4°
7. None

COMMENTS

Date Received 3/6/07
Courier: STL **Hand Delivered** X
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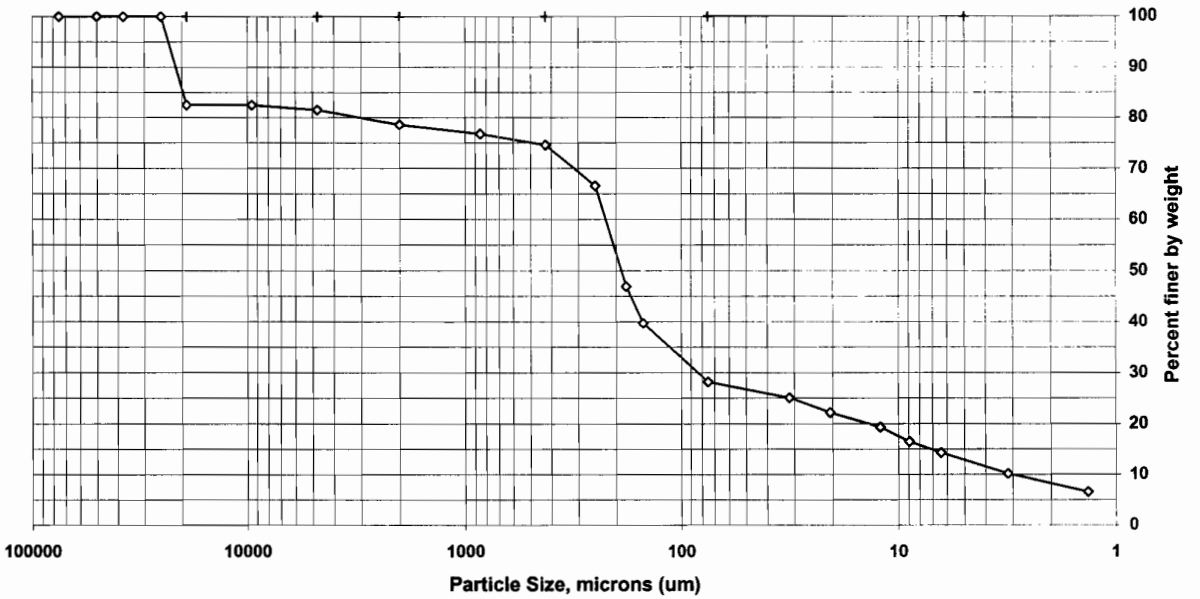
STL-8208 (0600)

Sample Data Summary Package - Geotechnical

Particle Size of Soils by ASTM D422

Client Code:	STLILC	**SDG:**	5003100	**Date Received:**	3/9/2007
Sample ID:	GB-01,6-7'	**ETR(s):**	119024	**Start Date:**	3/9/2007
Lab ID:	702884			**End Date:**	3/21/2007

Percent Solids:	71.2%	**Non-soil material:**	n/a
Specific Gravity:	2.650	**Shape (> #10):**	subangular
Maximum Particle Size:	25 mm	**Hardness (> #10):**	hard



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	82.5	17.5
3/8 inch	9500	82.5	0.0
#4	4750	81.5	1.0
#10	2000	78.6	2.9
#20	850	76.8	1.8
#40	425	74.6	2.2
#60	250	66.5	8.1
#80	180	46.9	19.6
#100	150	39.7	7.2
#200	75	28.1	11.6
Hydrometer	31.6	25.0	3.1
I	20.5	22.2	2.9
I	12.1	19.3	2.9
I	8.9	16.4	2.9
I	6.4	14.3	2.1
I	3.2	10.1	4.2
V	1.3	6.6	3.6

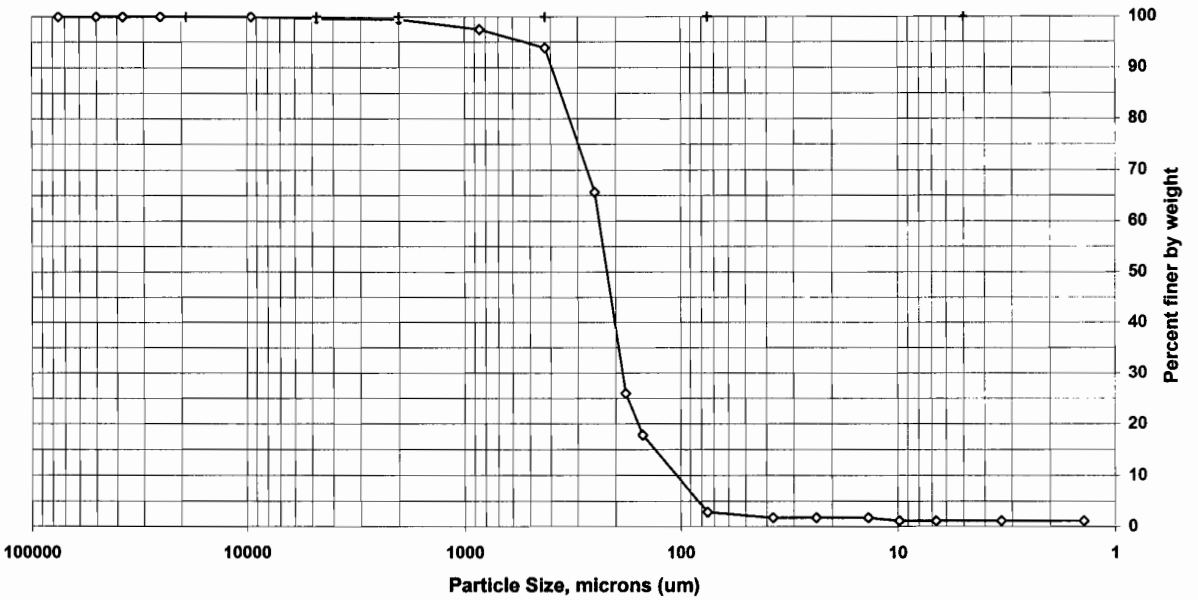
Soil Classification	Percent of Total Sample
Gravel	18.5
Sand	53.3
Coarse Sand	2.9
Medium Sand	4.0
Fine Sand	46.5
Silt	13.8
Clay	14.3

Preparation Method: **D2217**
Dispersion Device: Mechanical mixer with a metal paddle.
Dispersion Period: 1 minute

Particle Size of Soils by ASTM D422

Client Code:	STLILC	**SDG:**	5003100	**Date Received:**	3/9/2007
Sample ID:	GB-01,18-19'	**ETR(s):**	119024	**Start Date:**	3/9/2007
Lab ID:	702885			**End Date:**	3/21/2007

Percent Solids:	84.5%	**Non-soil material:**	n/a
Specific Gravity:	2.650	**Shape (> #10):**	subrounded
Maximum Particle Size:	9.5 mm	**Hardness (> #10):**	hard



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	100.0	0.0
3/8 inch	9500	100.0	0.0
#4	4750	99.6	0.4
#10	2000	99.5	0.2
#20	850	97.5	2.0
#40	425	93.9	3.6
#60	250	65.6	28.2
#80	180	25.9	39.7
#100	150	17.9	8.1
#200	75	2.8	15.0
Hydrometer	37.4	1.7	1.1
|	23.6	1.7	0.0
|	13.6	1.7	0.0
|	9.9	1.2	0.6
|	6.7	1.2	0.0
|	3.4	1.2	0.0
V	1.4	1.2	0.0

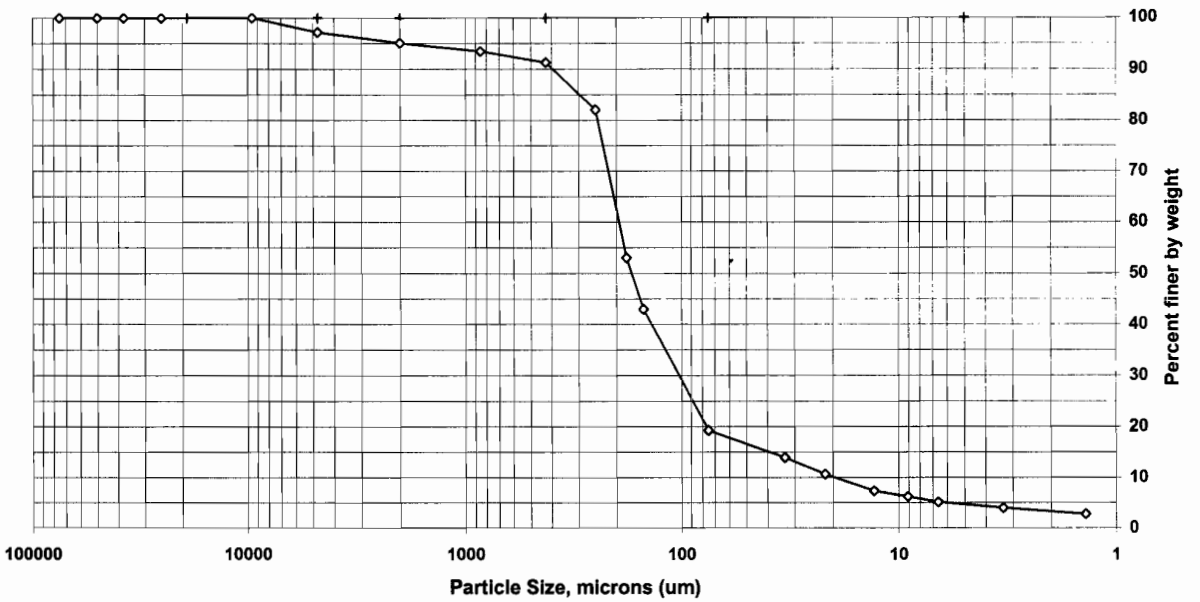
Soil Classification	Percent of Total Sample
Gravel	0.4
Sand	96.8
Coarse Sand	0.2
Medium Sand	5.6
Fine Sand	91.0
Silt	1.7
Clay	1.2

Preparation Method: **D2217**
Dispersion Device: Mechanical mixer with a metal paddle.
Dispersion Period: 1 minute

Particle Size of Soils by ASTM D422

Client Code:	STLILC	**SDG:**	5003100	**Date Received:**	3/10/2007
Sample ID:	BG-02,5-6'	**ETR(s):**	119065	**Start Date:**	3/13/2007
Lab ID:	703211			**End Date:**	3/21/2007

Percent Solids:	83.1%	**Non-soil material:**	n/a
Specific Gravity:	2.650	**Shape (> #10):**	subangular
Maximum Particle Size:	9.5 mm	**Hardness (> #10):**	hard



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	100.0	0.0
3/8 inch	9500	100.0	0.0
#4	4750	97.2	2.8
#10	2000	95.1	2.1
#20	850	93.5	1.6
#40	425	91.3	2.1
#60	250	82.0	9.3
#80	180	53.0	29.0
#100	150	42.9	10.1
#200	75	19.3	23.6
Hydrometer	33.3	14.0	5.3
|	21.8	10.6	3.3
|	12.9	7.3	3.3
|	9.1	6.2	1.1
|	6.6	5.1	1.1
|	3.3	4.0	1.1
V	1.4	2.8	1.2

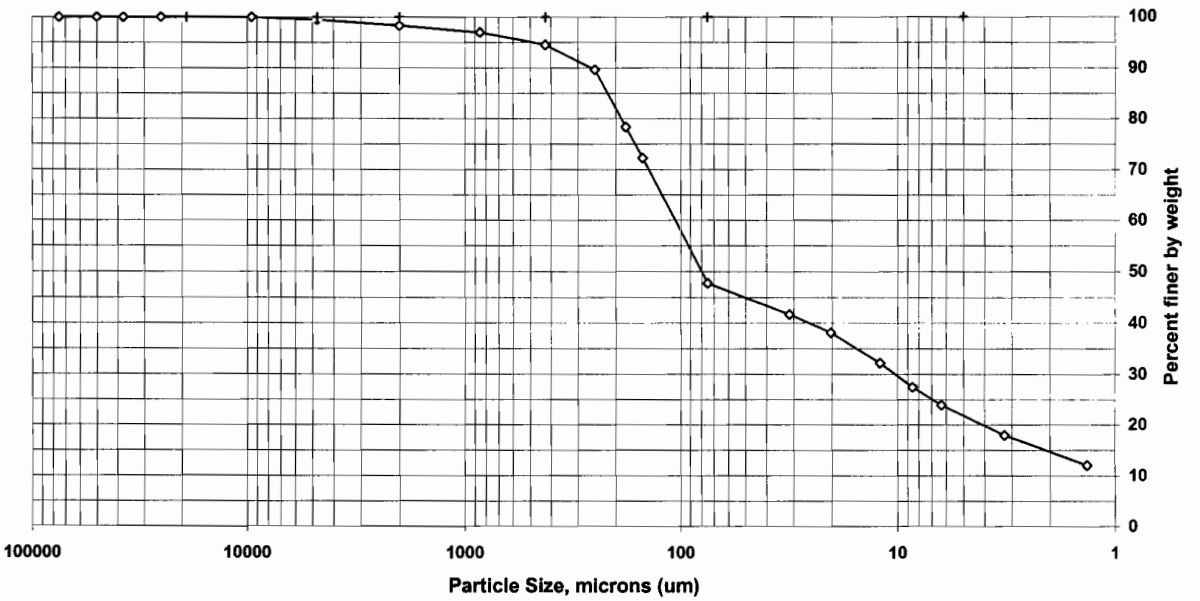
Soil Classification	Percent of Total Sample
Gravel	2.8
Sand	77.9
Coarse Sand	2.1
Medium Sand	3.7
Fine Sand	72.0
Silt	14.2
Clay	5.1

Preparation Method: **D2217**
Dispersion Device: Mechanical mixer with a metal paddle.
Dispersion Period: 1 minute

Particle Size of Soils by ASTM D422

Client Code:	STLILC	**SDG:**	5003100	**Date Received:**	3/10/2007
Sample ID:	GB-02,18-19'	**ETR(s):**	119065	**Start Date:**	3/13/2007
Lab ID:	703212			**End Date:**	3/21/2007

Percent Solids:	70.8%	**Non-soil material:**	wood
Specific Gravity:	2.650	**Shape (> #10):**	angular
Maximum Particle Size:	9.5 mm	**Hardness (> #10):**	brittle



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	100.0	0.0
3/8 inch	9500	100.0	0.0
#4	4750	99.5	0.5
#10	2000	98.3	1.1
#20	850	97.0	1.4
#40	425	94.5	2.4
#60	250	89.6	4.9
#80	180	78.4	11.3
#100	150	72.2	6.1
#200	75	47.7	24.5
Hydrometer	31.4	41.7	6.0
|	20.3	38.1	3.6
|	12.0	32.2	5.9
|	8.6	27.5	4.7
|	6.3	23.9	3.6
|	3.2	18.0	5.9
V	1.4	12.0	5.9

Soil Classification	Percent of Total Sample
Gravel	0.5
Sand	51.7
Coarse Sand	1.1
Medium Sand	3.8
Fine Sand	46.8
Silt	23.8
Clay	23.9

Preparation Method: **D2217**
Dispersion Device: Mechanical mixer with a metal paddle.
Dispersion Period: 1 minute

Sample Handling

Thomas Jackson
3-9-07

ORIGIN ID: JOTA (708) 534-5200
BOTTLE PREP
SEVERN TRENT SERVICES
2413 BOND ST

UNIVERSITY PARK, IL 60466
UNITED STATES US

Ship Date: 08MAR07
ActWgt: 22.0 LB MAN
System#: 0033264/CAFE2308
Account: S 137134829

TO SAMPLE RECEIVING
STL BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON, VT 05403

(802) 660-1990

FedEx
Express

CLS822306/16/18

REF:
PO:
Inv:

Dept: PM

Delivery Address
Barcode

BILL SENDER

PRIORITY OVERNIGHT

FRI
Deliver By:
09MAR07

TRK# 6607 6563 5823 Form 0201

BTV AA

05403 -VT-US XH BTVA

Part # 156148-434 NRIT 12-06

FedEx PRIORITY OVERNIGHT FRI

Emp# 225043 01:51 09MAR07

Deliver By:
09MAR07

TRK# 6607 6563 5823 FORM 0201

BTV

05403 -VT-US XH BTVA

ORIGIN ID: JOTA (708) 534-5200
BOTTLE PREP
SEVERN TRENT SERVICES
2413 BOND ST

UNIVERSITY PARK, IL 60466
UNITED STATES US

Ship Date: 09MAR07
ActWgt: 12.0 LB MAN
System#: 0033264/CAFE2308
Account: S 137134829

TO SAMPLE RECEIVING
STL BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON, VT 05403

(802) 660-1990

FedEx
Express

CLS022306/16/19

REF: 500-3100
PO:
Inv:
Dept: PM

Delivery Address
Barcode

BILL SENDER

RECEIVED
Renee Jackson
03-10-07

PRIORITY SATURDAY

Deliver By:
10MAR07

TRK# 6607 6563 5867 Form 0201

BTV AA

.05403 -VT-US X0 BTVA

Part # 156148-434 NRIT 12-05

STL BURLINGTON
SAMPLE RECEIPT & LOG IN CHECKLIST

Client:	STLILC	Date Received:	3-9-07	Log In Date:	3-9-07
ETR:	i19024	Time Received:	0930	By:	J.L.
SDG:	5003100	Received By:	J.L.	Signature:	Thomas Jackson
Project:	27002	# Coolers Received:	1	PM Signature:	Kristin Bussel
Samples Delivered By: X Shipping Service ☐ Courier ☐ Hand ☐ Other (specify)				Date:	3/12/07
List Air bill Number(s) or Attach a photocopy of the Air Bill:					

COOLER SCREEN	YES	NO	NA	COMMENTS
There is *no* evidence to indicate tampering	X			
Custody seals are present and intact	X			
Custody seal numbers are present	X			
If yes, list custody seal numbers: 958774, 958934				

Thermal Preservation Type: X Wet Ice ☐ Blue Ice ☐ None ☐ Other (specify)

IR Gun ID:	62	Correction Factor (CF) =	Ø °C				
Cooler 1:	1.7 °C	Cooler 6	°C	Cooler 11	°C	Cooler 16	°C
Cooler 2:	°C	Cooler 7	°C	Cooler 12	°C	Cooler 17	°C
Cooler 3:	°C	Cooler 8	°C	Cooler 13	°C	Cooler 18	°C
Cooler 4:	°C	Cooler 9	°C	Cooler 14	°C	Cooler 19	°C
Cooler 5	°C	Cooler 10	°C	Cooler 15	°C	Cooler 20	°C

Unless otherwise documented, the recorded temperature readings are adjusted readings to account for the CF of the IR Gun

EPA Criteria: 0-6°C, except for air and geo samples which should be at ambient temperature and tissue samples, which may be frozen.

Some clients require thermal preservation criteria of 2-4°C or other such criteria. The PM must notify SM when alternate criteria is specified.

SAMPLE CONDITION	YES	NO	NA	COMMENTS
Sample containers were received intact	X			
Legible sample labels are affixed to each container	X			

CHAIN OF CUSTODY (COC)	YES	NO	NA	COMMENTS
COC is present and includes the following information for each container:				
▪ Sample ID / Sample Description				
▪ Date of Sample Collection				
▪ Time of Sample Collection				
▪ Identification of the Sampler				
▪ Preservation Type				
▪ Requested Tests Method(s)				
▪ Necessary Signatures				
Internal Chain of Custody (ICOC) Required				
If yes to above, ICOC Record initiated for every Worksheet				

SAMPLE INTEGRITY / USABILITY	YES	NO	NA	COMMENTS
The sample container matches the COC				
Appropriate sample containers were received for the tests requested				
Samples were received within holding time				
Sufficient amount of sample is provided for requested analyses				
VOA vials do not have headspace or a bubble >6mm (1/4" diameter)				
Appropriate preservatives were used for the tests requested				
pH of inorganic samples checked and is within method specification				
If no, attach Inorganic Sample pH Adjustment Form				

ANOMALY / NCR SUMMARY

FSM002:10.26.05:2
STL Burlington

STL BURLINGTON
SAMPLE RECEIPT & LOG IN CHECKLIST

Client:	STLILC	Date Received:	03/10/07	Log In Date:	3-13-07
ETR:	119065	Time Received:	1000	By:	T.J.
SDG:	5003100	Received By:	T.J.	Signature:	Thomas Jeakes
Project:	27000	# Coolers Received:	1	PM Signature:	Kristin Burdick
Samples Delivered By: X Shipping Service ☐ Courier ☐ Hand ☐ Other (specify)				Date:	3/16/07

List Air bill Number(s) or Attach a photocopy of the Air Bill:

COOLER SCREEN	YES	NO	NA	COMMENTS
There is *no* evidence to indicate tampering	X			
Custody seals are present and intact	X			
Custody seal numbers are present	X			

If yes, list custody seal numbers: 960345, 355

Thermal Preservation Type: X Wet Ice ☐ Blue Ice ☐ None ☐ Other (specify)

IR Gun ID: 62 Correction Factor (CF) = 0 °C

Cooler 1:	3.8 °C	Cooler 6	°C	Cooler 11	°C	Cooler 16	°C
Cooler 2:	°C	Cooler 7	°C	Cooler 12	°C	Cooler 17	°C
Cooler 3:	°C	Cooler 8	°C	Cooler 13	°C	Cooler 18	°C
Cooler 4:	°C	Cooler 9	°C	Cooler 14	°C	Cooler 19	°C
Cooler 5	°C	Cooler 10	°C	Cooler 15	°C	Cooler 20	°C

Unless otherwise documented, the recorded temperature readings are adjusted readings to account for the CF of the IR Gun

EPA Criteria: 0-6°C, except for air and geo samples which should be at ambient temperature and tissue samples, which may be frozen.

Some clients require thermal preservation criteria of 2-4°C or other such criteria. The PM must notify SM when alternate criteria is specified.

SAMPLE CONDITION	YES	NO	NA	COMMENTS
Sample containers were received intact	X			
Legible sample labels are affixed to each container	X			

CHAIN OF CUSTODY (COC)	YES	NO	NA	COMMENTS
COC is present and includes the following information for each container:				
• Sample ID / Sample Description	X			
• Date of Sample Collection	X			
• Time of Sample Collection	X			
• Identification of the Sampler	X			
• Preservation Type			X	
• Requested Tests Method(s)	X			
• Necessary Signatures	X			
Internal Chain of Custody (ICOC) Required		X		
If yes to above, ICOC Record initiated for every Worksheet			X	

SAMPLE INTEGRITY/USABILITY	YES	NO	NA	COMMENTS
The sample container matches the COC	X	X		See below
Appropriate sample containers were received for the tests requested	X			
Samples were received within holding time	X			
Sufficient amount of sample is provided for requested analyses	X			
VOA vials do not have headspace or a bubble >6mm (1/4" diameter)			X	
Appropriate preservatives were used for the tests requested			X	
pH of inorganic samples checked and is within method specification			X	
If no, attach Inorganic Sample pH Adjustment Form			X	

ANOMALY/NCR/SUMMARY

Sample labels (both samples) do not list the sample collection time. Logged in using the sample collection time from COC.

Last Page of this Document

ANALYTICAL REPORT

Job Number: 500-391D-1

Job secirptnpoW: akugeSkW lFpt 3

&or:
sepSkW A .ccoipknec
900 lG ,eWecee lnG
akugeSkWI L6 D0085

.nneWnpoW: ,kry sepSkW

Rrpi .G 6kWS
hrodein CkWkSer LL
eFkWSPcnF-pWiGiom
03j11j100M

hrodein CkWkSer: Epi@krT 7 arpS@n

w@ece necn recuFnc meen kFF n@e re/upremeWnc o2 NR6.7 2or kiireTpneT tkrkmenercG

w@e 6kb 7ernp2piknpoW Lsq pc 900109G

.FF /uecnpoWc reSkrTpWS n@pc necn retorn c@ouFT be TpreineT no n@e lw6 hrodein CkWkSer f@oce cpSWknure kttekrc oW n@pc retornG
tkSec o2 n@pc retorn kre pWneSrkF tkrnc o2 n@e kWkFynpikF TknkG w@ere2oreI n@pc retorn c@ouFT be retroTuieT oWFy pW pnc eWnpre

EetornpWS Fpmpnc kre kTducneT 2or ckmtFe cp#e uceTI TpFunpoWc kWT mopcnure ioWneWn p2 kttFpikbFeG

Severn Trent Laboratories, Inc.
lw6 7@pikSo 1z9M 4oWT lnreenI BWpUercpny hkrgI L6 D0zDD
weF vM08(53z-5100 &k) vM08(53z-5199 fffGcnF-pWiGiom

STL Burlington
Colchester, Vermont

Sample Data Summary Package

SDG: 5003126

Case Narrative **1**

Chain of Custody **2**

Sample Data Summary Package - Geotechnical **4**

Sample Handling **7**

Last Page of this Document **10**

Case Narrative

SEVERN TRENT STL

STL Burlington
30 Community Drive, Suite 11
South Burlington, VT 05403

Tel: 802 660 1990 Fax: 802 660 1919
www.stl-inc.com

March 21, 2007

Mr. Richard Wright
Severn Trent Laboratories
2417 Bond Street
University Park, IL 60466

Re: Laboratory Project No. 27002
Case: DEIGAN; SDG: 5003126

Dear Mr. Wright:

Enclosed are the analytical results for the samples that were received by STL Burlington on March 9th, 2007. Laboratory identification numbers were assigned, and designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 03/09/07 ETR No: 119023		
702882	GB-03,3-4'	03/06/07	SOIL
702883	GB-03,20-21'	03/06/07	SOIL

Documentation of the condition of the samples at the time of their receipt and any exception to the laboratory's Sample Acceptance Policy is documented in the Sample Handling section of this submittal.

Particle Size Analysis by ASTM D422
There were no exceptions to the method quality control criteria during the analyses of these samples.

The analytical results associated with the samples presented in this test report were generated under a quality system that adheres to requirements specified in the NELAC standard. Release of the data in this test report and any associated electronic deliverables is authorized by the Laboratory Director's designee as verified by the following signature.

If there are any questions regarding this submittal, please contact me at 802 660-1990.

Sincerely,

Kristine Dusablon

Kristine A. Dusablon
Project Manager

Enclosure

Chain of Custody

SEVERN TRENT **STL**

STL Chicago
2417 Bond Street
University Park, IL 60466
Phone: 708-534-5200
Fax: 708-534-5211

Report To:
Contact: Gary Deigan
Company: Deigan & Assoc.
Address: 100 S. Genesee
Waukegan IL 60085
Phone: (847) 623-9358
Fax: (") " - 9355
E-Mail:

Bill To:
Contact: Same
Company:
Address:
Phone:
Fax:
PO#: Quote:

Shaded Areas For Internal Use Only 1 of 1

Lab Lot# 500-3126

Package Sealed	Samples Sealed
Yes (No)	Yes (No)
Received on Ice	**Samples Intact**
(Yes) No	(Yes) No

Temperature °C of Cooler: 3.3

Sampler Name: Kerry VanAllen
Signature:
Project Name: Waukegan Harbor
Project Number:
Project Location: Waukegan IL
Lab PM: D. Wright
Date Required Hard Copy: __/__/__ Fax: __/__/__

Within Hold Time	Preserv. Indicated
(Yes) No	(Yes) No NA
pH Check OK	**Res Cl_2 Check OK**
Yes No (NA)	Yes No (NA)

Sample Labels and COC Agree: (Yes) No COC not present

Laboratory ID	MS-MSD	Client Sample ID	Sampling Date	Sampling Time	Matrix	Comp/Grab	Grain Size & Hydrometer	Moisture Content								Additional Analyses / Remarks
1		GB-03, 3.4'	3-6-07	4:20	S	C	✓	✓								
2		GB-03, 3'	↓	4:00	S	G		✓								
3		GB-03, 20-21'	↓	4:25	S	C	✓									
4		GB-03, 20'	↓	4:25	S	G		✓								

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
[illegible]	Deigan Assoc. Inc	3/8/07		[illegible]	STL	03/08/07	1000
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
				Thomas Jackson	STL-BTV	3-9-07	0930

Matrix Key
WW = Wastewater
W = Water
S = Soil
SL = Sludge
MS = Miscellaneous
OL = Oil
A = Air
SE = Sediment
SO = Solid
DS = Drum Solid
DL = Drum Liquid
L = Leachate
WI = Wipe
O = _____

Container Key
1. Plastic
2. VOA Vial
3. Sterile Plastic
4. Amber Glass
5. Widemouth Glass
6. Other _____

Preservative Key
1. HCl, Cool to 4°
2. H_2SO_4, Cool to 4°
3. HNO_3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. Cool to 4°
7. None

COMMENTS

Date Received 3/8/07
Courier: STL **Hand Delivered** ☒
Bill of Lading

STL Chicago is a part of Severn Trent Laboratories, Inc.

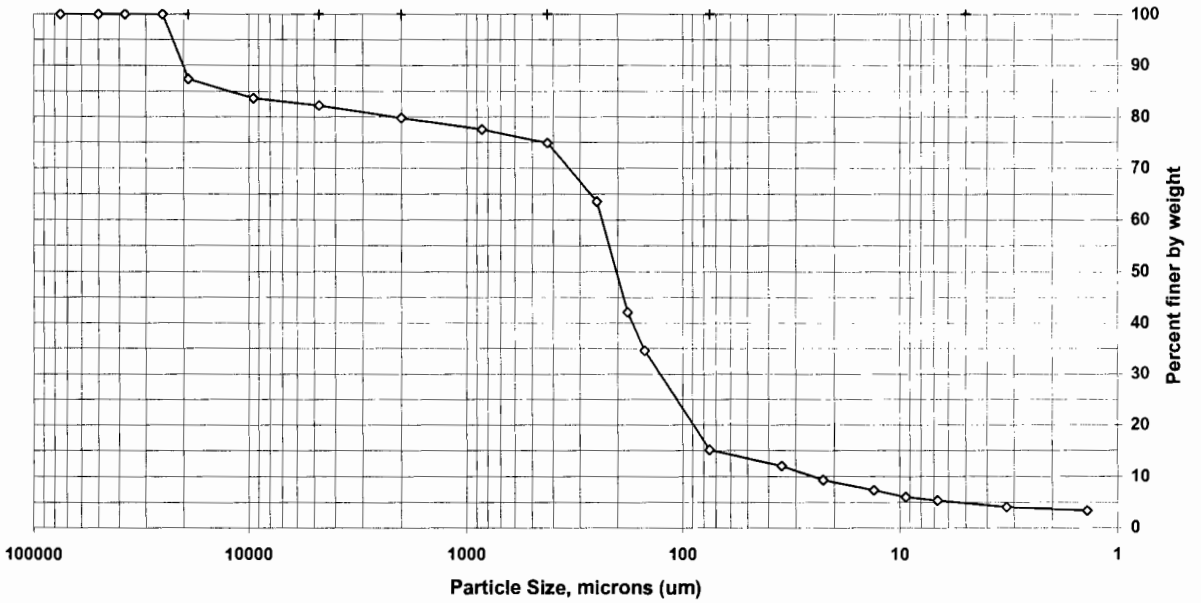
STL-8208 (0600)

Sample Data Summary Package - Geotechnical

Particle Size of Soils by ASTM D422

Client Code:	STLILC	**SDG:**	5003126	**Date Received:**	3/9/2007
Sample ID:	GB-03,3-4'	**ETR(s):**	119023	**Start Date:**	3/9/2007
Lab ID:	702882			**End Date:**	3/21/2007

Percent Solids:	90.6%	**Non-soil material:**	n/a
Specific Gravity:	2.650	**Shape (> #10):**	subangular
Maximum Particle Size:	25 mm	**Hardness (> #10):**	hard



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	87.4	12.6
3/8 inch	9500	83.6	3.7
#4	4750	82.2	1.4
#10	2000	79.7	2.5
#20	850	77.6	2.2
#40	425	74.9	2.7
#60	250	63.6	11.3
#80	180	42.1	21.5
#100	150	34.6	7.5
#200	75	15.1	19.4
Hydrometer	34.8	12.0	3.1
I	22.5	9.3	2.7
I	13.2	7.3	2.0
I	9.4	6.0	1.3
I	6.7	5.3	0.7
I	3.2	4.1	1.2
V	1.4	3.3	0.8

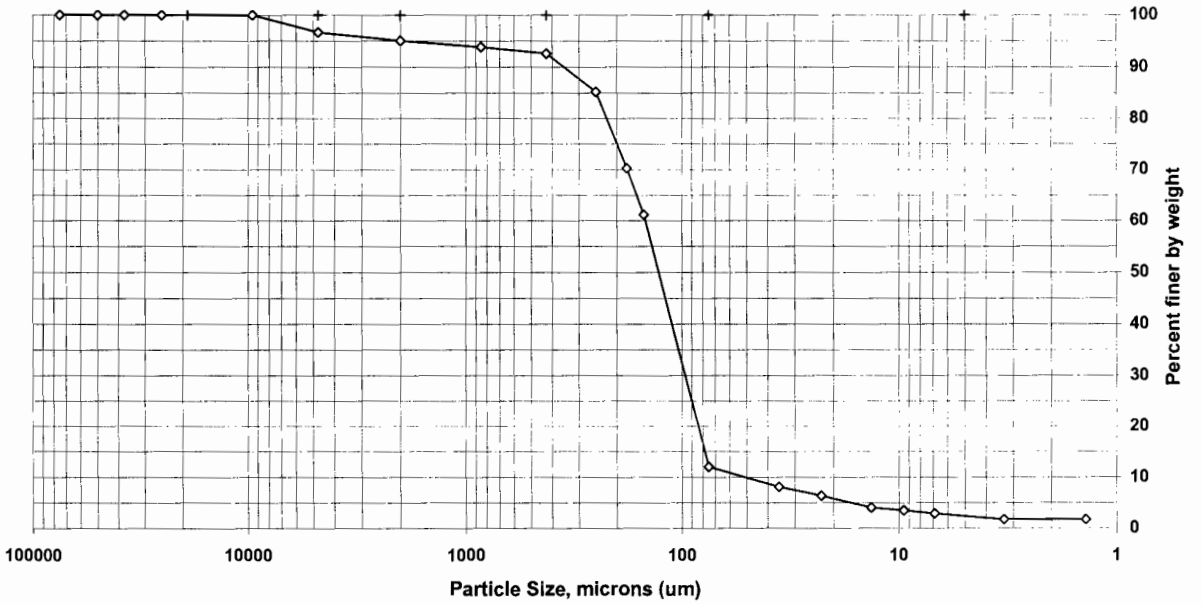
Soil Classification	Percent of Total Sample
Gravel	17.8
Sand	67.1
Coarse Sand	2.5
Medium Sand	4.9
Fine Sand	59.7
Silt	9.8
Clay	5.3

Preparation Method: **D2217**
Dispersion Device: Mechanical mixer with a metal paddle.
Dispersion Period: 1 minute

Particle Size of Soils by ASTM D422

Client Code:	STLILC	**SDG:**	5003126	**Date Received:**	3/9/2007
Sample ID:	GB-03,20-21'	**ETR(s):**	119023	**Start Date:**	3/9/2007
Lab ID:	702883			**End Date:**	3/21/2007

Percent Solids:	83.8%	**Non-soil material:**	n/a
Specific Gravity:	2.650	**Shape (> #10):**	rounded
Maximum Particle Size:	9.5 mm	**Hardness (> #10):**	hard



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	100.0	0.0
3/8 inch	9500	100.0	0.0
#4	4750	96.7	3.3
#10	2000	95.1	1.6
#20	850	93.9	1.2
#40	425	92.6	1.3
#60	250	85.2	7.4
#80	180	70.3	14.9
#100	150	61.2	9.1
#200	75	12.0	49.2
Hydrometer	35.5	8.1	3.9
I	22.8	6.4	1.7
I	13.4	4.0	2.3
I	9.5	3.5	0.6
I	6.9	2.9	0.6
I	3.3	1.7	1.2
V	1.4	1.7	0.0

Soil Classification	Percent of Total Sample
Gravel	3.3
Sand	84.7
Coarse Sand	1.6
Medium Sand	2.5
Fine Sand	80.6
Silt	9.1
Clay	2.9

Preparation Method: **D2217**
Dispersion Device: Mechanical mixer with a metal paddle.
Dispersion Period: 1 minute

Sample Handling

Thomas Jackson
3-9-07

ORIGIN ID: JOTA (708) 534-5200
BOTTLE PREP
SEVERN TRENT SERVICES
2413 BOND ST

UNIVERSITY PARK, IL 60466
UNITED STATES US

Ship Date: 08MAR07
ActWgt: 22.0 LB MAN
System#: 0033264/CAFE2308
Account: S 137134829

TO SAMPLE RECEIVING
STL BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON, VT 05403

(802) 660-1990

FedEx
Express

CLS022306/16/19

REF:
PO:
Inv:

Dept: PM

Delivery Address
Barcode

BILL SENDER

PRIORITY OVERNIGHT

FRI
Deliver By:
09MAR07

TRK# 6607 6563 5823 Form 0201

BTV AA

05403 -VT-US XH BTVA

Part # 156148-434 NRIT 12-05

FedEx PRIORITY OVERNIGHT FRI

Emp# 225043 01:51 09MAR07

Deliver By:
09MAR07

TRK# 6607 6563 5823 FORM 0201

BTV

05403 -VT-US XH BTVA

STL BURLINGTON
SAMPLE RECEIPT & LOG IN CHECKLIST

Client:	STLILC	Date Received:	3-9-07	Log In Date:	3-9-07
ETR:	119023	Time Received:	0930	By:	J.J.
SDG:	5003126	Received By:	J.J.	Signature:	Thomas Jackson
Project:	27002	# Coolers Received:	1	PM Signature:	Kristin Russell
Samples Delivered By: X Shipping Service ☐ Courier ☐ Hand ☐ Other (specify)				Date:	3/12/07

List Air bill Number(s) or Attach a photocopy of the Air Bill:

COOLER SCREEN	YES	NO	NA	COMMENTS
There is ***no*** evidence to indicate tampering	X			
Custody seals are present and intact	X			
Custody seal numbers are present	X			

If yes, list custody seal numbers: 958774, 958934

Thermal Preservation Type: X Wet Ice ☐ Blue Ice ☐ None ☐ Other (specify)

IR Gun ID:	62	Correction Factor (CF) =	Ø °C				
Cooler 1:	1.7 °C	Cooler 6	°C	Cooler 11	°C	Cooler 16	°C
Cooler 2:	°C	Cooler 7	°C	Cooler 12	°C	Cooler 17	°C
Cooler 3:	°C	Cooler 8	°C	Cooler 13	°C	Cooler 18	°C
Cooler 4:	°C	Cooler 9	°C	Cooler 14	°C	Cooler 19	°C
Cooler 5	°C	Cooler 10	°C	Cooler 15	°C	Cooler 20	°C

Unless otherwise documented, the recorded temperature readings are adjusted readings to account for the CF of the IR Gun

EPA Criteria: 0-6°C, except for air and geo samples which should be at ambient temperature and tissue samples, which may be frozen.

Some clients require thermal preservation criteria of 2-4°C or other such criteria. The PM must notify SM when alternate criteria is specified.

SAMPLE CONDITION	YES	NO	NA	COMMENTS
Sample containers were received intact	X			
Legible sample labels are affixed to each container	X			

CHAIN OF CUSTODY (COC)	YES	NO	NA	COMMENTS
COC is present and includes the following information for each container:				
• Sample ID / Sample Description	X			
• Date of Sample Collection	X			
• Time of Sample Collection	X			
• Identification of the Sampler		X		
• Preservation Type			X	
• Requested Tests Method(s)	X			
• Necessary Signatures	X			
Internal Chain of Custody (ICOC) Required		X		
If yes to above, ICOC Record initiated for every Worksheet			X	

SAMPLE INTEGRITY / USABILITY	YES	NO	NA	COMMENTS
The sample container matches the COC	X	X		See below
Appropriate sample containers were received for the tests requested	X			
Samples were received within holding time	X			
Sufficient amount of sample is provided for requested analyses	X			
VOA vials do not have headspace or a bubble >6mm (1/4" diameter)			X	
Appropriate preservatives were used for the tests requested			X	
pH of inorganic samples checked and is within method specification			X	
If no, attach Inorganic Sample pH Adjustment Form			X	

ANOMALY / NCR SUMMARY

Sample collection time is not listed on the sample labels. Logged in using time from COC.

Last Page of this Document

ANALYTICAL REPORT

Job Number: 500-391D-9

Job secirptnpoW: akugeSkW lFpt 3

&or:
sepSkW A .ccoipknec
900 lG ,eWecee lnG
akugeSkWI L6 D0085

.nneWnpoW: ,kry sepSkW

Rpihkrd C arpShn
Projein MkWkSer LL
rwrpShn@cnF-pWiGiom

03/92/1007

Projein MkWkSer: Rpihkrd C arpShn

Thece necn recuFnc meen kFF nhe requpremeWnc of NE6.C for kiiredpned tkrkmenercG

The 6kb CernpfpiknpoW Ls# pc 900109G

.FF quecnpoWc reSkrdpWS nhpc necn retorn chouFd be dpreined no nhe lT6 Projein MkWkSer whoce cpSWknure kttekrc oW nhpc retornG .F tkSec of nhpc retorn kre pWneSrkF tkrnc of nhe kWkFynpikF dknkG ThereforeI nhpc retorn chouFd be retroduied oWFy pW pnc eWnprenyG

RetornpWS Fpmpnc kre kdjucned for ckmtFe cpze ucedI dpFunpoWc kWd mopcnure ioWneWn pf kttFpikbFeG

ANLYTICA LLNRE

Job Numeeer b:5Ne0e-3391b5u 3 D9secips tmeeenWWakgSlag

TniCAntaOeCbo	POSevrCAntaOeCb	POSevrCLnrsS,	onrec.SteC AntaOe	onrec.SteC Re eS e
nWWakgSlaS	.GaWk,kI	L9ob6	WkFWIFSWW&eeglWWWkFWAFSWW&eegWWW	
nWWakgSla8	.GaWk,SWI	L9ob6	WkFWIFSWW&eeglSn	WkFWAFSWW&eegWWW

ANLYTIC IARTEA

Gary Deigan
Deigan & Associates
100 S. Genesee St.
Waukegan, IL 60085

Job Number: 500-3196-1

Client Sample ID: 6,-0323.
baB Sample ID: 500-391L-1

Date Samdpev: 03/06/9002 1600
Date 7eceiRev: 03/08/9002 1000
lpient PatriC: Sopiv

Analyte	Result/Qualifier	Unit	4Db	Rb	Dilution
4et'oM: D-119L	Date AnapyMev:	03/1x/9002 1610			
zercent Poisture	3.5	B	0.10	0.10	1.0

Gary Deigan
Deigan & Associates
100 S. Genesee St.
Waukegan, IL 60085

Job Number: 500-3196-1

Client Sample ID: 6,-03210.
baB Sample ID: 500-391L-h

Date Samdpev: 03/06/9002 1695
Date 7eceiRev: 03/08/9002 1000
lpient PatriC: Sopiv

Analyte	Result/Qualifier	Unit	4Db	Rb	Dilution
4et'oM: D-119L	Date AnapyMev:	03/1x/9002 1610			
zercent Poisture	1x	B	0.10	0.10	1.0

ANLYTIC REPIOEY OSeNYIe

Job Numeeer b:5Ne0e-3391b5u 3 D9secips tmeeenWWakgSlag

AR rvvEnTLITEP tNaaLOC

bLo tLaiYe s,	RYTePI tLaiYe s,	SeiEOI □LvTv	RYTePI cLIOT.	cel□ E□	□Oei □LIn□
□ePeOLY R□ eaTvIOC					
rPLYCvTv □LIn□ □□□□□□□□□□					
nWWakgSlaS	A.aWkGk,	I	F9ob&	raSSgl	
nWWakgSlaL	A.aWkGSW,	I	F9ob&	raSSgl	

SeiEOI □LvTv
Ie6eI9u5o

t□b R□ TnL□E

SEVERN TRENT **STL**

STL Chicago
2417 Bond Street
University Park, IL 60466
Phone: 708-534-5200
Fax: 708-534-5211

Report To:
Contact: Gary Deigan
Company: Deigan & Assoc.
Address: 100 S. Genesee
Waukegan IL 60085
Phone: (847) 623-9356
Fax: (") " - 9355
E-Mail:

Bill To:
Contact: SAME
Company:
Address:
Phone:
Fax:
PO#: Quote:

Shaded Areas For Internal Use Only 1 of 1

Lab Lot# 500-3126

Package Sealed	Samples Sealed
Yes (No)	Yes (No)
Received on Ice	**Samples Intact**
(Yes) No	(Yes) No

Temperature °C of Cooler 3.3

Within Hold Time	Preserv. Indicated
(Yes) No	(Yes) No NA
pH Check OK	**Res Cl_2 Check OK**
Yes No (NA)	Yes No (NA)

Sample Labels and COC Agree: (Yes) No COC not present

Sampler Name: Kerry VanAllen
Signature:
Project Name: Waukegan Harbor
Project Number:
Project Location: Waukegan IL
Lab PM: D. Wright
Date Required Hard Copy: __/__/__ Fax: __/__/__

Laboratory ID	MS-MSD	Client Sample ID	Sampling Date	Sampling Time	Matrix	Comp/Grab	Grain Size & Hydrometer	Moisture Content	Additional Analyses / Remarks
1		GB-03, 3.4'	3-5-07	4.20	S	C	✓	✓	
2		GB-03, 3'	↓	4.00	S	G		✓	
3		GB-03, 20-21'	↓	4.25	S	C	✓		
4		GB-03, 20'	↓	4.25	S	G		✓	

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
[signature]	Deigan Assoc. Inc	3/8/07		[signature]	STL	03/08/07	1000
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME

Matrix Key
WW = Wastewater
W = Water
S = Soil
SL = Sludge
MS = Miscellaneous
OL = Oil
A = Air
SE = Sediment
SO = Solid
DS = Drum Solid
DL = Drum Liquid
L = Leachate
WI = Wipe
O = _____

Container Key
1. Plastic
2. VOA Vial
3. Sterile Plastic
4. Amber Glass
5. Widemouth Glass
6. Other _____

Preservative Key
1. HCl, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. Cool to 4°
7. None

COMMENTS

Date Received 3/8/07
Courier: STL **Hand Delivered** ☒
Bill of Lading

ANLYTIC REAPIOPSPYEeISvPSrIAYCe

Job Numeeer b:5Ne0e-3391b5u 3 D9secips tmeeenWWakgSlag

As□i,ITt□ □a□□ I□□□□I

ntabois,	ec.cT	Ss□ □ a,o
F5&b951ubAbu.e buG te,53eN9uep 53it &e9tIebLep 53it &Ieb3e5ue9tes o9,es516:t9bN&		
8G e199o ty3e1i3u9&.e3 5oIebLeRt 3 NuIeb3ebNu51uh	d5o3	
8G e199o te9te35pRo 3e&9eN9ue5RR 5teu9eG5A es Ne19pRt9pb3 &e9teu5pR t &tjbuGh		
C5pRo 3e, t et 1 bA &e9Neb1 h	8ti	khk
J99o te8 pR t5uit eb3e511 Ru5so h	8ti	
J99o te8 pR t5uit eb3et 19t& &h	8ti	
JPJeb3eRt 3 Nuh	8ti	
JPJeb3eLboo &e9iuebNebN6e5N&eo :bso h	8ti	
JPJeb3eLboo &e9iue,buGe5ooeR tubN NuebNL9tp5ub9Nh	8ti	
8G t e5t eN9e&b31t R5N1b 3es u, NeuG e35pRo ejr3e9NeuG e19Nu5bN t3e5N&eu3 e JPJh	8ti	
C5pRo 3e5t et 1 bA &e,buGbNeM9o&bN:e8bp h	8ti	
C5pRo e19Nu5bN t3eG5A eo :bso eo5s o3h	8ti	
J9Nu5bN t3e5t eN9uest96 Ne9teo 56bN:h	8ti	
C5pRo e19oo 1ub9Ne&5u wubp 3e5t eRt9Ab& &h	8ti	
-RRt9Rtb5u e35pRo e19Nu5bN t3e5t ei3 &h	8ti	
C5pRo es9uuo 3e5t e19pRo u o.eLboo &h	8ti	
8G t eb3e3iLLb1b NueA9oheL9te5ooet @i 3u &e5N5o.3 3IebN1ohe5N.et @i 3u &e/Ctw/Cr3		
2P-e35pRo eAb5o3e&9eN9ueG5A eG 5&3R51 e9tesisso eb3e7IppeTgwqfEebNe&b5p u th		
jLeN 1 335t.Ie3u5LLeG5A es NebNL9tp &e9Le5N.e3G9tueG9o&eubp e9te@ib16e8eeN &3		
/ioubRG53b1e35pRo 3e5t eN9ueRt 3 Nuh	8ti	
C5pRo 3e&9eN9uet @ibt e3RobuubN:e9te19pR93bubN:h	8ti	