



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

**Region 2 Laboratory
2890 Woodbridge Avenue
Edison , New Jersey 08837
732-906-6886 Phone
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April 10, 2013

Terry Kish
Weston Solutions Inc.
1090 King Georges Post Road, Suite 201
Edison, NJ 08837

RE: 18 Mile Creek - 1303085

Enclosed are the results of analyses for samples received by the laboratory on 03/15/2013. The signature below reflects the laboratory's approval of the reported results. If you have any questions concerning this report, please refer to Project Number 1303085 and contact John Birri by phone at 732-906-6886, or via Email at birri.john@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "John R. Bourbon".

John R. Bourbon
Chief, DESA/LB



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Project:18 Mile Creek - 1303085

Project Number: 1303085

Project Narrative:

The National Environmental Laboratory Accreditation Conference Institute (TNI) is a voluntary environmental laboratory accreditation association of State and Federal agencies. TNI established and promoted a National Environmental Laboratory Accreditation Program (NELAP) that provides a uniform set of standards for the generation of environmental data that are of known and defensible quality. The EPA Region 2 Laboratory is NELAP accredited. The Laboratory tests that are accredited have met all the requirements established under the TNI Standards.

Condition Comments

None

Comment(s):

None

Data Qualifier(s):

- U- The analyte was not detected at or above the Reporting Limit.
- J- The identification of the analyte is acceptable; the reported value is an estimate.
- K- The identification of the analyte is acceptable; the reported value may be biased high.
- L- The identification of the analyte is acceptable; the reported value may be biased low.
- NJ- There is presumptive evidence that the analyte is present; the analyte is reported as a tentative identification. The reported value is an estimate.

Reporting Limit(s):

The Laboratory was able to achieve the appropriate limits for each analyte requested.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Project:18 Mile Creek - 1303085

Project Number: 1303085

SUMMARY REPORT FOR SAMPLES

Field ID	Laboratory ID	Matrix	Date Sampled	Date Received
P002-S001-0006-001	1303085-01	Solid	03/13/2013 09:30	03/15/2013 09:40
P002-S001-0006-002	1303085-02	Solid	03/13/2013 09:40	03/15/2013 09:40
P003-S001-0006-001	1303085-03	Solid	03/13/2013 10:05	03/15/2013 09:40
P004-S001-0006-001	1303085-04	Solid	03/13/2013 10:20	03/15/2013 09:40
P005-S001-0006-001	1303085-05	Solid	03/13/2013 10:45	03/15/2013 09:40
P006-S001-0006-001	1303085-06	Solid	03/13/2013 11:20	03/15/2013 09:40
P007-S001-0006-001	1303085-07	Solid	03/13/2013 11:50	03/15/2013 09:40
P008-S001-0006-001	1303085-08	Solid	03/13/2013 12:15	03/15/2013 09:40
P009-S001-0006-001	1303085-09	Solid	03/13/2013 12:40	03/15/2013 09:40
RB-03132013	1303085-10	Aqueous	03/13/2013 12:55	03/15/2013 09:40



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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Project: 18 Mile Creek - 1303085

Project Number: 1303085

SUMMARY REPORT FOR METHODS

Analysis	Method	Certification	Matrix
Mercury	EPA 245.1 / SOP C-110 Rev2.3	NELAP	Aqueous
Mercury	EPA 245.1 / SOP C-110 Rev2.3	NELAP	Solid
E-Metals ICP TAL	EPA 200.7 / SOP C-109 Rev3.2	NELAP	Aqueous
E-Metals ICP TAL	EPA 200.7 / SOP C-109 Rev3.2	NELAP	Solid
E-PCB Aroclors	EPA 608 / SOP C-91 Rev3.1		Aqueous
E-PCB Aroclors	EPA 608 / SOP C-91 Rev3.1	NELAP	Solid



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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Project:18 Mile Creek - 1303085

Project Number: 1303085

Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: P002-S001-0006-001

Sample ID: 1303085-01

PCB Aroclors GC

Aroclor 1016	---	U	40	ug/kg dry
Aroclor 1221	---	U	80	ug/kg dry
Aroclor 1232	---	U	40	ug/kg dry
Aroclor 1242	---	U	40	ug/kg dry
Aroclor 1248	---	U	40	ug/kg dry
Aroclor 1254	---	U	40	ug/kg dry
Aroclor 1260	---	U	40	ug/kg dry
Aroclor 1262	---	U	40	ug/kg dry
Aroclor 1268	---	U	40	ug/kg dry

Metals ICP

Aluminum	6800		11	mg/kg dry
Antimony	---	U	2.1	mg/kg dry
Arsenic	16		0.85	mg/kg dry
Barium	150		11	mg/kg dry
Beryllium	0.61		0.32	mg/kg dry
Cadmium	0.66		0.32	mg/kg dry
Calcium	30000		53	mg/kg dry
Chromium	20		0.53	mg/kg dry
Cobalt	7.3		2.1	mg/kg dry
Copper	120		1.1	mg/kg dry
Iron	20000		5.3	mg/kg dry



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Project: 18 Mile Creek - 1303085

Project Number: 1303085

Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: P002-S001-0006-001

Sample ID: 1303085-01

Metals ICP

Lead	210		0.85	mg/kg dry
Magnesium	8600		53	mg/kg dry
Manganese	1200		0.53	mg/kg dry
Nickel	24		2.1	mg/kg dry
Potassium	1200		53	mg/kg dry
Selenium	---	U	2.1	mg/kg dry
Sodium	110		110	mg/kg dry
Silver	---	U	0.53	mg/kg dry
Thallium	---	U	2.1	mg/kg dry
Vanadium	19		2.1	mg/kg dry
Zinc	180		2.1	mg/kg dry

Mercury CVAA

Mercury	0.43		0.047	mg/kg dry
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Field ID: P002-S001-0006-002

Sample ID: 1303085-02

PCB Aroclors GC

Aroclor 1016	---	U	40	ug/kg dry
Aroclor 1221	---	U	80	ug/kg dry
Aroclor 1232	---	U	40	ug/kg dry
Aroclor 1242	---	U	40	ug/kg dry
Aroclor 1248	---	U	40	ug/kg dry
Aroclor 1254	---	U	40	ug/kg dry
Aroclor 1260	---	U	40	ug/kg dry



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Project: 18 Mile Creek - 1303085

Project Number: 1303085

Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: P002-S001-0006-002

Sample ID: 1303085-02

PCB Aroclors GC

Aroclor 1262	---	U	40	ug/kg dry
Aroclor 1268	---	U	40	ug/kg dry

Metals ICP

Aluminum	7000		11	mg/kg dry
Antimony	---	U	2.1	mg/kg dry
Arsenic	16		0.84	mg/kg dry
Barium	150		11	mg/kg dry
Beryllium	0.63		0.32	mg/kg dry
Cadmium	0.66		0.32	mg/kg dry
Calcium	31000		53	mg/kg dry
Chromium	21		0.53	mg/kg dry
Cobalt	7.5		2.1	mg/kg dry
Copper	120		1.1	mg/kg dry
Iron	21000		5.3	mg/kg dry
Lead	230		0.84	mg/kg dry
Magnesium	11000		53	mg/kg dry
Manganese	1200		0.53	mg/kg dry
Nickel	24		2.1	mg/kg dry
Potassium	1300		53	mg/kg dry
Selenium	---	U	2.1	mg/kg dry
Sodium	110		110	mg/kg dry
Silver	---	U	0.53	mg/kg dry
Thallium	---	U	2.1	mg/kg dry
Vanadium	20		2.1	mg/kg dry



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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Project: 18 Mile Creek - 1303085

Project Number: 1303085

Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: P002-S001-0006-002

Sample ID: 1303085-02

Metals ICP

Zinc	190		2.1	mg/kg dry
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Mercury CVAA

Mercury	0.41		0.046	mg/kg dry
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Field ID: P003-S001-0006-001

Sample ID: 1303085-03

PCB Aroclors GC

Aroclor 1016	---	U	39	ug/kg dry
Aroclor 1221	---	U	78	ug/kg dry
Aroclor 1232	---	U	39	ug/kg dry
Aroclor 1242	---	U	39	ug/kg dry
Aroclor 1248	---	U	39	ug/kg dry
Aroclor 1254	---	U	39	ug/kg dry
Aroclor 1260	---	U	39	ug/kg dry
Aroclor 1262	---	U	39	ug/kg dry
Aroclor 1268	---	U	39	ug/kg dry

Metals ICP

Aluminum	7400		10	mg/kg dry
Antimony	---	U	2.0	mg/kg dry
Arsenic	13		0.81	mg/kg dry
Barium	250		10	mg/kg dry
Beryllium	0.55		0.30	mg/kg dry
Cadmium	0.75		0.30	mg/kg dry
Calcium	42000		50	mg/kg dry



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Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: P003-S001-0006-001

Sample ID: 1303085-03

Metals ICP

Chromium	19		0.50	mg/kg dry
Cobalt	6.1		2.0	mg/kg dry
Copper	85		1.0	mg/kg dry
Iron	18000		5.0	mg/kg dry
Lead	420		0.81	mg/kg dry
Magnesium	9300		50	mg/kg dry
Manganese	1100		0.50	mg/kg dry
Nickel	20		2.0	mg/kg dry
Potassium	1200		50	mg/kg dry
Selenium	---	U	2.0	mg/kg dry
Sodium	120		100	mg/kg dry
Silver	---	U	0.50	mg/kg dry
Thallium	---	U	2.0	mg/kg dry
Vanadium	18		2.0	mg/kg dry
Zinc	300		2.0	mg/kg dry

Mercury CVAA

Mercury	0.48		0.043	mg/kg dry
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Field ID: P004-S001-0006-001

Sample ID: 1303085-04

PCB Aroclors GC

Aroclor 1016	---	U	43	ug/kg dry
Aroclor 1221	---	U	87	ug/kg dry
Aroclor 1232	---	U	43	ug/kg dry



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Project: 18 Mile Creek - 1303085

Project Number: 1303085

Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: P004-S001-0006-001

Sample ID: 1303085-04

PCB Aroclors GC

Aroclor 1242	---	U	43	ug/kg dry
Aroclor 1248	---	U	43	ug/kg dry
Aroclor 1254	---	U	43	ug/kg dry
Aroclor 1260	---	U	43	ug/kg dry
Aroclor 1262	---	U	43	ug/kg dry
Aroclor 1268	---	U	43	ug/kg dry

Metals ICP

Aluminum	8900		11	mg/kg dry
Antimony	---	U	2.2	mg/kg dry
Arsenic	14		0.89	mg/kg dry
Barium	100		11	mg/kg dry
Beryllium	0.69		0.33	mg/kg dry
Cadmium	0.71		0.33	mg/kg dry
Calcium	7600		55	mg/kg dry
Chromium	22		0.55	mg/kg dry
Cobalt	8.3		2.2	mg/kg dry
Copper	88		1.1	mg/kg dry
Iron	23000		5.5	mg/kg dry
Lead	260		0.89	mg/kg dry
Magnesium	3800		55	mg/kg dry
Manganese	1100		0.55	mg/kg dry
Nickel	24		2.2	mg/kg dry
Potassium	2000		55	mg/kg dry



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Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: P004-S001-0006-001

Sample ID: 1303085-04

Metals ICP

Selenium	---	U	2.2	mg/kg dry
Sodium	---	U	110	mg/kg dry
Silver	---	U	0.55	mg/kg dry
Thallium	---	U	2.2	mg/kg dry
Vanadium	20		2.2	mg/kg dry
Zinc	160		2.2	mg/kg dry

Mercury CVAA

Mercury	0.33		0.048	mg/kg dry
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Field ID: P005-S001-0006-001

Sample ID: 1303085-05

PCB Aroclors GC

Aroclor 1016	---	U	39	ug/kg dry
Aroclor 1221	---	U	78	ug/kg dry
Aroclor 1232	---	U	39	ug/kg dry
Aroclor 1242	---	U	39	ug/kg dry
Aroclor 1248	---	U	39	ug/kg dry
Aroclor 1254	---	U	39	ug/kg dry
Aroclor 1260	---	U	39	ug/kg dry
Aroclor 1262	---	U	39	ug/kg dry
Aroclor 1268	---	U	39	ug/kg dry

Metals ICP

Aluminum	6300		10	mg/kg dry
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Project: 18 Mile Creek - 1303085

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Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: P005-S001-0006-001

Sample ID: 1303085-05

Metals ICP

Antimony	---	U	2.1	mg/kg dry
Arsenic	12		0.84	mg/kg dry
Barium	130		10	mg/kg dry
Beryllium	0.63		0.31	mg/kg dry
Cadmium	1.2		0.31	mg/kg dry
Calcium	61000		52	mg/kg dry
Chromium	22		0.52	mg/kg dry
Cobalt	6.1		2.1	mg/kg dry
Copper	130		1.0	mg/kg dry
Iron	20000		5.2	mg/kg dry
Lead	470		0.84	mg/kg dry
Magnesium	32000		52	mg/kg dry
Manganese	1100		0.52	mg/kg dry
Nickel	25		2.1	mg/kg dry
Potassium	1100		52	mg/kg dry
Selenium	---	U	2.1	mg/kg dry
Sodium	430		100	mg/kg dry
Silver	---	U	0.52	mg/kg dry
Thallium	---	U	2.1	mg/kg dry
Vanadium	18		2.1	mg/kg dry
Zinc	300		2.1	mg/kg dry

Mercury CVAA

Mercury	0.40		0.046	mg/kg dry
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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Project: 18 Mile Creek - 1303085

Project Number: 1303085

Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: P006-S001-0006-001

Sample ID: 1303085-06

PCB Aroclors GC

Aroclor 1016	---	U	37	ug/kg dry
Aroclor 1221	---	U	74	ug/kg dry
Aroclor 1232	---	U	37	ug/kg dry
Aroclor 1242	---	U	37	ug/kg dry
Aroclor 1248	---	U	37	ug/kg dry
Aroclor 1254	---	U	37	ug/kg dry
Aroclor 1260	---	U	37	ug/kg dry
Aroclor 1262	---	U	37	ug/kg dry
Aroclor 1268	---	U	37	ug/kg dry

Metals ICP

Aluminum	6000		9.2	mg/kg dry
Antimony	---	U	1.8	mg/kg dry
Arsenic	10		0.73	mg/kg dry
Barium	89		9.2	mg/kg dry
Beryllium	0.37		0.28	mg/kg dry
Cadmium	---	U	0.28	mg/kg dry
Calcium	23000		46	mg/kg dry
Chromium	12		0.46	mg/kg dry
Cobalt	6.6		1.8	mg/kg dry
Copper	33		0.92	mg/kg dry
Iron	14000		4.6	mg/kg dry
Lead	95		0.73	mg/kg dry
Magnesium	6000		46	mg/kg dry



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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Project: 18 Mile Creek - 1303085

Project Number: 1303085

Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: P006-S001-0006-001

Sample ID: 1303085-06

Metals ICP

Manganese	960		0.46	mg/kg dry
Nickel	12	J	1.8	mg/kg dry
Potassium	800		46	mg/kg dry
Selenium	---	U	1.8	mg/kg dry
Sodium	---	U	92	mg/kg dry
Silver	---	U	0.46	mg/kg dry
Thallium	---	U	1.8	mg/kg dry
Vanadium	17		1.8	mg/kg dry
Zinc	98		1.8	mg/kg dry

Mercury CVAA

Mercury	0.18		0.035	mg/kg dry
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Field ID: P007-S001-0006-001

Sample ID: 1303085-07

PCB Aroclors GC

Aroclor 1016	---	U	48	ug/kg dry
Aroclor 1221	---	U	96	ug/kg dry
Aroclor 1232	---	U	48	ug/kg dry
Aroclor 1242	---	U	48	ug/kg dry
Aroclor 1248	---	U	48	ug/kg dry
Aroclor 1254	---	U	48	ug/kg dry
Aroclor 1260	---	U	48	ug/kg dry
Aroclor 1262	---	U	48	ug/kg dry
Aroclor 1268	---	U	48	ug/kg dry



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Project: 18 Mile Creek - 1303085

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Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: P007-S001-0006-001

Sample ID: 1303085-07

PCB Aroclors GC

Metals ICP

Aluminum	5600		13	mg/kg dry
Antimony	---	U	2.5	mg/kg dry
Arsenic	5.5		1.0	mg/kg dry
Barium	94		13	mg/kg dry
Beryllium	0.46		0.38	mg/kg dry
Cadmium	0.73		0.38	mg/kg dry
Calcium	19000		63	mg/kg dry
Chromium	15		0.63	mg/kg dry
Cobalt	6.0		2.5	mg/kg dry
Copper	170		1.3	mg/kg dry
Iron	15000		6.3	mg/kg dry
Lead	150		1.0	mg/kg dry
Magnesium	6300		63	mg/kg dry
Manganese	810		0.63	mg/kg dry
Nickel	22		2.5	mg/kg dry
Potassium	1600		63	mg/kg dry
Selenium	---	U	2.5	mg/kg dry
Sodium	---	U	130	mg/kg dry
Silver	---	U	0.63	mg/kg dry
Thallium	---	U	2.5	mg/kg dry
Vanadium	16		2.5	mg/kg dry
Zinc	210		2.5	mg/kg dry



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Analyte	Result	Qualifier	Reporting Limit	Units
Field ID: P007-S001-0006-001		Sample ID: 1303085-07		

Mercury CVAA

Mercury	0.22		0.045	mg/kg dry
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Field ID: P008-S001-0006-001	Sample ID: 1303085-08
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PCB Aroclors GC

Aroclor 1016	---	U	38	ug/kg dry
Aroclor 1221	---	U	76	ug/kg dry
Aroclor 1232	---	U	38	ug/kg dry
Aroclor 1242	---	U	38	ug/kg dry
Aroclor 1248	---	U	38	ug/kg dry
Aroclor 1254	---	U	38	ug/kg dry
Aroclor 1260	---	U	38	ug/kg dry
Aroclor 1262	---	U	38	ug/kg dry
Aroclor 1268	---	U	38	ug/kg dry

Metals ICP

Aluminum	4700		10	mg/kg dry
Antimony	---	U	2.0	mg/kg dry
Arsenic	5.2		0.81	mg/kg dry
Barium	130		10	mg/kg dry
Beryllium	0.33		0.30	mg/kg dry
Cadmium	0.72		0.30	mg/kg dry
Calcium	43000		50	mg/kg dry
Chromium	19		0.50	mg/kg dry
Cobalt	5.2		2.0	mg/kg dry



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Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: P008-S001-0006-001

Sample ID: 1303085-08

Metals ICP

Copper	100		1.0	mg/kg dry
Iron	15000		5.0	mg/kg dry
Lead	240		0.81	mg/kg dry
Magnesium	19000		50	mg/kg dry
Manganese	710		0.50	mg/kg dry
Nickel	21		2.0	mg/kg dry
Potassium	1200		50	mg/kg dry
Selenium	---	U	2.0	mg/kg dry
Sodium	320		100	mg/kg dry
Silver	---	U	0.50	mg/kg dry
Thallium	---	U	2.0	mg/kg dry
Vanadium	15		2.0	mg/kg dry
Zinc	320		2.0	mg/kg dry

Mercury CVAA

Mercury	0.24		0.039	mg/kg dry
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Field ID: P009-S001-0006-001

Sample ID: 1303085-09

PCB Aroclors GC

Aroclor 1016	---	U	49	ug/kg dry
Aroclor 1221	---	U	98	ug/kg dry
Aroclor 1232	---	U	49	ug/kg dry
Aroclor 1242	---	U	49	ug/kg dry
Aroclor 1248	---	U	49	ug/kg dry



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Project: 18 Mile Creek - 1303085

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Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: P009-S001-0006-001

Sample ID: 1303085-09

PCB Aroclors GC

Aroclor 1254	---	U	49	ug/kg dry
Aroclor 1260	---	U	49	ug/kg dry
Aroclor 1262	---	U	49	ug/kg dry
Aroclor 1268	---	U	49	ug/kg dry

Metals ICP

Aluminum	6000		12	mg/kg dry
Antimony	---	U	2.5	mg/kg dry
Arsenic	11		0.98	mg/kg dry
Barium	170		12	mg/kg dry
Beryllium	0.45		0.37	mg/kg dry
Cadmium	1.7		0.37	mg/kg dry
Calcium	16000		61	mg/kg dry
Chromium	33		0.61	mg/kg dry
Cobalt	8.3		2.5	mg/kg dry
Copper	61		1.2	mg/kg dry
Iron	15000		6.1	mg/kg dry
Lead	330		0.98	mg/kg dry
Magnesium	6300		61	mg/kg dry
Manganese	540		0.61	mg/kg dry
Nickel	44		2.5	mg/kg dry
Potassium	1400		61	mg/kg dry
Selenium	6.6		2.5	mg/kg dry
Sodium	130		120	mg/kg dry
Silver	---	U	0.61	mg/kg dry



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Project: 18 Mile Creek - 1303085

Project Number: 1303085

Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: P09-S001-0006-001

Sample ID: 1303085-09

Metals ICP

Thallium	---	U	2.5	mg/kg dry
Vanadium	22		2.5	mg/kg dry
Zinc	530		2.5	mg/kg dry

Mercury CVAA

Mercury	0.88		0.047	mg/kg dry
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Field ID: RB-03132013

Sample ID: 1303085-10

PCB Aroclors GC

Aroclor 1016	---	U	0.04	ug/L
Aroclor 1221	---	U	0.07	ug/L
Aroclor 1232	---	U	0.04	ug/L
Aroclor 1242	---	U	0.04	ug/L
Aroclor 1248	---	U	0.04	ug/L
Aroclor 1254	---	U	0.04	ug/L
Aroclor 1260	---	U	0.04	ug/L
Aroclor 1262	---	U	0.04	ug/L
Aroclor 1268	---	U	0.04	ug/L

Metals ICP

Aluminum	---	U	100	ug/L
Antimony	---	U J	20	ug/L
Arsenic	---	U	8.0	ug/L
Barium	---	U	100	ug/L



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Project: 18 Mile Creek - 1303085

Project Number: 1303085

Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: RB-03132013

Sample ID: 1303085-10

Metals ICP

Beryllium	---	U	3.0	ug/L
Cadmium	---	U	3.0	ug/L
Calcium	---	U	500	ug/L
Chromium	---	U	5.0	ug/L
Cobalt	---	U	20	ug/L
Copper	---	U	10	ug/L
Iron	---	U	50	ug/L
Lead	---	U	8.0	ug/L
Magnesium	---	U	500	ug/L
Manganese	---	U	5.0	ug/L
Nickel	---	U	20	ug/L
Potassium	---	U J	500	ug/L
Selenium	---	U	20	ug/L
Silver	---	U	5.0	ug/L
Sodium	---	U J	1000	ug/L
Thallium	---	U J	20	ug/L
Vanadium	---	U	20	ug/L
Zinc	---	U	20	ug/L

Mercury CVAA

Mercury	---	U	0.20	ug/L
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Project: 18 Mile Creek - 1303085

Project Number: 1303085

data_provider	sys_sample_code	sys_lab_code	sample_name	sample_matrix_code	sample_type_code	sample_source	parent_sample_code	sample_date	start_depth	end_depth	depth_unit	composite_sys	lab_and_method_name	analysis_date	total_or_disolved	test_type	lab_matrix_code	analysis_location	basis	dilution_factor	qc_level	lab_sample_id	cas_no	chemical_name	result_value	result_type_code	reportable_result	detect_flag	lab_qualifiers	validator_qualifiers	interpreted_qualifiers	validated_yr	reporting_detection_limit	result_unit	detection_limit_unit	method_detection_limit	quantitation_limit	task_code	lab_SDC	validation_level	
DESA	P002-S001-0006-001	P002-S001-0006-001	P002-S001-0006-001	Solid	Sample	FIELD		03/13/2013				N	EPA 608 / SOP C-91 Rev.1.1	03/20/2013 09:54 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-01	Aroclor 1816	40	TRG	Yes	N	U	U	U	U	Y	40	ug/kg	ug/kg	40	N/A	18 Mile Creek - 1303085			
DESA	P002-S001-0006-001	P002-S001-0006-001	P002-S001-0006-001	Solid	Sample	FIELD		03/13/2013				N	EPA 608 / SOP C-91 Rev.1.1	03/20/2013 09:54 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-01	Aroclor 1221	80	TRG	Yes	N	U	U	U	U	Y	80	ug/kg	ug/kg	80	N/A	18 Mile Creek - 1303085			
DESA	P002-S001-0006-001	P002-S001-0006-001	P002-S001-0006-001	Solid	Sample	FIELD		03/13/2013				N	EPA 608 / SOP C-91 Rev.1.1	03/20/2013 09:54 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-01	Aroclor 1232	40	TRG	Yes	N	U	U	U	U	Y	40	ug/kg	ug/kg	40	N/A	18 Mile Creek - 1303085			
DESA	P002-S001-0006-001	P002-S001-0006-001	P002-S001-0006-001	Solid	Sample	FIELD		03/13/2013				N	EPA 608 / SOP C-91 Rev.1.1	03/20/2013 09:54 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-01	Aroclor 1242	40	TRG	Yes	N	U	U	U	U	Y	40	ug/kg	ug/kg	40	N/A	18 Mile Creek - 1303085			
DESA	P002-S001-0006-001	P002-S001-0006-001	P002-S001-0006-001	Solid	Sample	FIELD		03/13/2013				N	EPA 608 / SOP C-91 Rev.1.1	03/20/2013 09:54 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-01	Aroclor 1248	40	TRG	Yes	N	U	U	U	U	Y	40	ug/kg	ug/kg	40	N/A	18 Mile Creek - 1303085			
DESA	P002-S001-0006-001	P002-S001-0006-001	P002-S001-0006-001	Solid	Sample	FIELD		03/13/2013				N	EPA 608 / SOP C-91 Rev.1.1	03/20/2013 09:54 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-01	Aroclor 1254	40	TRG	Yes	N	U	U	U	U	Y	40	ug/kg	ug/kg	40	N/A	18 Mile Creek - 1303085			
DESA	P002-S001-0006-001	P002-S001-0006-001	P002-S001-0006-001	Solid	Sample	FIELD		03/13/2013				N	EPA 608 / SOP C-91 Rev.1.1	03/20/2013 09:54 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-01	Aroclor 1262	40	TRG	Yes	N	U	U	U	U	Y	40	ug/kg	ug/kg	40	N/A	18 Mile Creek - 1303085			
DESA	P002-S001-0006-001	P002-S001-0006-001	P002-S001-0006-001	Solid	Sample	FIELD		03/13/2013				N	EPA 200.7 / SOP C-109 Rev.2	03/21/2013 19:18 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-01	Aroclor 1268	40	TRG	Yes	N	U	U	U	U	Y	40	ug/kg	ug/kg	40	N/A	18 Mile Creek - 1303085			
DESA	P002-S001-0006-001	P002-S001-0006-001	P002-S001-0006-001	Solid	Sample	FIELD		03/13/2013				N	EPA 200.7 / SOP C-109 Rev.2	03/21/2013 19:18 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-01	7429-90-5	Aluminum	6800	TRG	Yes	Y					Y	11	mg/kg	mg/kg	3.8	11	N/A	18 Mile Creek - 1303085	
DESA	P002-S001-0006-001	P002-S001-0006-001	P002-S001-0006-001	Solid	Sample	FIELD		03/13/2013				N	EPA 200.7 / SOP C-109 Rev.2	03/21/2013 19:18 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-01	7440-36-0	Antimony	2.1	TRG	Yes	N	U	U	U	U	Y	2.1	mg/kg	mg/kg	1.1	11	N/A	18 Mile Creek - 1303085	
DESA	P002-S001-0006-001	P002-S001-0006-001	P002-S001-0006-001	Solid	Sample	FIELD		03/13/2013				N	EPA 200.7 / SOP C-109 Rev.2	03/21/2013 19:18 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-01	7440-38-2	Arsenic	16	TRG	Yes	Y					Y	0.85	mg/kg	mg/kg	0.38	0.85	N/A	18 Mile Creek - 1303085	
DESA	P002-S001-0006-001	P002-S001-0006-001	P002-S001-0006-001	Solid	Sample	FIELD		03/13/2013				N	EPA 200.7 / SOP C-109 Rev.2	03/21/2013 19:18 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-01	7440-39-3	Barium	150	TRG	Yes	Y					Y	0.11	mg/kg	mg/kg	3.5	11	N/A	18 Mile Creek - 1303085	
DESA	P002-S001-0006-001	P002-S001-0006-001	P002-S001-0006-001	Solid	Sample	FIELD		03/13/2013				N	EPA 200.7 / SOP C-109 Rev.2	03/21/2013 19:18 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-01	7440-41-7	Beryllium	0.61	TRG	Yes	Y					Y	0.32	mg/kg	mg/kg	0.19	0.32	N/A	18 Mile Creek - 1303085	
DESA	P002-S001-0006-001	P002-S001-0006-001	P002-S001-0006-001	Solid	Sample	FIELD		03/13/2013				N	EPA 200.7 / SOP C-109 Rev.2	03/21/2013 19:18 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-01	7440-43-9	Cadmium	1.0	TRG	Yes	Y					Y	0.31	mg/kg	mg/kg	0.19	0.31	N/A	18 Mile Creek - 1303085	
DESA	P002-S001-0006-001	P002-S001-0006-001	P002-S001-0006-001	Solid	Sample	FIELD		03/13/2013				N	EPA 200.7 / SOP C-109 Rev.2	03/21/2013 19:18 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-01	7440-70-2	Calcium	30000	TRG	Yes	Y					Y	5.3	mg/kg	mg/kg	25	53	N/A	18 Mile Creek - 1303085	
DESA	P002-S001-0006-001	P002-S001-0006-001	P002-S001-0006-001	Solid	Sample	FIELD		03/13/2013				N	EPA 200.7 / SOP C-109 Rev.2	03/21/2013 19:18 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-01	7440-73-3	Chromium	20	TRG	Yes	Y					Y	0.53	mg/kg	mg/kg	0.38	0.53	N/A	18 Mile Creek - 1303085	
DESA	P002-S001-0006-001	P002-S001-0006-001	P002-S001-0006-001	Solid	Sample	FIELD		03/13/2013				N	EPA 200.7 / SOP C-109 Rev.2	03/21/2013 19:18 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-01	7440-74-4	Cobalt	7.3	TRG	Yes	Y					Y	2.1	mg/kg	mg/kg	0.6	2.1	N/A	18 Mile Creek - 1303085	
DESA	P002-S001-0006-001	P002-S001-0006-001	P002-S001-0006-001	Solid	Sample	FIELD		03/13/2013				N	EPA 200.7 / SOP C-109 Rev.2	03/21/2013 19:18 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-01	7440-50-8	Copper	120	TRG	Yes	Y					Y	1.1	mg/kg	mg/kg	0.59	1.1	N/A	18 Mile Creek - 1303085	
DESA	P002-S001-0006-001	P002-S001-0006-001	P002-S001-0006-001	Solid	Sample	FIELD		03/13/2013				N	EPA 200.7 / SOP C-109 Rev.2	03/21/2013 19:18 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-01	7439-89-6	Iron	20000	TRG	Yes	Y					Y	5.3	mg/kg	mg/kg	1.7	5.3	N/A	18 Mile Creek - 1303085	
DESA	P002-S001-0006-001	P002-S001-0006-001	P002-S001-0006-001	Solid	Sample	FIELD		03/13/2013				N	EPA 200.7 / SOP C-109 Rev.2	03/21/2013 19:18 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-01	7439-91-1	Lead	210	TRG	Yes	Y					Y	0.85	mg/kg	mg/kg	0.44	0.85	N/A	18 Mile Creek - 1303085	
DESA	P002-S001-0006-001	P002-S001-0006-001	P002-S001-0006-001	Solid	Sample	FIELD		03/13/2013				N	EPA 200.7 / SOP C-109 Rev.2	03/21/2013 19:18 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-01	7439-95-4	Magnesium	8600	TRG	Yes	Y					Y	5.3	mg/kg	mg/kg	1.8	5.3	N/A	18 Mile Creek - 1303085	
DESA	P002-S001-0006-001	P002-S001-0006-001	P002-S001-0006-001	Solid	Sample	FIELD		03/13/2013				N	EPA 200.7 / SOP C-109 Rev.2	03/21/2013 19:18 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-01	7439-96-5	Manganese	1200	TRG	Yes	Y					Y	0.53	mg/kg	mg/kg	0.39	0.53	N/A	18 Mile Creek - 1303085	
DESA	P002-S001-0006-001	P002-S001-0006-001	P002-S001-0006-001	Solid	Sample	FIELD		03/13/2013				N	EPA 200.7 / SOP C-109 Rev.2	03/21/2013 19:18 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-01	7440-02-0	Nickel	24	TRG	Yes	Y					Y	2.1	mg/kg	mg/kg	0.69	2.1	N/A	18 Mile Creek - 1303085	
DESA	P002-S001-0006-001	P002-S001-0006-001	P002-S001-0006-001	Solid	Sample	FIELD		03/13/2013				N	EPA 200.7 / SOP C-109 Rev.2	03/21/2013 19:18 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-01	7440-09-7	Potassium	1200	TRG	Yes	Y					Y	2.0	mg/kg	mg/kg	20	53	N/A	18 Mile Creek - 1303085	
DESA	P002-S001-0006-001	P002-S001-0006-001	P002-S001-0006-001	Solid	Sample	FIELD		03/13/2013				N	EPA 200.7 / SOP C-109 Rev.2	03/21/2013 19:18 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-01	782-49-2	Selenium	2.1	TRG	Yes	N	U	U	U	U	Y	5.3	mg/kg	mg/kg	1.3	5.3	N/A	18 Mile Creek - 1303085	
DESA	P002-S001-0006-001	P002-S001-0006-001	P002-S001-0006-001	Solid	Sample	FIELD		03/13/2013				N	EPA 200.7 / SOP C-109 Rev.2	03/21/2013 19:18 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-01	7440-23-5	Sodium	110	TRG	Yes	N	U	U	U	U	Y	2.1	mg/kg	mg/kg	20	53	N/A	18 Mile Creek - 1303085	
DESA	P002-S001-0006-001	P002-S001-0006-001	P002-S001-0006-001	Solid	Sample	FIELD		03/13/2013				N	EPA 200.7 / SOP C-109 Rev.2	03/21/2013 19:18 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-01	7440-29-0	Silver	0.53	TRG	Yes	N	U	U	U	U	Y	0.53	mg/kg	mg/kg	0.19	0.53	N/A	18 Mile Creek - 1303085	
DESA	P002-S001-0006-001	P002-S001-0006-001	P002-S001-0006-001	Solid	Sample	FIELD		03/13/2013				N	EPA 200.7 / SOP C-109 Rev.2	03/21/2013 19:18 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-01	7440-29-0	Thallium	2.1	TRG	Yes	N	U	U	U	U	Y	2.1	mg/kg	mg/kg	0.97	2.1	N/A	18 Mile Creek - 1303085	
DESA	P002-S001-0006-001	P002-S001-0006-001	P002-S001-0006-001	Solid	Sample	FIELD		03/13/2013				N	EPA 200.7 / SOP C-109 Rev.2	03/21/2013 19:18 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-01	7440-47-3	Chromium	21	TRG	Yes	Y					Y	0.53	mg/kg	mg/kg	0.38	0.53	N/A	18 Mile Creek - 1303085	
DESA	P002-S001-0006-001	P002-S001-0006-001	P002-S001-0006-001	Solid	Sample	FIELD		03/13/2013																																	

data_provider	sys_sample_code	sys_lab_code	sample_name	sample_matrix_code	sample_type_code	sample_source	parent_sample_code	sample_date	start_depth	end_depth	depth_unit	composite_yr	lab_and_method_name	analysis_date	total_or_disolved	test_type	lab_matrix_code	analysis_location	basis	dilution_factor	qc_level	lab_sample_id	cas_no	chemical_name	result_value	result_type_code	reportable_result	detect_flag	lab_qualifiers	validator_qualifiers	interpreted_qualifiers	validated_yr	reporting_detection_limit	result_unit	detection_limit_unit	method_detection_limit	quantitation_limit	task_code	lab_SDC	validation_level	
DESA	P005-S001-0006-001	P005-S001-0006-001	Solid	Sample	FIELD			03/13/2013				N	EPA 200.7 / SOP C-109 Rev3.2	03/21/2013 19:48 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-05	7782-482	Selenium	2.1	TRG	Yes	N	U	U	U	U	Y	100	mg/kg	mg/kg	1.3	2.1	N/A	18 Mile Creek - 1303085	
DESA	P005-S001-0006-001	P005-S001-0006-001	Solid	Sample	FIELD			03/13/2013				N	EPA 200.7 / SOP C-109 Rev3.2	03/21/2013 19:48 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-05	7440-230	Sodium	430	TRG	Yes	N	U	U	U	U	Y	2.1	mg/kg	mg/kg	0.96	2.1	N/A	18 Mile Creek - 1303085	
DESA	P005-S001-0006-001	P005-S001-0006-001	Solid	Sample	FIELD			03/13/2013				N	EPA 200.7 / SOP C-109 Rev3.2	03/21/2013 19:48 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-05	7440-222	Vanadium	18	TRG	Yes	N	U	U	U	U	Y	2.1	mg/kg	mg/kg	0.79	2.1	N/A	18 Mile Creek - 1303085	
DESA	P005-S001-0006-001	P005-S001-0006-001	Solid	Sample	FIELD			03/13/2013				N	EPA 200.7 / SOP C-109 Rev3.2	03/21/2013 19:48 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-05	7440-464	Zinc	340	TRG	Yes	N	U	U	U	U	Y	2.1	mg/kg	mg/kg	0.82	2.1	N/A	18 Mile Creek - 1303085	
DESA	P005-S001-0006-001	P005-S001-0006-001	Solid	Sample	FIELD			03/13/2013				N	EPA 245.1 / SOP C-110 Rev3.2	03/25/2013 13:39 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-05	7439-874	Mercury	0.40	TRG	Yes	Y					Y	0.046	mg/kg	ug/kg	0.0092	0.046	N/A	18 Mile Creek - 1303085	
DESA	P005-S001-0006-001	P005-S001-0006-001	Solid	QC Sample	FIELD			03/13/2013				N	EPA 608 / SOP C-91 Rev3.1	03/20/2013 09:54 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-06	Arcorid 1016	37	TRG	Yes	N	U	U	U	U	Y	37	ug/kg	ug/kg		37	N/A	18 Mile Creek - 1303085		
DESA	P005-S001-0006-001	P005-S001-0006-001	Solid	QC Sample	FIELD			03/13/2013				N	EPA 608 / SOP C-91 Rev3.1	03/20/2013 09:54 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-06	Arcorid 1221	37	TRG	Yes	N	U	U	U	U	Y	37	ug/kg	ug/kg		37	N/A	18 Mile Creek - 1303085		
DESA	P005-S001-0006-001	P005-S001-0006-001	Solid	QC Sample	FIELD			03/13/2013				N	EPA 608 / SOP C-91 Rev3.1	03/20/2013 09:54 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-06	Arcorid 1232	37	TRG	Yes	N	U	U	U	U	Y	37	ug/kg	ug/kg		37	N/A	18 Mile Creek - 1303085		
DESA	P005-S001-0006-001	P005-S001-0006-001	Solid	QC Sample	FIELD			03/13/2013				N	EPA 608 / SOP C-91 Rev3.1	03/20/2013 09:54 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-06	Arcorid 1242	37	TRG	Yes	N	U	U	U	U	Y	37	ug/kg	ug/kg		37	N/A	18 Mile Creek - 1303085		
DESA	P005-S001-0006-001	P005-S001-0006-001	Solid	QC Sample	FIELD			03/13/2013				N	EPA 608 / SOP C-91 Rev3.1	03/20/2013 09:54 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-06	Arcorid 1254	37	TRG	Yes	N	U	U	U	U	Y	37	ug/kg	ug/kg		37	N/A	18 Mile Creek - 1303085		
DESA	P005-S001-0006-001	P005-S001-0006-001	Solid	QC Sample	FIELD			03/13/2013				N	EPA 608 / SOP C-91 Rev3.1	03/20/2013 09:54 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-06	Arcorid 1260	37	TRG	Yes	N	U	U	U	U	Y	37	ug/kg	ug/kg		37	N/A	18 Mile Creek - 1303085		
DESA	P005-S001-0006-001	P005-S001-0006-001	Solid	QC Sample	FIELD			03/13/2013				N	EPA 608 / SOP C-91 Rev3.1	03/20/2013 09:54 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-06	Arcorid 1268	37	TRG	Yes	N	U	U	U	U	Y	37	ug/kg	ug/kg		37	N/A	18 Mile Creek - 1303085		
DESA	P005-S001-0006-001	P005-S001-0006-001	Solid	QC Sample	FIELD			03/13/2013				N	EPA 200.7 / SOP C-109 Rev3.2	03/21/2013 19:03 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-06	7429-90-5	Aluminum	6000	TRG	Yes	Y					Y	9.2	mg/kg	mg/kg	3.3	9.2	N/A	18 Mile Creek - 1303085	
DESA	P005-S001-0006-001	P005-S001-0006-001	Solid	QC Sample	FIELD			03/13/2013				N	EPA 200.7 / SOP C-109 Rev3.2	03/21/2013 19:03 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-06	7440-36-0	Antimony	1.9	TRG	Yes	N	U	U	U	U	Y	1.8	mg/kg	mg/kg	0.33	1.8	N/A	18 Mile Creek - 1303085	
DESA	P005-S001-0006-001	P005-S001-0006-001	Solid	QC Sample	FIELD			03/13/2013				N	EPA 200.7 / SOP C-109 Rev3.2	03/21/2013 19:03 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-06	7440-38-2	Arsenic	10	TRG	Yes	Y					Y	0.73	mg/kg	mg/kg	0.33	0.73	N/A	18 Mile Creek - 1303085	
DESA	P005-S001-0006-001	P005-S001-0006-001	Solid	QC Sample	FIELD			03/13/2013				N	EPA 200.7 / SOP C-109 Rev3.2	03/21/2013 19:03 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-06	7440-39-3	Barium	89	TRG	Yes	Y					Y	9.2	mg/kg	mg/kg	3.4	9.2	N/A	18 Mile Creek - 1303085	
DESA	P005-S001-0006-001	P005-S001-0006-001	Solid	QC Sample	FIELD			03/13/2013				N	EPA 200.7 / SOP C-109 Rev3.2	03/21/2013 19:03 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-06	7440-45-4	Cobalt	6.6	TRG	Yes	Y					Y	0.28	mg/kg	mg/kg	0.17	0.28	N/A	18 Mile Creek - 1303085	
DESA	P005-S001-0006-001	P005-S001-0006-001	Solid	QC Sample	FIELD			03/13/2013				N	EPA 200.7 / SOP C-109 Rev3.2	03/21/2013 19:03 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-06	7440-50-8	Copper	33	TRG	Yes	Y					Y	1.8	mg/kg	mg/kg	0.51	1.8	N/A	18 Mile Creek - 1303085	
DESA	P005-S001-0006-001	P005-S001-0006-001	Solid	QC Sample	FIELD			03/13/2013				N	EPA 200.7 / SOP C-109 Rev3.2	03/21/2013 19:03 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-06	7439-89-6	Iron	15000	TRG	Yes	Y					Y	4.6	mg/kg	mg/kg	1.5	4.6	N/A	18 Mile Creek - 1303085	
DESA	P005-S001-0006-001	P005-S001-0006-001	Solid	QC Sample	FIELD			03/13/2013				N	EPA 200.7 / SOP C-109 Rev3.2	03/21/2013 19:03 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-06	7439-92-1	Lead	95	TRG	Yes	Y					Y	0.73	mg/kg	mg/kg	0.39	0.73	N/A	18 Mile Creek - 1303085	
DESA	P005-S001-0006-001	P005-S001-0006-001	Solid	QC Sample	FIELD			03/13/2013				N	EPA 200.7 / SOP C-109 Rev3.2	03/21/2013 19:03 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-06	7439-95-4	Magnesium	6000	TRG	Yes	Y					Y	0.63	mg/kg	mg/kg	16	0.63	N/A	18 Mile Creek - 1303085	
DESA	P005-S001-0006-001	P005-S001-0006-001	Solid	QC Sample	FIELD			03/13/2013				N	EPA 200.7 / SOP C-109 Rev3.2	03/21/2013 19:03 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-06	7439-96-3	Manganese	60	TRG	Yes	Y					Y	0.46	mg/kg	mg/kg	0.46	0.46	N/A	18 Mile Creek - 1303085	
DESA	P005-S001-0006-001	P005-S001-0006-001	Solid	QC Sample	FIELD			03/13/2013				N	EPA 200.7 / SOP C-109 Rev3.2	03/21/2013 19:03 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-06	7440-02-0	Nickel	162	TRG	Yes	Y	J	J	J	J	Y	1.8	mg/kg	mg/kg	0.70	1.8	N/A	18 Mile Creek - 1303085	
DESA	P005-S001-0006-001	P005-S001-0006-001	Solid	QC Sample	FIELD			03/13/2013				N	EPA 200.7 / SOP C-109 Rev3.2	03/21/2013 19:03 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-06	7440-50-2	Potassium	800	TRG	Yes	Y					Y	4.6	mg/kg	mg/kg	17	4.6	N/A	18 Mile Creek - 1303085	
DESA	P005-S001-0006-001	P005-S001-0006-001	Solid	QC Sample	FIELD			03/13/2013				N	EPA 200.7 / SOP C-109 Rev3.2	03/21/2013 19:03 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-06	7440-23-5	Sodium	1.2	TRG	Yes	N	U	U	U	U	Y	0.92	mg/kg	mg/kg	31	0.92	N/A	18 Mile Creek - 1303085	
DESA	P005-S001-0006-001	P005-S001-0006-001	Solid	QC Sample	FIELD			03/13/2013				N	EPA 200.7 / SOP C-109 Rev3.2	03/21/2013 19:03 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-06	7440-23-4	Silver	0.46	TRG	Yes	N	U	U	U	U	Y	0.46	mg/kg	mg/kg	0.17	0.46	N/A	18 Mile Creek - 1303085	
DESA	P005-S001-0006-001	P005-S001-0006-001	Solid	QC Sample	FIELD			03/13/2013				N	EPA 200.7 / SOP C-109 Rev3.2	03/21/2013 19:03 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-06	7440-23-5	Sodium	1.2	TRG	Yes	N	U	U	U	U	Y	0.92	mg/kg	mg/kg	31	0.92	N/A	18 Mile Creek - 1303085	
DESA	P005-S001-0006-001	P005-S001-0006-001	Solid	QC Sample	FIELD			03/13/2013				N	EPA 200.7 / SOP C-109 Rev3.2	03/21/2013 19:03 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-06	7440-23-5	Sodium	1.2	TRG	Yes	N	U	U	U	U	Y	0.92	mg/kg	mg/kg	31	0.92	N/A	18 Mile Creek - 1303085	
DESA	P005-S001-0006-001	P005-S001-0006-001	Solid	QC Sample	FIELD			03/13/2013				N	EPA 200.7 / SOP C-109 Rev3.2	03/21/2013 19:03 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-06	7440-23-5	Sodium	1.2	TRG	Yes	N	U	U	U	U	Y	0.92	mg/kg	mg/kg	31	0.92	N/A	18 Mile Creek - 1303085	
DESA	P005-S001-0006-001	P005-S001-0006-001	Solid	QC Sample	FIELD			03/13/2013				N	EPA 200.7 / SOP C-109 Rev3.2	03/21/2013 19:03 T		INITIAL	Solid	LB	Dry	1	QUANT	1303085-06	7440-23-5	Sodium	1.2	TRG	Yes	N	U	U	U	U	Y	0.92	mg/kg	mg/kg	31	0.92	N/A	18 Mile Creek - 1303085	
DESA	P005-S001-0006-001	P005-S001-0006-001	Solid	QC Sample	FIELD																																				

data_provider	sys_sample_code	sys_loc_code	sample_name	sample_matrix_code	sample_type_code	sample_source	parent_sample_code	sample_date	start_depth	end_depth	depth_unit	composite_yr	lab_anl_method_name	analysis_date	total_or_dissolved	test_type	lab_matrix_code	analysis_location	basis	dilution_factor	qc_level	lab_sample_id	cas_no	chemical_name	result_value	result_type_code	reportable_result	select_flag	lab_qualifiers	validator_qualifiers	interpreted_qualifiers	validated_yr	reporting_detection_limit	result_unit	detection_limit_unit	method_detection_limit	quantitation_limit	task_code	lab_SDC	validation_level
DESA	RB-03132013		RB-03132013	Aqueous	Blank	FIELD		03/13/2013				N	EPA 200.7 / SOP C-109 Rev3.2	03/21/2013 22:51 T		INITIAL	Aqueous	LB	NA	1	QUANT	1303085-10	7440-508	Copper	10	TRG	Yes	N	U	U	U	Y	10	ug/L	ug/L	2.3	10	N/A	18 Mile Creek - 1303085	
DESA	RB-03132013		RB-03132013	Aqueous	Blank	FIELD		03/13/2013				N	EPA 200.7 / SOP C-109 Rev3.2	03/21/2013 22:51 T		INITIAL	Aqueous	LB	NA	1	QUANT	1303085-10	7439-89-6	Iron	50	TRG	Yes	N	U	U	U	Y	50	ug/L	ug/L	14	50	N/A	18 Mile Creek - 1303085	
DESA	RB-03132013		RB-03132013	Aqueous	Blank	FIELD		03/13/2013				N	EPA 200.7 / SOP C-109 Rev3.2	03/21/2013 22:51 T		INITIAL	Aqueous	LB	NA	1	QUANT	1303085-10	7439-92-1	Lead	5.0	TRG	Yes	N	U	U	U	Y	5.0	ug/L	ug/L	2.4	5.0	N/A	18 Mile Creek - 1303085	
DESA	RB-03132013		RB-03132013	Aqueous	Blank	FIELD		03/13/2013				N	EPA 200.7 / SOP C-109 Rev3.2	03/21/2013 22:51 T		INITIAL	Aqueous	LB	NA	1	QUANT	1303085-10	7439-95-4	Magnesium	500	TRG	Yes	N	U	U	U	Y	500	ug/L	ug/L	140	500	N/A	18 Mile Creek - 1303085	
DESA	RB-03132013		RB-03132013	Aqueous	Blank	FIELD		03/13/2013				N	EPA 200.7 / SOP C-109 Rev3.2	03/21/2013 22:51 T		INITIAL	Aqueous	LB	NA	1	QUANT	1303085-10	7439-96-5	Manganese	5.0	TRG	Yes	N	U	U	U	Y	5.0	ug/L	ug/L	3.0	5.0	N/A	18 Mile Creek - 1303085	
DESA	RB-03132013		RB-03132013	Aqueous	Blank	FIELD		03/13/2013				N	EPA 200.7 / SOP C-109 Rev3.2	03/21/2013 22:51 T		INITIAL	Aqueous	LB	NA	1	QUANT	1303085-10	7440-52-0	Nickel	20	TRG	Yes	N	U	U	U	Y	20	ug/L	ug/L	5.4	20	N/A	18 Mile Creek - 1303085	
DESA	RB-03132013		RB-03132013	Aqueous	Blank	FIELD		03/13/2013				N	EPA 200.7 / SOP C-109 Rev3.2	03/21/2013 22:51 T		INITIAL	Aqueous	LB	NA	1	QUANT	1303085-10	7440-09-7	Potassium	500	TRG	Yes	N	UJ	UJ	UJ	Y	500	ug/L	ug/L	150	500	N/A	18 Mile Creek - 1303085	
DESA	RB-03132013		RB-03132013	Aqueous	Blank	FIELD		03/13/2013				N	EPA 200.7 / SOP C-109 Rev3.2	03/21/2013 22:51 T		INITIAL	Aqueous	LB	NA	1	QUANT	1303085-10	7782-49-2	Selenium	20	TRG	Yes	N	U	U	U	Y	20	ug/L	ug/L	11	20	N/A	18 Mile Creek - 1303085	
DESA	RB-03132013		RB-03132013	Aqueous	Blank	FIELD		03/13/2013				N	EPA 200.7 / SOP C-109 Rev3.2	03/21/2013 22:51 T		INITIAL	Aqueous	LB	NA	1	QUANT	1303085-10	7440-22-8	Silver	5.0	TRG	Yes	N	U	U	U	Y	5.0	ug/L	ug/L	1.3	5.0	N/A	18 Mile Creek - 1303085	
DESA	RB-03132013		RB-03132013	Aqueous	Blank	FIELD		03/13/2013				N	EPA 200.7 / SOP C-109 Rev3.2	03/21/2013 22:51 T		INITIAL	Aqueous	LB	NA	1	QUANT	1303085-10	7440-23-5	Sodium	1000	TRG	Yes	N	UJ	UJ	UJ	Y	1000	ug/L	ug/L	270	1000	N/A	18 Mile Creek - 1303085	
DESA	RB-03132013		RB-03132013	Aqueous	Blank	FIELD		03/13/2013				N	EPA 200.7 / SOP C-109 Rev3.2	03/21/2013 22:51 T		INITIAL	Aqueous	LB	NA	1	QUANT	1303085-10	7440-28-0	Thallium	20	TRG	Yes	N	UJ	UJ	UJ	Y	20	ug/L	ug/L	7.6	20	N/A	18 Mile Creek - 1303085	
DESA	RB-03132013		RB-03132013	Aqueous	Blank	FIELD		03/13/2013				N	EPA 200.7 / SOP C-109 Rev3.2	03/21/2013 22:51 T		INITIAL	Aqueous	LB	NA	1	QUANT	1303085-10	7440-42-2	Radium	20	TRG	Yes	N	U	U	U	Y	20	ug/L	ug/L	5.6	20	N/A	18 Mile Creek - 1303085	
DESA	RB-03132013		RB-03132013	Aqueous	Blank	FIELD		03/13/2013				N	EPA 200.7 / SOP C-109 Rev3.2	03/21/2013 22:51 T		INITIAL	Aqueous	LB	NA	1	QUANT	1303085-10	7440-66-6	Zinc	20	TRG	Yes	N	U	U	U	Y	20	ug/L	ug/L	5.7	20	N/A	18 Mile Creek - 1303085	
DESA	RB-03132013		RB-03132013	Aqueous	Blank	FIELD		03/13/2013				N	EPA 245.1 / SOP C-110 Rev2.3	03/25/2013 14:43 T		INITIAL	Aqueous	LB	NA	1	QUANT	1303085-10	7439-97-6	Mercury	0.20	TRG	Yes	N	U	U	U	Y	0.20	ug/L	ug/L	0.040	0.20	N/A	18 Mile Creek - 1303085	