

ASU #	14392		Report ID:	FOX-2 S1					
Client:	ESG		Date Submitted:	27-Sep-12					
			Date Tested:	1-Oct-12					
Site:	FOX-2		Date Reported:	4-Oct-12					
ESG#	12-193		Matrix:	Soil					
Report of Analysis by ICP/OES and ICP/MS			All results in ug/g						
Results relate only to the items tested									
Sample	Cu	Ni	Co	Cd	Pb	Zn	Cr	As	
12-19401	30.2	26.3	8.0	<1.0	18	81	48	17.7	
12-19421	99.4	40.5	8.6	<1.0	21	65	48	39.7	
12-19441	98.9	101.9	48.8	<1.0	11	243	51	24.5	
12-19461	39.6	34.0	8.7	<1.0	<10	60	97	6.6	*
12-19481	43.5	43.0	13.2	<1.0	11	82	55	28.7	
Blank	<3.0	<5.0	<5.0	<1.0	<10	<15	<20	<0.2	
MESS-3	32.3	41.5	12.7	<1.0	19	139	42	17.1	
12-19461	40.4	34.8	8.9	<1.0	<10	60	98	5.9	
12-19461	38.7	33.1	8.4	<1.0	<10	59	95	7.3	

Prepared by:_____

FOX-2 S1.xls
Page 1 of 1

Authorization:_____

ASU #	14392		Report ID:	FOX-2 W1				
Client:	ESG		Date Submitted:	27-Sep-12				
			Date tested:	1-Oct-12				
Site:	FOX-2		Date:	3-Oct-12				
	12-193		Matrix:	Water				
Report of Analysis								
Results relate only to the items tested								
Total Metals	Results in mg/L							
SAMPLE	Cu	Ni	Co	Cd	Pb	Zn	Cr	As
12-15131	0.028	0.10	0.022	<0.001	<0.010	0.047	0.046	0.004
Blank	<0.005	<0.005	<0.003	<0.001	<0.010	<0.010	<0.005	<0.003
Control	1.7	1.7	1.7	0.79	8.5	3.1	0.87	0.87
Control Target	1.6	1.6	1.6	0.80	8.0	3.0	0.80	0.80

ANALYTICAL SCIENCES GROUP AND SLOWPOKE-2 FACILITY AT RMC
GROUP DES SCIENCES ANALYTIQUES ET FACILITÉ SLOWPOKE-2 AU CMR

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ASG Login No: 23032
Site: Fox-2
Client No: 12-193
Samples Received: 27-Sep-12
Date of analysis: 19-Oct-12
Method No: ASG 021
Date Reported: 19-Oct-12
Sheet: 1 of 1

RESULTS OF MERCURY IN WATER ANALYSIS

Sample ID	Mercury^ µg/L
15131*	< 0.4

LABORATORY QA/QC

Sample ID	Mercury^ µg/L
Duplicate ; 15131*	< 0.4 ; < 0.4
Blank	< 0.4
Control Target	4.0
Control Sample	4.3

* Averaged result of duplicates

^ Acid digestion performed

Reported at 0.4 µg/L detection limit

The results reported here relate only to the items tested.

Prepared By: _____
Curtis McDonald;
Analyst

Authorization: _____
Julie McDonald;
Laboratory Manager
Test Report I.D: Hgwt23032r1.xls

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ASG Login No: 23032

Site: Fox-2

Client No: 12-193

Samples Received: 27-Sep-12

Date of analysis: 1-Oct-12

Method No: ASG 005C

Date Reported: 19-Oct-12

Sheet No: 1 of 1

RESULTS OF PCB ANALYSIS

Sample Type **	Sample I.D.	Unit	Aroclor 1254	Aroclor 1260
S	19400	µg/g	< 0.05	< 0.05
S	19420	µg/g	< 0.05	< 0.05
S	19440	µg/g	< 0.05	< 0.05
S	19460	µg/g	< 0.05	< 0.05
S	19480	µg/g	< 0.05	< 0.05

** O = Oil, S = Soil, C = Concrete, PC = Paint Chips, SW = Swabs, W = Water, P = Plants

~low surrogate recovery

LABORATORY QA/QC

	Blank~	µg/g	< 0.05	< 0.05
	Control Sample	µg/g	4.7	< 0.05
	Control Sample Target	µg/g	5.0	< 0.05

All results corrected for the recovery of the surrogate decachlorobiphenyl

The results reported here relate only to the items tested.

Prepared By: _____
Julie McDonald ; Laboratory Manager

Authorization: _____
David Kelly ; Director
PCBs23032r1.xls

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ASG Login No: 23032
Site: Fox-2
Client No: 12-193
Samples Received: 27-Sep-12
Date of analysis: 27-Sep-12
Method No: ASG 015
Date Reported: 1-Oct-12
Sheet No: 1 of 1

RESULTS OF ULTRA LOW PCB IN WATER ANALYSIS

Sample Type **	Sample I.D.	Unit	Aroclor 1254	Aroclor 1260
W	15131	mg/L	< 0.00002	< 0.00002

** O = Oil, S = Soil, C = Concrete, PC = Paint Chips, SW = Swabs, W = Water, P = Plants

LABORATORY QA/QC

	Blank	mg/L	< 0.00002	< 0.00002
	Control Sample	mg/L	< 0.00002	0.00058
	Control Sample Target	mg/L	< 0.00002	0.00050

All results corrected for the recovery of the surrogate decachlorobiphenyl

*Average result of duplicate

The results reported here relate only to the items tested.

Prepared By: _____
Chad Hind, Analyst

Authorization: Julie McDonald, Lab Manager
ULPCBw23032r1.xls

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ASG Login No: 23032

Site: Fox-2

Client Login No: 12-193

Date Sampled: 28-Aug-12

Samples Received: 27-Sep-12

Date of analysis: 28-Sep-12

Method No: ASG 053 ~

Date Reported: 19-Oct-12

Sheet: 1 of 1

RESULTS OF PHC IN SOIL ANALYSIS - F1 FRACTION[^]

Sample I.D.	Unit	F1 Fraction (ppm)
19400*	mg/kg	< 10
19420	mg/kg	< 10
19440	mg/kg	< 10
19460	mg/kg	< 10
19480	mg/kg	< 10

LABORATORY QA/QC SECTION

Duplicate ; 19400*	mg/kg	< 10 ; < 10
Blank	mg/kg	< 10
Gasoline Control	mg/kg	30.00
Gasoline Control Target	mg/kg	29

[^] BTEX contribution to F1 fraction not subtracted from reported values

* Averaged result of duplicates

~ This method complies with the reference method for the CWS PHC and is validated for use in the laboratory.
Average response factors for hexane and decane were within 30% of the toluene response factor.
Linearity of calibration standards is within 15%.
Extraction and analysis holding times for samples were met.

The results reported here relate only to the items tested

Prepared by: _____
Chad Hind ; Analyst

Authorization: _____
Steve White, Laboratory Manager

PHCs23032r1%28F1%29.xls

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ASG Login No: 23032
 Site: Fox-2
 Client Login No: 12-193
 Samples Received: 27-Sep-12
 Date of analysis: 28-Sep-12
 Date Sampled: 28-Aug-12
 Method No: ASG053
 Date Reported: 18-Oct-12
 Sheet: 1 of 1

RESULTS OF PHC IN SOIL ANALYSIS[^]

Sample I.D.	Unit	F2 Fraction (ppm)	F3 Fraction (ppm)	F4 Fraction (ppm)	F4G (ppm)
19420	mg/kg	4.0	63	45	N/A
19440	mg/kg	< 4.0	22	16	N/A
19460	mg/kg	< 4.0	12	11	N/A
19480	mg/kg	< 4.0	23	< 8.0	N/A

LABORATORY QA/QC FOR F2-F4 FRACTIONS

Sample I.D.	Unit	F2 Fraction (ppm)	F3 Fraction (ppm)	F4 Fraction (ppm)	F4G (ppm)
Blank	mg/kg	< 4.0	< 9.0	< 8.0	N/A

Diesel Spike	mg/kg	37
Diesel Spike Target	mg/kg	50
Control Standard	mg/kg	2700
Control Standard Target	mg/kg	2500

[^]PAH contributions to F2-F4 not subtracted from reported values.

~The method used complies with the Reference Method for the CWS PHC.

*Averaged result of duplicate

Gravimetric heavy hydrocarbons cannot be added to the C6-C50 hydrocarbons.
 The chromatogram descended to baseline by the C50 retention time.
 Average response factors for C10, C16, C34 were within 10% of each other.
 C50 response factor was within 70% of the C10, C16, C34 average response factor.
 Linearity of calibration standards was within 15%.
 Extraction and analysis holding times for samples were met.

The results reported here relate only to the items tested.

Prepared By: _____
 Julie McDonald ; Laboratory Manager

Authorization: _____
 David Kelly ; Director
 Test Report I.D: PHCs23032r1%28F2-F4%29.xls

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ASG Login No: 22032

Site: Fox-2

Client Login No: 12-193

Date Sampled: 26-Sep-12

Samples Received: 28-Aug-12

Date of analysis: 5-Oct-12

Method No: ASG 055 ~

Date Reported: 12-Oct-12

Sheet: 1 of 1

RESULTS OF PHC IN WATER ANALYSIS - F1 FRACTION^

Sample I.D.	Unit	F1 Fraction (ppm)
15131	mg/L	< 0.05

LABORATORY QA/QC SECTION

Blank	mg/L	< 0.05
Duplicate ; 15131*	mg/L	< 0.05 ; < 0.05
Gasoline Control Sample	mg/L	0.17
Gasoline Control Target	mg/L	0.16

^ BTEX contribution to F1 fraction not subtracted from reported values

Average response factors for hexane and decane were within 30% of the toluene response factor.
Linearity of calibration standards is within 15%.

The results reported here relate only to the items tested

Prepared by: _____
Chad Hind, Analyst

Authorization: _____
Julie McDonald, Laboratory Manager

PHCw23032r1%28F1%29.xls

**ANALYTICAL SCIENCES GROUP AND SLOWPOKE-2 FACILITY AT RMC
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ASG Login No: 23032

Site: Fox-2

Client Login No: 12-193

Samples Received: 27-Sep-12

Date of analysis: 12-Oct-12

Date Sampled: 28-Aug-12

Method No: ASG055

Date Reported: 18-Oct-12

Sheet: 1 of 1

RESULTS OF PHC IN WATER ANALYSIS^

Sample I.D.	Unit	F2 Fraction (ppm)	F3 Fraction (ppm)	F4 Fraction (ppm)	F4G (ppm)
15131*	mg/L	< 0.5	< 1.0	< 1.0	N/A

LABORATORY QA/QC FOR F2-F4 FRACTIONS

Sample I.D.	Unit	F2 Fraction (ppm)	F3 Fraction (ppm)	F4 Fraction (ppm)	F4G (ppm)
Duplicate ; 15131	mg/L	< 0.5 ; < 0.5	< 1.0 ; < 1.0	< 1.0 ; < 1.0	N/A
Blank	mg/L	< 0.5	< 1.0	< 1.0	N/A

Diesel Spike	mg/L	5.6
Diesel Spike Target	mg/L	5.0
Control Standard	mg/L	2600
Control Standard Target	mg/L	2500

^PAH contributions to F2-F4 not subtracted from reported values.

~The method used complies with the Reference Method for the CWS PHC.

*Averaged result of duplicate

Gravimetric heavy hydrocarbons cannot be added to the C6-C50 hydrocarbons.

The chromatogram descended to baseline by the C50 retention time.

Average response factors for C10, C16, C34 were within 10% of each other.

C50 response factor was within 70% of the C10, C16, C34 average response factor.

Linearity of calibration standards was within 15%.

Extraction and analysis holding times for samples were met.

Authorization: _____

Steve White ; Senior Analyst

Julie McDonald ; Laboratory Manager

Test Report I.D: PHCw23032r1%28F2-F4%29 (1).xls



Department of National Defence - Royal
Military College
ATTN: CANDICE CASUCCI
Environmental Sciences Group
Kingston ON K7K7B4

Date Received: 28-SEP-12
Report Date: 20-NOV-12 12:01 (MT)
Version: FINAL REV. 3

Client Phone: 613-541-6000

Certificate of Analysis

Lab Work Order #: **L1216304**
Project P.O. #: BP15RE
Job Reference: FOX-2-MON-DLCU
C of C Numbers:
Legal Site Desc:

Comments:

20-NOV-12: F1 soil group QC was not properly sent to ALS LIMS, results were not affected GAB/LO

Gayle Braun
Senior Account Manager

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ALS CANADA LTD Part of the ALS Group A Campbell Brothers Limited Company

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1216304-1	15130							
Sampled By:	CLIENT on 11-SEP-12							
Matrix:	WATER							
Total Metals								
Arsenic (As)-Total		0.0068		0.0010	mg/L	02-OCT-12	02-OCT-12	R2447363
Cadmium (Cd)-Total		0.00032		0.00010	mg/L	02-OCT-12	02-OCT-12	R2447363
Chromium (Cr)-Total		0.0430		0.0010	mg/L	02-OCT-12	02-OCT-12	R2447363
Cobalt (Co)-Total		0.0339		0.00050	mg/L	02-OCT-12	02-OCT-12	R2447363
Copper (Cu)-Total		0.0698		0.0010	mg/L	02-OCT-12	02-OCT-12	R2447363
Lead (Pb)-Total		0.0055		0.0010	mg/L	02-OCT-12	02-OCT-12	R2447363
Mercury (Hg)-Total		<0.00010		0.00010	mg/L	01-OCT-12	02-OCT-12	R2447401
Nickel (Ni)-Total		0.199		0.0020	mg/L	02-OCT-12	02-OCT-12	R2447363
Zinc (Zn)-Total		0.0626		0.0030	mg/L	02-OCT-12	02-OCT-12	R2447363
Hydrocarbons								
F1 (C6-C10)		<25		25	ug/L		02-OCT-12	R2447174
F2 (C10-C16)		<100		100	ug/L	02-OCT-12	03-OCT-12	R2448299
F3 (C16-C34)		<250		250	ug/L	02-OCT-12	03-OCT-12	R2448299
F4 (C34-C50)		<250		250	ug/L	02-OCT-12	03-OCT-12	R2448299
Total Hydrocarbons (C6-C50)		<250		250	ug/L		03-OCT-12	
Chrom. to baseline at nC50		YES				02-OCT-12	03-OCT-12	R2448299
Surrogate: 2-Bromobenzotrifluoride		74.5		60-140	%	02-OCT-12	03-OCT-12	R2448299
Surrogate: 3,4-Dichlorotoluene		107.6		50-140	%		02-OCT-12	R2447174
Surrogate: Octacosane		82.5		60-140	%	02-OCT-12	03-OCT-12	R2448299
Polychlorinated Biphenyls								
Aroclor 1242		<0.020		0.020	ug/L	03-OCT-12	04-OCT-12	R2449427
Aroclor 1248		<0.020		0.020	ug/L	03-OCT-12	04-OCT-12	R2449427
Aroclor 1254		<0.020		0.020	ug/L	03-OCT-12	04-OCT-12	R2449427
Aroclor 1260		0.132		0.020	ug/L	03-OCT-12	04-OCT-12	R2449427
Total PCBs		0.132		0.040	ug/L	03-OCT-12	04-OCT-12	R2449427
Surrogate: d14-Terphenyl		102.9		50-150	%	03-OCT-12	04-OCT-12	R2449427
L1216304-2	15131							
Sampled By:	CLIENT on 11-SEP-12							
Matrix:	WATER							
Total Metals								
Arsenic (As)-Total		0.0035		0.0010	mg/L	02-OCT-12	02-OCT-12	R2447363
Cadmium (Cd)-Total		0.00024		0.00010	mg/L	02-OCT-12	02-OCT-12	R2447363
Chromium (Cr)-Total		0.0117		0.0010	mg/L	02-OCT-12	02-OCT-12	R2447363
Cobalt (Co)-Total		0.0217		0.00050	mg/L	02-OCT-12	02-OCT-12	R2447363
Copper (Cu)-Total		0.0251		0.0010	mg/L	02-OCT-12	02-OCT-12	R2447363
Lead (Pb)-Total		0.0027		0.0010	mg/L	02-OCT-12	02-OCT-12	R2447363
Mercury (Hg)-Total		<0.00010		0.00010	mg/L	01-OCT-12	02-OCT-12	R2447401
Nickel (Ni)-Total		0.0803		0.0020	mg/L	02-OCT-12	02-OCT-12	R2447363
Zinc (Zn)-Total		0.0482		0.0030	mg/L	02-OCT-12	02-OCT-12	R2447363
Hydrocarbons								
F1 (C6-C10)		<25		25	ug/L		02-OCT-12	R2447174
F2 (C10-C16)		<100		100	ug/L	02-OCT-12	03-OCT-12	R2448299

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1216304-2 Sampled By: CLIENT on 11-SEP-12 Matrix: WATER Hydrocarbons F3 (C16-C34) F4 (C34-C50) Total Hydrocarbons (C6-C50) Chrom. to baseline at nC50 Surrogate: 2-Bromobenzotrifluoride Surrogate: 3,4-Dichlorotoluene Surrogate: Octacosane Polychlorinated Biphenyls Aroclor 1242 Aroclor 1248 Aroclor 1254 Aroclor 1260 Total PCBs Surrogate: d14-Terphenyl	15131							
	CLIENT on 11-SEP-12							
	WATER							
		<250		250	ug/L	02-OCT-12	03-OCT-12	R2448299
		<250		250	ug/L	02-OCT-12	03-OCT-12	R2448299
		<250		250	ug/L		03-OCT-12	
		YES				02-OCT-12	03-OCT-12	R2448299
		65.7		60-140	%	02-OCT-12	03-OCT-12	R2448299
		111.6		50-140	%		02-OCT-12	R2447174
		74.2		60-140	%	02-OCT-12	03-OCT-12	R2448299
		<0.020		0.020	ug/L	03-OCT-12	04-OCT-12	R2449427
		<0.020		0.020	ug/L	03-OCT-12	04-OCT-12	R2449427
		<0.020		0.020	ug/L	03-OCT-12	04-OCT-12	R2449427
		<0.020		0.020	ug/L	03-OCT-12	04-OCT-12	R2449427
		<0.040		0.040	ug/L	03-OCT-12	04-OCT-12	R2449427
		110.8		50-150	%	03-OCT-12	04-OCT-12	R2449427
L1216304-3 Sampled By: CLIENT on 11-SEP-12 Matrix: WATER Total Metals Arsenic (As)-Total Cadmium (Cd)-Total Chromium (Cr)-Total Cobalt (Co)-Total Copper (Cu)-Total Lead (Pb)-Total Mercury (Hg)-Total Nickel (Ni)-Total Zinc (Zn)-Total Hydrocarbons F1 (C6-C10) F2 (C10-C16) F3 (C16-C34) F4 (C34-C50) Total Hydrocarbons (C6-C50) Chrom. to baseline at nC50 Surrogate: 2-Bromobenzotrifluoride Surrogate: 3,4-Dichlorotoluene Surrogate: Octacosane Polychlorinated Biphenyls Aroclor 1242 Aroclor 1248 Aroclor 1254 Aroclor 1260	15132							
	CLIENT on 11-SEP-12							
	WATER							
		<0.0010		0.0010	mg/L	02-OCT-12	02-OCT-12	R2447363
		0.00083		0.00010	mg/L	02-OCT-12	02-OCT-12	R2447363
		0.0243		0.0010	mg/L	02-OCT-12	02-OCT-12	R2447363
		0.0173		0.00050	mg/L	02-OCT-12	02-OCT-12	R2447363
		0.0276		0.0010	mg/L	02-OCT-12	02-OCT-12	R2447363
		0.0052		0.0010	mg/L	02-OCT-12	02-OCT-12	R2447363
		<0.00010		0.00010	mg/L	01-OCT-12	02-OCT-12	R2447401
		0.0952		0.0020	mg/L	02-OCT-12	02-OCT-12	R2447363
		0.0505		0.0030	mg/L	02-OCT-12	02-OCT-12	R2447363
		<25		25	ug/L		02-OCT-12	R2447174
		<100		100	ug/L	02-OCT-12	03-OCT-12	R2448299
		<250		250	ug/L	02-OCT-12	03-OCT-12	R2448299
		<250		250	ug/L	02-OCT-12	03-OCT-12	R2448299
		<250		250	ug/L		03-OCT-12	
		YES				02-OCT-12	03-OCT-12	R2448299
		66.0		60-140	%	02-OCT-12	03-OCT-12	R2448299
		121.1		50-140	%		02-OCT-12	R2447174
		74.9		60-140	%	02-OCT-12	03-OCT-12	R2448299
		<0.020		0.020	ug/L	03-OCT-12	04-OCT-12	R2449427
		<0.020		0.020	ug/L	03-OCT-12	04-OCT-12	R2449427
		<0.020		0.020	ug/L	03-OCT-12	04-OCT-12	R2449427
		<0.020		0.020	ug/L	03-OCT-12	04-OCT-12	R2449427

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1216304-3 Sampled By: CLIENT on 11-SEP-12 Matrix: WATER								
	Polychlorinated Biphenyls							
	Total PCBs	<0.040		0.040	ug/L	03-OCT-12	04-OCT-12	R2449427
	Surrogate: d14-Terphenyl	110.4		50-150	%	03-OCT-12	04-OCT-12	R2449427
L1216304-4 Sampled By: CLIENT on 11-SEP-12 Matrix: WATER	Total Metals							
	Arsenic (As)-Total	0.0073		0.0010	mg/L	02-OCT-12	02-OCT-12	R2447363
	Cadmium (Cd)-Total	0.00028		0.00010	mg/L	02-OCT-12	02-OCT-12	R2447363
	Chromium (Cr)-Total	0.0145		0.0010	mg/L	02-OCT-12	02-OCT-12	R2447363
	Cobalt (Co)-Total	0.0236		0.00050	mg/L	02-OCT-12	02-OCT-12	R2447363
	Copper (Cu)-Total	0.0370		0.0010	mg/L	02-OCT-12	02-OCT-12	R2447363
	Lead (Pb)-Total	0.0060		0.0010	mg/L	02-OCT-12	02-OCT-12	R2447363
	Mercury (Hg)-Total	<0.00010		0.00010	mg/L	01-OCT-12	02-OCT-12	R2447401
	Nickel (Ni)-Total	0.104		0.0020	mg/L	02-OCT-12	02-OCT-12	R2447363
	Zinc (Zn)-Total	0.0466		0.0030	mg/L	02-OCT-12	02-OCT-12	R2447363
	Hydrocarbons							
	F1 (C6-C10)	<25		25	ug/L		02-OCT-12	R2447174
	F2 (C10-C16)	<100		100	ug/L	03-OCT-12	04-OCT-12	R2449281
	F3 (C16-C34)	<250		250	ug/L	03-OCT-12	04-OCT-12	R2449281
	F4 (C34-C50)	<250		250	ug/L	03-OCT-12	04-OCT-12	R2449281
	Total Hydrocarbons (C6-C50)	<250		250	ug/L		04-OCT-12	
	Chrom. to baseline at nC50	YES				03-OCT-12	04-OCT-12	R2449281
	Surrogate: 2-Bromobenzotrifluoride	69.9		60-140	%	03-OCT-12	04-OCT-12	R2449281
	Surrogate: 3,4-Dichlorotoluene	113.6		50-140	%		02-OCT-12	R2447174
	Surrogate: Octacosane	86.2		60-140	%	03-OCT-12	04-OCT-12	R2449281
	Polychlorinated Biphenyls							
	Aroclor 1242	<0.020		0.020	ug/L	03-OCT-12	04-OCT-12	R2449427
	Aroclor 1248	<0.020		0.020	ug/L	03-OCT-12	04-OCT-12	R2449427
	Aroclor 1254	<0.020		0.020	ug/L	03-OCT-12	04-OCT-12	R2449427
	Aroclor 1260	<0.020		0.020	ug/L	03-OCT-12	04-OCT-12	R2449427
	Total PCBs	<0.040		0.040	ug/L	03-OCT-12	04-OCT-12	R2449427
	Surrogate: d14-Terphenyl	107.5		50-150	%	03-OCT-12	04-OCT-12	R2449427
L1216304-5 Sampled By: CLIENT on 11-SEP-12 Matrix: WATER	Total Metals							
	Arsenic (As)-Total	0.018	DLM	0.010	mg/L	02-OCT-12	03-OCT-12	R2448191
	Cadmium (Cd)-Total	<0.00090	DLM	0.00090	mg/L	02-OCT-12	03-OCT-12	R2448191
	Chromium (Cr)-Total	0.0254	DLM	0.0050	mg/L	02-OCT-12	03-OCT-12	R2448191
	Cobalt (Co)-Total	0.0625	DLM	0.0050	mg/L	02-OCT-12	03-OCT-12	R2448191
	Copper (Cu)-Total	0.078	DLM	0.010	mg/L	02-OCT-12	03-OCT-12	R2448191
	Lead (Pb)-Total	0.020	DLM	0.010	mg/L	02-OCT-12	03-OCT-12	R2448191

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1216304-5 15134 Sampled By: CLIENT on 11-SEP-12 Matrix: WATER								
Total Metals								
Mercury (Hg)-Total		<0.00010		0.00010	mg/L	01-OCT-12	02-OCT-12	R2447401
Nickel (Ni)-Total		0.243	DLM	0.020	mg/L	02-OCT-12	03-OCT-12	R2448191
Zinc (Zn)-Total		0.125	DLM	0.030	mg/L	02-OCT-12	03-OCT-12	R2448191
Hydrocarbons								
F1 (C6-C10)		<25		25	ug/L		02-OCT-12	R2447174
F2 (C10-C16)		<100		100	ug/L	03-OCT-12	04-OCT-12	R2449281
F3 (C16-C34)		<250		250	ug/L	03-OCT-12	04-OCT-12	R2449281
F4 (C34-C50)		<250		250	ug/L	03-OCT-12	04-OCT-12	R2449281
Total Hydrocarbons (C6-C50)		<250		250	ug/L		04-OCT-12	
Chrom. to baseline at nC50		YES				03-OCT-12	04-OCT-12	R2449281
Surrogate: 2-Bromobenzotrifluoride		74.9		60-140	%	03-OCT-12	04-OCT-12	R2449281
Surrogate: 3,4-Dichlorotoluene		116.9		50-140	%		02-OCT-12	R2447174
Surrogate: Octacosane		86.7		60-140	%	03-OCT-12	04-OCT-12	R2449281
Polychlorinated Biphenyls								
Aroclor 1242		<0.020		0.020	ug/L	03-OCT-12	04-OCT-12	R2449427
Aroclor 1248		<0.020		0.020	ug/L	03-OCT-12	04-OCT-12	R2449427
Aroclor 1254		<0.020		0.020	ug/L	03-OCT-12	04-OCT-12	R2449427
Aroclor 1260		<0.020		0.020	ug/L	03-OCT-12	04-OCT-12	R2449427
Total PCBs		<0.040		0.040	ug/L	03-OCT-12	04-OCT-12	R2449427
Surrogate: d14-Terphenyl		112.1		50-150	%	03-OCT-12	04-OCT-12	R2449427
L1216304-6 15135 Sampled By: CLIENT on 11-SEP-12 Matrix: WATER								
Total Metals								
Arsenic (As)-Total		0.057	DLM	0.010	mg/L	02-OCT-12	03-OCT-12	R2448191
Cadmium (Cd)-Total		<0.00090	DLM	0.00090	mg/L	02-OCT-12	03-OCT-12	R2448191
Chromium (Cr)-Total		0.0405	DLM	0.0050	mg/L	02-OCT-12	03-OCT-12	R2448191
Cobalt (Co)-Total		0.0518	DLM	0.0050	mg/L	02-OCT-12	03-OCT-12	R2448191
Copper (Cu)-Total		0.102	DLM	0.010	mg/L	02-OCT-12	03-OCT-12	R2448191
Lead (Pb)-Total		0.043	DLM	0.010	mg/L	02-OCT-12	03-OCT-12	R2448191
Mercury (Hg)-Total		<0.00010		0.00010	mg/L	01-OCT-12	02-OCT-12	R2447401
Nickel (Ni)-Total		0.169	DLM	0.020	mg/L	02-OCT-12	03-OCT-12	R2448191
Zinc (Zn)-Total		0.127	DLM	0.030	mg/L	02-OCT-12	03-OCT-12	R2448191
Hydrocarbons								
F1 (C6-C10)		<25		25	ug/L		02-OCT-12	R2447174
F2 (C10-C16)		<100		100	ug/L	03-OCT-12	04-OCT-12	R2449281
F3 (C16-C34)		<250		250	ug/L	03-OCT-12	04-OCT-12	R2449281
F4 (C34-C50)		<250		250	ug/L	03-OCT-12	04-OCT-12	R2449281
Total Hydrocarbons (C6-C50)		<250		250	ug/L		04-OCT-12	
Chrom. to baseline at nC50		YES				03-OCT-12	04-OCT-12	R2449281
Surrogate: 2-Bromobenzotrifluoride		72.6		60-140	%	03-OCT-12	04-OCT-12	R2449281
Surrogate: 3,4-Dichlorotoluene		117.5		50-140	%		02-OCT-12	R2447174

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1216304-6	15135							
Sampled By:	CLIENT on 11-SEP-12							
Matrix:	WATER							
Hydrocarbons								
Surrogate: Octacosane	90.4			60-140	%	03-OCT-12	04-OCT-12	R2449281
Polychlorinated Biphenyls								
Aroclor 1242	<0.020			0.020	ug/L	03-OCT-12	04-OCT-12	R2449427
Aroclor 1248	<0.020			0.020	ug/L	03-OCT-12	04-OCT-12	R2449427
Aroclor 1254	<0.020			0.020	ug/L	03-OCT-12	04-OCT-12	R2449427
Aroclor 1260	<0.020			0.020	ug/L	03-OCT-12	04-OCT-12	R2449427
Total PCBs	<0.040			0.040	ug/L	03-OCT-12	04-OCT-12	R2449427
Surrogate: d14-Terphenyl	101.9			50-150	%	03-OCT-12	04-OCT-12	R2449427
L1216304-7	15136							
Sampled By:	CLIENT on 11-SEP-12							
Matrix:	WATER							
Total Metals								
Arsenic (As)-Total	0.0024			0.0010	mg/L	02-OCT-12	02-OCT-12	R2447363
Cadmium (Cd)-Total	0.00013			0.00010	mg/L	02-OCT-12	02-OCT-12	R2447363
Chromium (Cr)-Total	0.0061			0.0010	mg/L	02-OCT-12	02-OCT-12	R2447363
Cobalt (Co)-Total	0.00736			0.00050	mg/L	02-OCT-12	02-OCT-12	R2447363
Copper (Cu)-Total	0.0127			0.0010	mg/L	02-OCT-12	02-OCT-12	R2447363
Lead (Pb)-Total	0.0014			0.0010	mg/L	02-OCT-12	02-OCT-12	R2447363
Mercury (Hg)-Total	<0.00010			0.00010	mg/L	01-OCT-12	02-OCT-12	R2447401
Nickel (Ni)-Total	0.0838			0.0020	mg/L	02-OCT-12	02-OCT-12	R2447363
Zinc (Zn)-Total	0.0143			0.0030	mg/L	02-OCT-12	02-OCT-12	R2447363
Hydrocarbons								
F1 (C6-C10)	<25			25	ug/L		02-OCT-12	R2447174
F2 (C10-C16)	<100			100	ug/L	03-OCT-12	04-OCT-12	R2449281
F3 (C16-C34)	<250			250	ug/L	03-OCT-12	04-OCT-12	R2449281
F4 (C34-C50)	<250			250	ug/L	03-OCT-12	04-OCT-12	R2449281
Total Hydrocarbons (C6-C50)	<250			250	ug/L		04-OCT-12	
Chrom. to baseline at nC50	YES					03-OCT-12	04-OCT-12	R2449281
Surrogate: 2-Bromobenzotrifluoride	72.9			60-140	%	03-OCT-12	04-OCT-12	R2449281
Surrogate: 3,4-Dichlorotoluene	139.8			50-140	%		02-OCT-12	R2447174
Surrogate: Octacosane	85.9			60-140	%	03-OCT-12	04-OCT-12	R2449281
Polychlorinated Biphenyls								
Aroclor 1242	<0.020			0.020	ug/L	03-OCT-12	04-OCT-12	R2449427
Aroclor 1248	<0.020			0.020	ug/L	03-OCT-12	04-OCT-12	R2449427
Aroclor 1254	<0.020			0.020	ug/L	03-OCT-12	04-OCT-12	R2449427
Aroclor 1260	<0.020			0.020	ug/L	03-OCT-12	04-OCT-12	R2449427
Total PCBs	<0.040			0.040	ug/L	03-OCT-12	04-OCT-12	R2449427
Surrogate: d14-Terphenyl	121.1			50-150	%	03-OCT-12	04-OCT-12	R2449427
L1216304-8	15137							
Sampled By:	CLIENT on 11-SEP-12							
Matrix:	WATER							
Total Metals								

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1216304-8 15137 Sampled By: CLIENT on 11-SEP-12 Matrix: WATER								
Total Metals								
Arsenic (As)-Total		0.0025		0.0010	mg/L	02-OCT-12	02-OCT-12	R2447363
Cadmium (Cd)-Total		0.00013		0.00010	mg/L	02-OCT-12	02-OCT-12	R2447363
Chromium (Cr)-Total		0.0040		0.0010	mg/L	02-OCT-12	02-OCT-12	R2447363
Cobalt (Co)-Total		0.00702		0.00050	mg/L	02-OCT-12	02-OCT-12	R2447363
Copper (Cu)-Total		0.0092		0.0010	mg/L	02-OCT-12	02-OCT-12	R2447363
Lead (Pb)-Total		0.0012		0.0010	mg/L	02-OCT-12	02-OCT-12	R2447363
Mercury (Hg)-Total		<0.00010		0.00010	mg/L	01-OCT-12	02-OCT-12	R2447401
Nickel (Ni)-Total		0.0845		0.0020	mg/L	02-OCT-12	02-OCT-12	R2447363
Zinc (Zn)-Total		0.0106		0.0030	mg/L	02-OCT-12	02-OCT-12	R2447363
Hydrocarbons								
F1 (C6-C10)		<25		25	ug/L		01-OCT-12	R2447221
F2 (C10-C16)		<100		100	ug/L	03-OCT-12	04-OCT-12	R2449281
F3 (C16-C34)		<250		250	ug/L	03-OCT-12	04-OCT-12	R2449281
F4 (C34-C50)		<250		250	ug/L	03-OCT-12	04-OCT-12	R2449281
Total Hydrocarbons (C6-C50)		<250		250	ug/L		04-OCT-12	
Chrom. to baseline at nC50		YES				03-OCT-12	04-OCT-12	R2449281
Surrogate: 2-Bromobenzotrifluoride		77.9		60-140	%	03-OCT-12	04-OCT-12	R2449281
Surrogate: 3,4-Dichlorotoluene		106.7		50-140	%		01-OCT-12	R2447221
Surrogate: Octacosane		87.1		60-140	%	03-OCT-12	04-OCT-12	R2449281
Polychlorinated Biphenyls								
Aroclor 1242		<0.020		0.020	ug/L	03-OCT-12	04-OCT-12	R2449427
Aroclor 1248		<0.020		0.020	ug/L	03-OCT-12	04-OCT-12	R2449427
Aroclor 1254		<0.020		0.020	ug/L	03-OCT-12	04-OCT-12	R2449427
Aroclor 1260		<0.020		0.020	ug/L	03-OCT-12	04-OCT-12	R2449427
Total PCBs		<0.040		0.040	ug/L	03-OCT-12	04-OCT-12	R2449427
Surrogate: d14-Terphenyl		114.6		50-150	%	03-OCT-12	04-OCT-12	R2449427
L1216304-9 15138 Sampled By: CLIENT on 11-SEP-12 Matrix: WATER								
Total Metals								
Arsenic (As)-Total		0.059	DLM	0.010	mg/L	02-OCT-12	03-OCT-12	R2448191
Cadmium (Cd)-Total		<0.00090	DLM	0.00090	mg/L	02-OCT-12	03-OCT-12	R2448191
Chromium (Cr)-Total		0.0494	DLM	0.0050	mg/L	02-OCT-12	03-OCT-12	R2448191
Cobalt (Co)-Total		0.0522	DLM	0.0050	mg/L	02-OCT-12	03-OCT-12	R2448191
Copper (Cu)-Total		0.132	DLM	0.010	mg/L	02-OCT-12	03-OCT-12	R2448191
Lead (Pb)-Total		0.044	DLM	0.010	mg/L	02-OCT-12	03-OCT-12	R2448191
Mercury (Hg)-Total		<0.00010		0.00010	mg/L	01-OCT-12	02-OCT-12	R2447401
Nickel (Ni)-Total		0.299	DLM	0.020	mg/L	02-OCT-12	03-OCT-12	R2448191
Zinc (Zn)-Total		0.163	DLM	0.030	mg/L	02-OCT-12	03-OCT-12	R2448191
Hydrocarbons								
F1 (C6-C10)		<25		25	ug/L		01-OCT-12	R2447221
F2 (C10-C16)		<100		100	ug/L	03-OCT-12	04-OCT-12	R2449281

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1216304-9 15138 Sampled By: CLIENT on 11-SEP-12 Matrix: WATER								
Hydrocarbons								
F3 (C16-C34)		2400		250	ug/L	03-OCT-12	04-OCT-12	R2449281
F4 (C34-C50)		690		250	ug/L	03-OCT-12	04-OCT-12	R2449281
Total Hydrocarbons (C6-C50)		3090		250	ug/L		04-OCT-12	
Chrom. to baseline at nC50		YES				03-OCT-12	04-OCT-12	R2449281
Surrogate: 2-Bromobenzotrifluoride		75.4		60-140	%	03-OCT-12	04-OCT-12	R2449281
Surrogate: 3,4-Dichlorotoluene		93.3		50-140	%		01-OCT-12	R2447221
Surrogate: Octacosane		88.3		60-140	%	03-OCT-12	04-OCT-12	R2449281
Polychlorinated Biphenyls								
Aroclor 1242		<0.020		0.020	ug/L	03-OCT-12	04-OCT-12	R2449427
Aroclor 1248		<0.020		0.020	ug/L	03-OCT-12	04-OCT-12	R2449427
Aroclor 1254		<0.020		0.020	ug/L	03-OCT-12	04-OCT-12	R2449427
Aroclor 1260		<0.020		0.020	ug/L	03-OCT-12	04-OCT-12	R2449427
Total PCBs		<0.040		0.040	ug/L	03-OCT-12	04-OCT-12	R2449427
Surrogate: d14-Terphenyl		115.2		50-150	%	03-OCT-12	04-OCT-12	R2449427
L1216304-10 15139 Sampled By: CLIENT on 11-SEP-12 Matrix: WATER								
Total Metals								
Arsenic (As)-Total		0.0068		0.0010	mg/L	02-OCT-12	02-OCT-12	R2447363
Cadmium (Cd)-Total		0.00046		0.00010	mg/L	02-OCT-12	02-OCT-12	R2447363
Chromium (Cr)-Total		0.0087		0.0010	mg/L	02-OCT-12	02-OCT-12	R2447363
Cobalt (Co)-Total		0.0456		0.00050	mg/L	02-OCT-12	02-OCT-12	R2447363
Copper (Cu)-Total		0.0274		0.0010	mg/L	02-OCT-12	02-OCT-12	R2447363
Lead (Pb)-Total		0.0079		0.0010	mg/L	02-OCT-12	02-OCT-12	R2447363
Mercury (Hg)-Total		<0.00010		0.00010	mg/L	01-OCT-12	02-OCT-12	R2447401
Nickel (Ni)-Total		0.366		0.0020	mg/L	02-OCT-12	02-OCT-12	R2447363
Zinc (Zn)-Total		0.0718		0.0030	mg/L	02-OCT-12	02-OCT-12	R2447363
Hydrocarbons								
F1 (C6-C10)		<25		25	ug/L		01-OCT-12	R2447221
F2 (C10-C16)		<100		100	ug/L	03-OCT-12	04-OCT-12	R2449281
F3 (C16-C34)		<250		250	ug/L	03-OCT-12	04-OCT-12	R2449281
F4 (C34-C50)		<250		250	ug/L	03-OCT-12	04-OCT-12	R2449281
Total Hydrocarbons (C6-C50)		<250		250	ug/L		04-OCT-12	
Chrom. to baseline at nC50		YES				03-OCT-12	04-OCT-12	R2449281
Surrogate: 2-Bromobenzotrifluoride		76.1		60-140	%	03-OCT-12	04-OCT-12	R2449281
Surrogate: 3,4-Dichlorotoluene		87.3		50-140	%		01-OCT-12	R2447221
Surrogate: Octacosane		90.1		60-140	%	03-OCT-12	04-OCT-12	R2449281
Polychlorinated Biphenyls								
Aroclor 1242		<0.020		0.020	ug/L	03-OCT-12	04-OCT-12	R2449427
Aroclor 1248		<0.020		0.020	ug/L	03-OCT-12	04-OCT-12	R2449427
Aroclor 1254		<0.020		0.020	ug/L	03-OCT-12	04-OCT-12	R2449427
Aroclor 1260		<0.020		0.020	ug/L	03-OCT-12	04-OCT-12	R2449427

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1216304-10 15139 Sampled By: CLIENT on 11-SEP-12 Matrix: WATER								
	Polychlorinated Biphenyls							
	Total PCBs	<0.040		0.040	ug/L	03-OCT-12	04-OCT-12	R2449427
	Surrogate: d14-Terphenyl	116.3		50-150	%	03-OCT-12	04-OCT-12	R2449427
L1216304-11 15140 Sampled By: CLIENT on 11-SEP-12 Matrix: WATER	Total Metals							
	Arsenic (As)-Total	<0.0010		0.0010	mg/L	02-OCT-12	02-OCT-12	R2447363
	Cadmium (Cd)-Total	<0.00010		0.00010	mg/L	02-OCT-12	02-OCT-12	R2447363
	Chromium (Cr)-Total	<0.0010		0.0010	mg/L	02-OCT-12	02-OCT-12	R2447363
	Cobalt (Co)-Total	<0.00050		0.00050	mg/L	02-OCT-12	02-OCT-12	R2447363
	Copper (Cu)-Total	<0.0010		0.0010	mg/L	02-OCT-12	02-OCT-12	R2447363
	Lead (Pb)-Total	<0.0010		0.0010	mg/L	02-OCT-12	02-OCT-12	R2447363
	Mercury (Hg)-Total	<0.00010		0.00010	mg/L	01-OCT-12	02-OCT-12	R2447401
	Nickel (Ni)-Total	<0.0020		0.0020	mg/L	02-OCT-12	02-OCT-12	R2447363
	Zinc (Zn)-Total	<0.0030		0.0030	mg/L	02-OCT-12	02-OCT-12	R2447363
	Hydrocarbons							
	F1 (C6-C10)	<25		25	ug/L		01-OCT-12	R2447221
	F2 (C10-C16)	<100		100	ug/L	03-OCT-12	04-OCT-12	R2449281
	F3 (C16-C34)	<250		250	ug/L	03-OCT-12	04-OCT-12	R2449281
	F4 (C34-C50)	<250		250	ug/L	03-OCT-12	04-OCT-12	R2449281
	Total Hydrocarbons (C6-C50)	<250		250	ug/L		04-OCT-12	
	Chrom. to baseline at nC50	YES				03-OCT-12	04-OCT-12	R2449281
	Surrogate: 2-Bromobenzotrifluoride	74.0		60-140	%	03-OCT-12	04-OCT-12	R2449281
	Surrogate: 3,4-Dichlorotoluene	94.5		50-140	%		01-OCT-12	R2447221
	Surrogate: Octacosane	85.4		60-140	%	03-OCT-12	04-OCT-12	R2449281
	Polychlorinated Biphenyls							
	Aroclor 1242	<0.020		0.020	ug/L	03-OCT-12	04-OCT-12	R2449427
	Aroclor 1248	<0.020		0.020	ug/L	03-OCT-12	04-OCT-12	R2449427
	Aroclor 1254	<0.020		0.020	ug/L	03-OCT-12	04-OCT-12	R2449427
	Aroclor 1260	<0.020		0.020	ug/L	03-OCT-12	04-OCT-12	R2449427
	Total PCBs	<0.040		0.040	ug/L	03-OCT-12	04-OCT-12	R2449427
	Surrogate: d14-Terphenyl	104.4		50-150	%	03-OCT-12	04-OCT-12	R2449427
L1216304-12 19400A Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL								
	Physical Tests							
	% Moisture	10.3		0.10	%	28-SEP-12	28-SEP-12	R2445844
	Polychlorinated Biphenyls							
	Aroclor 1242	<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
	Aroclor 1248	<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
	Aroclor 1254	<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
	Aroclor 1260	<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1216304-12 19400A Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Polychlorinated Biphenyls	Total PCBs	<0.020		0.020	mg/kg	01-OCT-12	01-OCT-12	R2447266
	Surrogate: d14-Terphenyl	120.0		50-150	%	01-OCT-12	01-OCT-12	R2447266
L1216304-13 19400 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Metals	Arsenic (As)	25.7		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Cadmium (Cd)	<0.50		0.50	ug/g	02-OCT-12	03-OCT-12	R2449270
	Chromium (Cr)	193		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Cobalt (Co)	15.9		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Copper (Cu)	58.1		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Lead (Pb)	30.7		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Mercury (Hg)	<0.010		0.010	mg/kg	01-OCT-12	03-OCT-12	R2448743
	Nickel (Ni)	71.1		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Zinc (Zn)	159		5.0	ug/g	02-OCT-12	03-OCT-12	R2449270
L1216304-14 19401 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests	% Moisture	8.76		0.10	%	28-SEP-12	28-SEP-12	R2445844
	Hydrocarbons							
	F1 (C6-C10)	<5.0	ABL	5.0	ug/g	28-SEP-12	02-OCT-12	R2447208
	F2 (C10-C16)	<10		10	ug/g	02-OCT-12	02-OCT-12	R2447704
	F3 (C16-C34)	167		50	ug/g	02-OCT-12	02-OCT-12	R2447704
	F4 (C34-C50)	<50		50	ug/g	02-OCT-12	02-OCT-12	R2447704
	Total Hydrocarbons (C6-C50)	167		50	ug/g		02-OCT-12	
	Chrom. to baseline at nC50	YES				02-OCT-12	02-OCT-12	R2447704
	Surrogate: 2-Bromobenzotrifluoride	84.2		60-140	%	02-OCT-12	02-OCT-12	R2447704
	Surrogate: 3,4-Dichlorotoluene	120.9		60-140	%	28-SEP-12	02-OCT-12	R2447208
	Surrogate: Octacosane	103.0		60-140	%	02-OCT-12	02-OCT-12	R2447704
L1216304-15 19402 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests	% Moisture	9.19		0.10	%	28-SEP-12	28-SEP-12	R2445844
	Metals							
	Arsenic (As)	64.1		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Cadmium (Cd)	<0.50		0.50	ug/g	02-OCT-12	03-OCT-12	R2449270
	Chromium (Cr)	45.1		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Cobalt (Co)	12.5		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Copper (Cu)	47.4		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Lead (Pb)	10.7		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Mercury (Hg)	0.013		0.010	mg/kg	01-OCT-12	03-OCT-12	R2448743

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1216304-15 19402 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Metals Nickel (Ni) Zinc (Zn) Polychlorinated Biphenyls Aroclor 1242 Aroclor 1248 Aroclor 1254 Aroclor 1260 Total PCBs Surrogate: d14-Terphenyl								
		38.0		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		77.0		5.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
		<0.020		0.020	mg/kg	01-OCT-12	01-OCT-12	R2447266
		112.2		50-150	%	01-OCT-12	01-OCT-12	R2447266
L1216304-16 19403 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Hydrocarbons F1 (C6-C10) F2 (C10-C16) F3 (C16-C34) F4 (C34-C50) Total Hydrocarbons (C6-C50) Chrom. to baseline at nC50 Surrogate: 2-Bromobenzotrifluoride Surrogate: 3,4-Dichlorotoluene Surrogate: Octacosane			ABL					
		10.1		0.10	%	28-SEP-12	28-SEP-12	R2445844
		<5.0		5.0	ug/g	28-SEP-12	02-OCT-12	R2447208
		<10		10	ug/g	02-OCT-12	02-OCT-12	R2447704
		<50		50	ug/g	02-OCT-12	02-OCT-12	R2447704
		<50		50	ug/g	02-OCT-12	02-OCT-12	R2447704
		<50		50	ug/g		02-OCT-12	
		YES				02-OCT-12	02-OCT-12	R2447704
		89.8		60-140	%	02-OCT-12	02-OCT-12	R2447704
		124.9		60-140	%	28-SEP-12	02-OCT-12	R2447208
		104.3		60-140	%	02-OCT-12	02-OCT-12	R2447704
L1216304-17 19404 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Metals Arsenic (As) Cadmium (Cd) Chromium (Cr) Cobalt (Co) Copper (Cu) Lead (Pb) Mercury (Hg) Nickel (Ni) Zinc (Zn) Polychlorinated Biphenyls Aroclor 1242 Aroclor 1248 Aroclor 1254								
		18.2		0.10	%	28-SEP-12	28-SEP-12	R2445844
		37.9		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		<0.50		0.50	ug/g	02-OCT-12	03-OCT-12	R2449270
		45.1		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		13.1		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		46.9		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		9.5		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		<0.010		0.010	mg/kg	01-OCT-12	03-OCT-12	R2448743
		41.2		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		76.1		5.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1216304-17 19404 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Polychlorinated Biphenyls								
	Aroclor 1260	<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
	Total PCBs	<0.020		0.020	mg/kg	01-OCT-12	01-OCT-12	R2447266
	Surrogate: d14-Terphenyl	117.6		50-150	%	01-OCT-12	01-OCT-12	R2447266
L1216304-18 19405 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests								
	% Moisture	16.2		0.10	%	01-OCT-12	01-OCT-12	R2447153
	Hydrocarbons							
	F1 (C6-C10)	<5.0	ABL	5.0	ug/g	28-SEP-12	02-OCT-12	R2447208
	F2 (C10-C16)	<10		10	ug/g	02-OCT-12	02-OCT-12	R2447704
	F3 (C16-C34)	75		50	ug/g	02-OCT-12	02-OCT-12	R2447704
	F4 (C34-C50)	<50		50	ug/g	02-OCT-12	02-OCT-12	R2447704
	Total Hydrocarbons (C6-C50)	75		50	ug/g		02-OCT-12	
	Chrom. to baseline at nC50	YES				02-OCT-12	02-OCT-12	R2447704
	Surrogate: 2-Bromobenzotrifluoride	92.0		60-140	%	02-OCT-12	02-OCT-12	R2447704
	Surrogate: 3,4-Dichlorotoluene	129.9		60-140	%	28-SEP-12	02-OCT-12	R2447208
	Surrogate: Octacosane	87.7		60-140	%	02-OCT-12	02-OCT-12	R2447704
L1216304-19 19406 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests								
	% Moisture	10.8		0.10	%	28-SEP-12	28-SEP-12	R2445844
	Metals							
	Arsenic (As)	49.9		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Cadmium (Cd)	<0.50		0.50	ug/g	02-OCT-12	03-OCT-12	R2449270
	Chromium (Cr)	52.0		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Cobalt (Co)	16.9		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Copper (Cu)	63.2		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Lead (Pb)	10.6		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Mercury (Hg)	<0.010		0.010	mg/kg	01-OCT-12	03-OCT-12	R2448743
	Nickel (Ni)	51.8		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Zinc (Zn)	92.9		5.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Polychlorinated Biphenyls							
	Aroclor 1242	<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
	Aroclor 1248	<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
	Aroclor 1254	<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
	Aroclor 1260	<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
	Total PCBs	<0.020		0.020	mg/kg	01-OCT-12	01-OCT-12	R2447266
	Surrogate: d14-Terphenyl	114.7		50-150	%	01-OCT-12	01-OCT-12	R2447266
L1216304-20 19407 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL								

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1216304-20 19407 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL								
Physical Tests								
% Moisture		17.5		0.10	%	01-OCT-12	01-OCT-12	R2447153
Hydrocarbons								
F1 (C6-C10)		<5.0	ABL	5.0	ug/g	28-SEP-12	02-OCT-12	R2447208
F2 (C10-C16)		<10		10	ug/g	02-OCT-12	02-OCT-12	R2447704
F3 (C16-C34)		<50		50	ug/g	02-OCT-12	02-OCT-12	R2447704
F4 (C34-C50)		<50		50	ug/g	02-OCT-12	02-OCT-12	R2447704
Total Hydrocarbons (C6-C50)		<50		50	ug/g		02-OCT-12	
Chrom. to baseline at nC50		YES				02-OCT-12	02-OCT-12	R2447704
Surrogate: 2-Bromobenzotrifluoride		88.9		60-140	%	02-OCT-12	02-OCT-12	R2447704
Surrogate: 3,4-Dichlorotoluene		126.4		60-140	%	28-SEP-12	02-OCT-12	R2447208
Surrogate: Octacosane		105.4		60-140	%	02-OCT-12	02-OCT-12	R2447704
L1216304-21 19408 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL								
Physical Tests								
% Moisture		14.2		0.10	%	28-SEP-12	28-SEP-12	R2445844
Metals								
Arsenic (As)		41.5		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Cadmium (Cd)		<0.50		0.50	ug/g	02-OCT-12	03-OCT-12	R2449270
Chromium (Cr)		71.0		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Cobalt (Co)		13.7		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Copper (Cu)		63.1		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Lead (Pb)		12.7		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Mercury (Hg)		0.030		0.010	mg/kg	01-OCT-12	03-OCT-12	R2448743
Nickel (Ni)		51.6		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Zinc (Zn)		102		5.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Polychlorinated Biphenyls								
Aroclor 1242		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
Aroclor 1248		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
Aroclor 1254		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
Aroclor 1260		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
Total PCBs		<0.020		0.020	mg/kg	01-OCT-12	01-OCT-12	R2447266
Surrogate: d14-Terphenyl		119.1		50-150	%	01-OCT-12	01-OCT-12	R2447266
L1216304-22 19409 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL								
Physical Tests								
% Moisture		18.7		0.10	%	01-OCT-12	01-OCT-12	R2447153
Hydrocarbons								
F1 (C6-C10)		<5.0	ABL	5.0	ug/g	28-SEP-12	02-OCT-12	R2447208
F2 (C10-C16)		<10		10	ug/g	02-OCT-12	02-OCT-12	R2447704
F3 (C16-C34)		277		50	ug/g	02-OCT-12	02-OCT-12	R2447704
F4 (C34-C50)		68		50	ug/g	02-OCT-12	02-OCT-12	R2447704

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1216304-22 19409 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Hydrocarbons Total Hydrocarbons (C6-C50) Chrom. to baseline at nC50 Surrogate: 2-Bromobenzotrifluoride Surrogate: 3,4-Dichlorotoluene Surrogate: Octacosane								
		345		50	ug/g		02-OCT-12	
		YES				02-OCT-12	02-OCT-12	R2447704
		90.8		60-140	%	02-OCT-12	02-OCT-12	R2447704
		118.4		60-140	%	28-SEP-12	02-OCT-12	R2447208
		108.9		60-140	%	02-OCT-12	02-OCT-12	R2447704
L1216304-23 19410A Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Polychlorinated Biphenyls Aroclor 1242 Aroclor 1248 Aroclor 1254 Aroclor 1260 Total PCBs Surrogate: d14-Terphenyl								
		13.1		0.10	%	28-SEP-12	28-SEP-12	R2445844
		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
		<0.020		0.020	mg/kg	01-OCT-12	01-OCT-12	R2447266
		110.3		50-150	%	01-OCT-12	01-OCT-12	R2447266
L1216304-24 19410B Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Polychlorinated Biphenyls Aroclor 1242 Aroclor 1248 Aroclor 1254 Aroclor 1260 Total PCBs Surrogate: d14-Terphenyl								
		15.3		0.10	%	01-OCT-12	01-OCT-12	R2447153
		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
		<0.020		0.020	mg/kg	01-OCT-12	01-OCT-12	R2447266
		120.7		50-150	%	01-OCT-12	01-OCT-12	R2447266
L1216304-25 19410 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Metals Arsenic (As) Cadmium (Cd) Chromium (Cr) Cobalt (Co) Copper (Cu) Lead (Pb) Mercury (Hg) Nickel (Ni) Zinc (Zn)								
		18.2		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		<0.50		0.50	ug/g	02-OCT-12	03-OCT-12	R2449270
		98.0		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		11.3		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		43.3		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		8.0		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		<0.010		0.010	mg/kg	01-OCT-12	03-OCT-12	R2448743
		36.9		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		85.8		5.0	ug/g	02-OCT-12	03-OCT-12	R2449270
L1216304-26	19410C							

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1216304-26 19410C Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Hydrocarbons F1 (C6-C10) F2 (C10-C16) F3 (C16-C34) F4 (C34-C50) Total Hydrocarbons (C6-C50) Chrom. to baseline at nC50 Surrogate: 2-Bromobenzotrifluoride Surrogate: 3,4-Dichlorotoluene Surrogate: Octacosane		12.8	ABL	0.10	%	01-OCT-12	01-OCT-12	R2447153
L1216304-27 19411 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Metals Arsenic (As) Cadmium (Cd) Chromium (Cr) Cobalt (Co) Copper (Cu) Lead (Pb) Mercury (Hg) Nickel (Ni) Zinc (Zn) Hydrocarbons F1 (C6-C10) F2 (C10-C16) F3 (C16-C34) F4 (C34-C50) Total Hydrocarbons (C6-C50) Chrom. to baseline at nC50 Surrogate: 2-Bromobenzotrifluoride Surrogate: 3,4-Dichlorotoluene Surrogate: Octacosane		14.2	ABL	0.10	%	01-OCT-12	01-OCT-12	R2447153
L1216304-28 19412 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Metals Arsenic (As)		16.1	ABL	0.10	%	01-OCT-12	01-OCT-12	R2447153

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1216304-28 19412 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL								
Metals								
Cadmium (Cd)		<0.50		0.50	ug/g	02-OCT-12	03-OCT-12	R2449270
Chromium (Cr)		61.1		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Cobalt (Co)		13.8		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Copper (Cu)		88.1		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Lead (Pb)		13.4		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Mercury (Hg)		0.011		0.010	mg/kg	01-OCT-12	03-OCT-12	R2448743
Nickel (Ni)		57.8		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Zinc (Zn)		121		5.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Polychlorinated Biphenyls								
Aroclor 1242		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
Aroclor 1248		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
Aroclor 1254		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
Aroclor 1260		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
Total PCBs		<0.020		0.020	mg/kg	01-OCT-12	01-OCT-12	R2447266
Surrogate: d14-Terphenyl		117.6		50-150	%	01-OCT-12	01-OCT-12	R2447266
L1216304-29 19413 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL								
Physical Tests								
% Moisture		17.7		0.10	%	01-OCT-12	01-OCT-12	R2447153
Hydrocarbons								
F1 (C6-C10)		<5.0	ABL	5.0	ug/g	28-SEP-12	02-OCT-12	R2447208
F2 (C10-C16)		<10		10	ug/g	02-OCT-12	02-OCT-12	R2447704
F3 (C16-C34)		<50		50	ug/g	02-OCT-12	02-OCT-12	R2447704
F4 (C34-C50)		<50		50	ug/g	02-OCT-12	02-OCT-12	R2447704
Total Hydrocarbons (C6-C50)		<50		50	ug/g		02-OCT-12	
Chrom. to baseline at nC50		YES				02-OCT-12	02-OCT-12	R2447704
Surrogate: 2-Bromobenzotrifluoride		89.6		60-140	%	02-OCT-12	02-OCT-12	R2447704
Surrogate: 3,4-Dichlorotoluene		102.9		60-140	%	28-SEP-12	02-OCT-12	R2447208
Surrogate: Octacosane		106.0		60-140	%	02-OCT-12	02-OCT-12	R2447704
L1216304-30 19414 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL								
Physical Tests								
% Moisture		9.78		0.10	%	01-OCT-12	01-OCT-12	R2447153
Metals								
Arsenic (As)		45.1		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Cadmium (Cd)		<0.50		0.50	ug/g	02-OCT-12	03-OCT-12	R2449270
Chromium (Cr)		53.9		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Cobalt (Co)		19.5		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Copper (Cu)		69.4		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Lead (Pb)		12.2		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1216304-30 19414 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Metals Mercury (Hg) Nickel (Ni) Zinc (Zn) Polychlorinated Biphenyls Aroclor 1242 Aroclor 1248 Aroclor 1254 Aroclor 1260 Total PCBs Surrogate: d14-Terphenyl								
		<0.010		0.010	mg/kg	01-OCT-12	03-OCT-12	R2448743
		52.3		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		104		5.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
		0.013		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
		<0.020		0.020	mg/kg	01-OCT-12	01-OCT-12	R2447266
		111.6		50-150	%	01-OCT-12	01-OCT-12	R2447266
L1216304-31 19415 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Hydrocarbons F1 (C6-C10) F2 (C10-C16) F3 (C16-C34) F4 (C34-C50) Total Hydrocarbons (C6-C50) Chrom. to baseline at nC50 Surrogate: 2-Bromobenzotrifluoride Surrogate: 3,4-Dichlorotoluene Surrogate: Octacosane								
		11.7		0.10	%	01-OCT-12	01-OCT-12	R2447153
		<5.0	ABL	5.0	ug/g	28-SEP-12	02-OCT-12	R2447208
		<10		10	ug/g	02-OCT-12	02-OCT-12	R2447704
		95		50	ug/g	02-OCT-12	02-OCT-12	R2447704
		<50		50	ug/g	02-OCT-12	02-OCT-12	R2447704
		95		50	ug/g		02-OCT-12	
		YES				02-OCT-12	02-OCT-12	R2447704
		89.3		60-140	%	02-OCT-12	02-OCT-12	R2447704
		123.0		60-140	%	28-SEP-12	02-OCT-12	R2447208
		104.8		60-140	%	02-OCT-12	02-OCT-12	R2447704
L1216304-32 19416 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Metals Arsenic (As) Cadmium (Cd) Chromium (Cr) Cobalt (Co) Copper (Cu) Lead (Pb) Mercury (Hg) Nickel (Ni) Zinc (Zn) Polychlorinated Biphenyls Aroclor 1242 Aroclor 1248								
		9.42		0.10	%	01-OCT-12	01-OCT-12	R2447153
		57.7		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		<0.50		0.50	ug/g	02-OCT-12	03-OCT-12	R2449270
		71.0		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		16.2		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		53.6		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		13.9		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		<0.010		0.010	mg/kg	01-OCT-12	03-OCT-12	R2448743
		55.1		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		111		5.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1216304-32 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Polychlorinated Biphenyls								
	Aroclor 1254	<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
	Aroclor 1260	<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
	Total PCBs	<0.020		0.020	mg/kg	01-OCT-12	01-OCT-12	R2447266
	Surrogate: d14-Terphenyl	115.5		50-150	%	01-OCT-12	01-OCT-12	R2447266
L1216304-33 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests								
	% Moisture	10.2		0.10	%	01-OCT-12	01-OCT-12	R2447153
	Hydrocarbons							
	F1 (C6-C10)	<5.0	ABL	5.0	ug/g	28-SEP-12	02-OCT-12	R2447208
	F2 (C10-C16)	<10		10	ug/g	02-OCT-12	02-OCT-12	R2447704
	F3 (C16-C34)	66		50	ug/g	02-OCT-12	02-OCT-12	R2447704
	F4 (C34-C50)	<50		50	ug/g	02-OCT-12	02-OCT-12	R2447704
	Total Hydrocarbons (C6-C50)	66		50	ug/g		02-OCT-12	
	Chrom. to baseline at nC50	YES				02-OCT-12	02-OCT-12	R2447704
	Surrogate: 2-Bromobenzotrifluoride	87.4		60-140	%	02-OCT-12	02-OCT-12	R2447704
	Surrogate: 3,4-Dichlorotoluene	113.7	60-140	%	28-SEP-12	02-OCT-12	R2447208	
	Surrogate: Octacosane	103.2	60-140	%	02-OCT-12	02-OCT-12	R2447704	
L1216304-34 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests								
	% Moisture	20.5		0.10	%	01-OCT-12	01-OCT-12	R2447153
	Metals							
	Arsenic (As)	60.2		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Cadmium (Cd)	<0.50		0.50	ug/g	02-OCT-12	03-OCT-12	R2449270
	Chromium (Cr)	71.5		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Cobalt (Co)	13.7		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Copper (Cu)	51.2		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Lead (Pb)	19.4		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Mercury (Hg)	0.034		0.010	mg/kg	01-OCT-12	03-OCT-12	R2448743
	Nickel (Ni)	51.0		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Zinc (Zn)	106		5.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Polychlorinated Biphenyls							
	Aroclor 1242	<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
	Aroclor 1248	<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
	Aroclor 1254	<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
	Aroclor 1260	<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
	Total PCBs	<0.020		0.020	mg/kg	01-OCT-12	01-OCT-12	R2447266
	Surrogate: d14-Terphenyl	119.5		50-150	%	01-OCT-12	01-OCT-12	R2447266
L1216304-35 Sampled By: CLIENT on 11-SEP-12								

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1216304-35 19419 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Hydrocarbons F1 (C6-C10) F2 (C10-C16) F3 (C16-C34) F4 (C34-C50) Total Hydrocarbons (C6-C50) Chrom. to baseline at nC50 Surrogate: 2-Bromobenzotrifluoride Surrogate: 3,4-Dichlorotoluene Surrogate: Octacosane	19419 CLIENT on 11-SEP-12 SOIL							
		13.7		0.10	%	01-OCT-12	01-OCT-12	R2447153
			ABL	5.0	ug/g	28-SEP-12	02-OCT-12	R2447208
		<5.0		10	ug/g	02-OCT-12	02-OCT-12	R2447704
		100		50	ug/g	02-OCT-12	02-OCT-12	R2447704
		<50		50	ug/g	02-OCT-12	02-OCT-12	R2447704
		100		50	ug/g		02-OCT-12	
		YES				02-OCT-12	02-OCT-12	R2447704
		86.4		60-140	%	02-OCT-12	02-OCT-12	R2447704
		118.0		60-140	%	28-SEP-12	02-OCT-12	R2447208
		105.2		60-140	%	02-OCT-12	02-OCT-12	R2447704
L1216304-36 19420A Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Polychlorinated Biphenyls Aroclor 1242 Aroclor 1248 Aroclor 1254 Aroclor 1260 Total PCBs Surrogate: d14-Terphenyl	19420A CLIENT on 11-SEP-12 SOIL							
		26.7		0.10	%	01-OCT-12	01-OCT-12	R2447153
		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
		<0.020		0.020	mg/kg	01-OCT-12	01-OCT-12	R2447266
		123.8		50-150	%	01-OCT-12	01-OCT-12	R2447266
L1216304-37 19420 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Metals Arsenic (As) Cadmium (Cd) Chromium (Cr) Cobalt (Co) Copper (Cu) Lead (Pb) Mercury (Hg) Nickel (Ni) Zinc (Zn)	19420 CLIENT on 11-SEP-12 SOIL							
		14.3		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		<0.50		0.50	ug/g	02-OCT-12	03-OCT-12	R2449270
		89.3		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		11.1		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		39.3		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		7.3		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		<0.010		0.010	mg/kg	01-OCT-12	03-OCT-12	R2448743
		37.0		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		86.6		5.0	ug/g	02-OCT-12	03-OCT-12	R2449270
L1216304-38 19421 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Hydrocarbons F1 (C6-C10)	19421 CLIENT on 11-SEP-12 SOIL							
		22.0		0.10	%	01-OCT-12	01-OCT-12	R2447153
		<5.0	ABL	5.0	ug/g	28-SEP-12	02-OCT-12	R2447208

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1216304-38 19421 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL								
Hydrocarbons								
F2 (C10-C16)		<10		10	ug/g	02-OCT-12	02-OCT-12	R2447704
F3 (C16-C34)		138		50	ug/g	02-OCT-12	02-OCT-12	R2447704
F4 (C34-C50)		66		50	ug/g	02-OCT-12	02-OCT-12	R2447704
Total Hydrocarbons (C6-C50)		204		50	ug/g		02-OCT-12	
Chrom. to baseline at nC50		YES				02-OCT-12	02-OCT-12	R2447704
Surrogate: 2-Bromobenzotrifluoride		93.6		60-140	%	02-OCT-12	02-OCT-12	R2447704
Surrogate: 3,4-Dichlorotoluene		101.2		60-140	%	28-SEP-12	02-OCT-12	R2447208
Surrogate: Octacosane		112.8		60-140	%	02-OCT-12	02-OCT-12	R2447704
L1216304-39 19422 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL								
Physical Tests								
% Moisture		18.0		0.10	%	01-OCT-12	01-OCT-12	R2447153
Metals								
Arsenic (As)		95.5		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Cadmium (Cd)		<0.50		0.50	ug/g	02-OCT-12	03-OCT-12	R2449270
Chromium (Cr)		73.2		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Cobalt (Co)		13.5		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Copper (Cu)		149		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Lead (Pb)		29.5		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Mercury (Hg)		0.035		0.010	mg/kg	01-OCT-12	03-OCT-12	R2448743
Nickel (Ni)		60.6		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Zinc (Zn)		112		5.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Polychlorinated Biphenyls								
Aroclor 1242		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
Aroclor 1248		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
Aroclor 1254		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
Aroclor 1260		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
Total PCBs		<0.020		0.020	mg/kg	01-OCT-12	01-OCT-12	R2447266
Surrogate: d14-Terphenyl		119.3		50-150	%	01-OCT-12	01-OCT-12	R2447266
L1216304-40 19423 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL								
Physical Tests								
% Moisture		20.4		0.10	%	01-OCT-12	01-OCT-12	R2447153
Hydrocarbons								
F1 (C6-C10)		<5.0	ABL	5.0	ug/g	28-SEP-12	02-OCT-12	R2447208
F2 (C10-C16)		<10		10	ug/g	02-OCT-12	02-OCT-12	R2447704
F3 (C16-C34)		57		50	ug/g	02-OCT-12	02-OCT-12	R2447704
F4 (C34-C50)		<50		50	ug/g	02-OCT-12	02-OCT-12	R2447704
Total Hydrocarbons (C6-C50)		57		50	ug/g		02-OCT-12	
Chrom. to baseline at nC50		YES				02-OCT-12	02-OCT-12	R2447704

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1216304-40 19423 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Hydrocarbons Surrogate: 2-Bromobenzotrifluoride Surrogate: 3,4-Dichlorotoluene Surrogate: Octacosane								
		91.1		60-140	%	02-OCT-12	02-OCT-12	R2447704
		97.6		60-140	%	28-SEP-12	02-OCT-12	R2447208
		107.2		60-140	%	02-OCT-12	02-OCT-12	R2447704
L1216304-41 19424 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Metals Arsenic (As) Cadmium (Cd) Chromium (Cr) Cobalt (Co) Copper (Cu) Lead (Pb) Mercury (Hg) Nickel (Ni) Zinc (Zn) Polychlorinated Biphenyls Aroclor 1242 Aroclor 1248 Aroclor 1254 Aroclor 1260 Total PCBs Surrogate: d14-Terphenyl								
		12.1		0.10	%	01-OCT-12	01-OCT-12	R2447153
		50.4		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		<0.50		0.50	ug/g	02-OCT-12	03-OCT-12	R2449270
		50.5		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		13.3		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		75.4		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		14.3		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		<0.010		0.010	mg/kg	01-OCT-12	03-OCT-12	R2448743
		51.8		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		89.8		5.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
		<0.020		0.020	mg/kg	01-OCT-12	01-OCT-12	R2447266
		117.5		50-150	%	01-OCT-12	01-OCT-12	R2447266
L1216304-42 19425 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Hydrocarbons F1 (C6-C10) F2 (C10-C16) F3 (C16-C34) F4 (C34-C50) Total Hydrocarbons (C6-C50) Chrom. to baseline at nC50 Surrogate: 2-Bromobenzotrifluoride Surrogate: 3,4-Dichlorotoluene Surrogate: Octacosane								
		12.6		0.10	%	01-OCT-12	01-OCT-12	R2447163
		<5.0	ABL	5.0	ug/g	28-SEP-12	02-OCT-12	R2447208
		<10		10	ug/g	02-OCT-12	02-OCT-12	R2447704
		<50		50	ug/g	02-OCT-12	02-OCT-12	R2447704
		<50		50	ug/g	02-OCT-12	02-OCT-12	R2447704
		<50		50	ug/g		02-OCT-12	
		YES				02-OCT-12	02-OCT-12	R2447704
		87.5		60-140	%	02-OCT-12	02-OCT-12	R2447704
		108.2		60-140	%	28-SEP-12	02-OCT-12	R2447208
		105.6		60-140	%	02-OCT-12	02-OCT-12	R2447704
L1216304-43 19426 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL								

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1216304-43 19426 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL								
Physical Tests								
% Moisture		15.6		0.10	%	01-OCT-12	01-OCT-12	R2447163
Metals								
Arsenic (As)		55.5		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Cadmium (Cd)		<0.50		0.50	ug/g	02-OCT-12	03-OCT-12	R2449270
Chromium (Cr)		56.6		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Cobalt (Co)		12.2		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Copper (Cu)		83.5		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Lead (Pb)		15.2		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Mercury (Hg)		0.012		0.010	mg/kg	01-OCT-12	03-OCT-12	R2448743
Nickel (Ni)		52.1		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Zinc (Zn)		91.2		5.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Polychlorinated Biphenyls								
Aroclor 1242		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
Aroclor 1248		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
Aroclor 1254		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
Aroclor 1260		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
Total PCBs		<0.020		0.020	mg/kg	01-OCT-12	01-OCT-12	R2447266
Surrogate: d14-Terphenyl		113.0		50-150	%	01-OCT-12	01-OCT-12	R2447266
L1216304-44 19427 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL								
Physical Tests								
% Moisture		18.3		0.10	%	01-OCT-12	01-OCT-12	R2447163
Hydrocarbons								
F1 (C6-C10)		<5.0	ABL	5.0	ug/g	28-SEP-12	02-OCT-12	R2447208
F2 (C10-C16)		<10		10	ug/g	02-OCT-12	02-OCT-12	R2447704
F3 (C16-C34)		<50		50	ug/g	02-OCT-12	02-OCT-12	R2447704
F4 (C34-C50)		<50		50	ug/g	02-OCT-12	02-OCT-12	R2447704
Total Hydrocarbons (C6-C50)		<50		50	ug/g		02-OCT-12	
Chrom. to baseline at nC50		YES				02-OCT-12	02-OCT-12	R2447704
Surrogate: 2-Bromobenzotrifluoride		93.4		60-140	%	02-OCT-12	02-OCT-12	R2447704
Surrogate: 3,4-Dichlorotoluene		106.3		60-140	%	28-SEP-12	02-OCT-12	R2447208
Surrogate: Octacosane		107.1		60-140	%	02-OCT-12	02-OCT-12	R2447704
L1216304-45 19428 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL								
Physical Tests								
% Moisture		24.8		0.10	%	01-OCT-12	01-OCT-12	R2447163
Metals								
Arsenic (As)		61.0		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Cadmium (Cd)		<0.50		0.50	ug/g	02-OCT-12	03-OCT-12	R2449270
Chromium (Cr)		60.6		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Cobalt (Co)		15.1		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1216304-45 19428 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL								
Metals								
Copper (Cu)		51.5		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Lead (Pb)		16.0		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Mercury (Hg)		0.021		0.010	mg/kg	01-OCT-12	03-OCT-12	R2448743
Nickel (Ni)		55.7		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Zinc (Zn)		92.0		5.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Polychlorinated Biphenyls								
Aroclor 1242		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
Aroclor 1248		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
Aroclor 1254		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
Aroclor 1260		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
Total PCBs		<0.020		0.020	mg/kg	01-OCT-12	01-OCT-12	R2447266
Surrogate: d14-Terphenyl		117.5		50-150	%	01-OCT-12	01-OCT-12	R2447266
L1216304-46 19429 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL								
Physical Tests								
% Moisture		14.1		0.10	%	01-OCT-12	01-OCT-12	R2447163
Hydrocarbons								
F1 (C6-C10)		<5.0	ABL	5.0	ug/g	28-SEP-12	02-OCT-12	R2447208
F2 (C10-C16)		<10		10	ug/g	02-OCT-12	02-OCT-12	R2447704
F3 (C16-C34)		<50		50	ug/g	02-OCT-12	02-OCT-12	R2447704
F4 (C34-C50)		<50		50	ug/g	02-OCT-12	02-OCT-12	R2447704
Total Hydrocarbons (C6-C50)		<50		50	ug/g		02-OCT-12	
Chrom. to baseline at nC50		YES				02-OCT-12	02-OCT-12	R2447704
Surrogate: 2-Bromobenzotrifluoride		91.4		60-140	%	02-OCT-12	02-OCT-12	R2447704
Surrogate: 3,4-Dichlorotoluene		120.8		60-140	%	28-SEP-12	02-OCT-12	R2447208
Surrogate: Octacosane		107.6		60-140	%	02-OCT-12	02-OCT-12	R2447704
L1216304-47 19430A Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL								
Physical Tests								
% Moisture		16.3		0.10	%	01-OCT-12	01-OCT-12	R2447163
Polychlorinated Biphenyls								
Aroclor 1242		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
Aroclor 1248		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
Aroclor 1254		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
Aroclor 1260		<0.010		0.010	mg/kg	01-OCT-12	01-OCT-12	R2447266
Total PCBs		<0.020		0.020	mg/kg	01-OCT-12	01-OCT-12	R2447266
Surrogate: d14-Terphenyl		119.8		50-150	%	01-OCT-12	01-OCT-12	R2447266
L1216304-48 19430B Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL								
Physical Tests								

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1216304-48 19430B Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Polychlorinated Biphenyls Aroclor 1242 Aroclor 1248 Aroclor 1254 Aroclor 1260 Total PCBs Surrogate: d14-Terphenyl		10.7		0.10	%	01-OCT-12	01-OCT-12	R2447163
L1216304-49 19430 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Metals Arsenic (As) Cadmium (Cd) Chromium (Cr) Cobalt (Co) Copper (Cu) Lead (Pb) Mercury (Hg) Nickel (Ni) Zinc (Zn)		<0.010 <0.010 99.2 13.0 50.7 11.1 <0.010 42.0 86.7		0.010 0.50 1.0 1.0 1.0 1.0 0.010 1.0 5.0	mg/kg mg/kg ug/g ug/g ug/g ug/g mg/kg ug/g ug/g	01-OCT-12 01-OCT-12 01-OCT-12 01-OCT-12 01-OCT-12 01-OCT-12 01-OCT-12 02-OCT-12 02-OCT-12	01-OCT-12 01-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12	R2447266 R2447266 R2447266 R2447266 R2447266 R2447266 R2448743 R2449270 R2449270
L1216304-50 19430C Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Hydrocarbons F1 (C6-C10) F2 (C10-C16) F3 (C16-C34) F4 (C34-C50) Total Hydrocarbons (C6-C50) Chrom. to baseline at nC50 Surrogate: 2-Bromobenzotrifluoride Surrogate: 3,4-Dichlorotoluene Surrogate: Octacosane		20.3 <5.0 <10 <50 <50 <50 YES 93.8 120.8 111.1	ABL	0.10 5.0 10 50 50 50 60-140 60-140 60-140	% ug/g ug/g ug/g ug/g ug/g % % %	01-OCT-12 28-SEP-12 02-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12 28-SEP-12 02-OCT-12	01-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12	R2447163 R2447208 R2447704 R2447704 R2447704 R2447704 R2447704 R2447704 R2447208 R2447704
L1216304-51 19431 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Metals Arsenic (As)		14.8 8.7		0.10 1.0	% ug/g	01-OCT-12 02-OCT-12	01-OCT-12 03-OCT-12	R2447163 R2449270

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1216304-51 19431 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Metals Cadmium (Cd) Chromium (Cr) Cobalt (Co) Copper (Cu) Lead (Pb) Mercury (Hg) Nickel (Ni) Zinc (Zn) Hydrocarbons F1 (C6-C10) F2 (C10-C16) F3 (C16-C34) F4 (C34-C50) Total Hydrocarbons (C6-C50) Chrom. to baseline at nC50 Surrogate: 2-Bromobenzotrifluoride Surrogate: 3,4-Dichlorotoluene Surrogate: Octacosane								
		<0.50		0.50	ug/g	02-OCT-12	03-OCT-12	R2449270
		66.8		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		8.2		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		23.4		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		9.1		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		<0.010		0.010	mg/kg	01-OCT-12	03-OCT-12	R2448743
		26.3		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		78.4		5.0	ug/g	02-OCT-12	03-OCT-12	R2449270
L1216304-52 19432 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Metals Arsenic (As) Cadmium (Cd) Chromium (Cr) Cobalt (Co) Copper (Cu) Lead (Pb) Mercury (Hg) Nickel (Ni) Zinc (Zn) Polychlorinated Biphenyls Aroclor 1242 Aroclor 1248 Aroclor 1254 Aroclor 1260 Total PCBs Surrogate: d14-Terphenyl								
		70.9		0.10	%	01-OCT-12	01-OCT-12	R2447163
		7.0		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		1.67		0.50	ug/g	02-OCT-12	03-OCT-12	R2449270
		16.9		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		30.0		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		52.3		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		9.1		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		0.373		0.010	mg/kg	01-OCT-12	03-OCT-12	R2448743
		46.7		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		122		5.0	ug/g	02-OCT-12	03-OCT-12	R2449270
L1216304-53 19433 Sampled By: CLIENT on 11-SEP-12 Matrix:								

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1216304-53 19433 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Hydrocarbons F1 (C6-C10) F2 (C10-C16) F3 (C16-C34) F4 (C34-C50) F4G-SG (GHH-Silica) Total Hydrocarbons (C6-C50) Chrom. to baseline at nC50 Surrogate: 2-Bromobenzotrifluoride Surrogate: 3,4-Dichlorotoluene Surrogate: Octacosane		45.9	ABL	0.10	%	01-OCT-12	01-OCT-12	R2447163
L1216304-54 19434 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Metals Arsenic (As) Cadmium (Cd) Chromium (Cr) Cobalt (Co) Copper (Cu) Lead (Pb) Mercury (Hg) Nickel (Ni) Zinc (Zn) Polychlorinated Biphenyls Aroclor 1242 Aroclor 1248 Aroclor 1254 Aroclor 1260 Total PCBs Surrogate: d14-Terphenyl		2.92		0.10	%	01-OCT-12	01-OCT-12	R2447163
L1216304-55 19435 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Hydrocarbons F1 (C6-C10) F2 (C10-C16) F3 (C16-C34)		3.42	ABL	0.10	%	01-OCT-12	01-OCT-12	R2447163

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1216304-55 19435 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL								
Hydrocarbons								
F4 (C34-C50)		<50		50	ug/g	05-OCT-12	05-OCT-12	R2450221
Total Hydrocarbons (C6-C50)		<50		50	ug/g		05-OCT-12	
Chrom. to baseline at nC50		YES				05-OCT-12	05-OCT-12	R2450221
Surrogate: 2-Bromobenzotrifluoride		77.5		60-140	%	05-OCT-12	05-OCT-12	R2450221
Surrogate: 3,4-Dichlorotoluene		105.7		60-140	%	28-SEP-12	02-OCT-12	R2447208
Surrogate: Octacosane		91.1		60-140	%	05-OCT-12	05-OCT-12	R2450221
L1216304-56 19436 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL								
Physical Tests								
% Moisture		15.9		0.10	%	01-OCT-12	01-OCT-12	R2447163
Metals								
Arsenic (As)		32.0		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Cadmium (Cd)		<0.50		0.50	ug/g	02-OCT-12	03-OCT-12	R2449270
Chromium (Cr)		80.5		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Cobalt (Co)		10.3		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Copper (Cu)		159		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Lead (Pb)		30.2		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Mercury (Hg)		0.031		0.010	mg/kg	01-OCT-12	03-OCT-12	R2448743
Nickel (Ni)		33.2		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Zinc (Zn)		119		5.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Polychlorinated Biphenyls								
Aroclor 1242		<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448177
Aroclor 1248		<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448177
Aroclor 1254		<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448177
Aroclor 1260		<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448177
Total PCBs		<0.020		0.020	mg/kg	02-OCT-12	03-OCT-12	R2448177
Surrogate: d14-Terphenyl		108.0		50-150	%	02-OCT-12	03-OCT-12	R2448177
L1216304-57 19437 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL								
Physical Tests								
% Moisture		10.1		0.10	%	01-OCT-12	01-OCT-12	R2447163
Hydrocarbons								
F1 (C6-C10)		<5.0	ABL	5.0	ug/g	01-OCT-12	02-OCT-12	R2447420
F2 (C10-C16)		<10		10	ug/g	02-OCT-12	02-OCT-12	R2447704
F3 (C16-C34)		<50		50	ug/g	02-OCT-12	02-OCT-12	R2447704
F4 (C34-C50)		<50		50	ug/g	02-OCT-12	02-OCT-12	R2447704
Total Hydrocarbons (C6-C50)		<50		50	ug/g		02-OCT-12	
Chrom. to baseline at nC50		YES				02-OCT-12	02-OCT-12	R2447704
Surrogate: 2-Bromobenzotrifluoride		87.7		60-140	%	02-OCT-12	02-OCT-12	R2447704
Surrogate: 3,4-Dichlorotoluene		107.9		50-140	%	01-OCT-12	02-OCT-12	R2447420

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1216304-57 19437 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Hydrocarbons Surrogate: Octacosane Report Remarks : ; Analysis compromised due to type of sample jar received. Losses may have occurred according to 511 Regulation. Sample has headspace.		109.7		60-140	%	02-OCT-12	02-OCT-12	R2447704
L1216304-58 19438 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Metals Arsenic (As) Cadmium (Cd) Chromium (Cr) Cobalt (Co) Copper (Cu) Lead (Pb) Mercury (Hg) Nickel (Ni) Zinc (Zn) Polychlorinated Biphenyls Aroclor 1242 Aroclor 1248 Aroclor 1254 Aroclor 1260 Total PCBs Surrogate: d14-Terphenyl		19.4 50.7 <0.50 88.1 15.6 228 48.1 0.031 48.9 155 <0.010 <0.010 <0.010 <0.010 <0.020 114.4		0.10 1.0 0.50 1.0 1.0 1.0 0.010 1.0 5.0 0.010 0.010 0.010 0.010 0.020 50-150	% ug/g ug/g ug/g ug/g ug/g mg/kg ug/g ug/g mg/kg mg/kg mg/kg mg/kg mg/kg %	01-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12 01-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12	01-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12	R2447163 R2449270 R2449270 R2449270 R2449270 R2449270 R2448743 R2449270 R2449270 R2448177 R2448177 R2448177 R2448177 R2448177 R2448177
L1216304-59 19439 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Hydrocarbons F1 (C6-C10) F2 (C10-C16) F3 (C16-C34) F4 (C34-C50) Total Hydrocarbons (C6-C50) Chrom. to baseline at nC50 Surrogate: 2-Bromobenzotrifluoride Surrogate: 3,4-Dichlorotoluene Surrogate: Octacosane Report Remarks : ; Analysis compromised due to type of sample jar received. Losses may have occurred according to 511 Regulation. Sample has headspace.		21.5 <5.0 <10 146 <50 146 YES 86.2 113.0 101.8	ABL	0.10 5.0 10 50 50 50 60-140 50-140 60-140	% ug/g ug/g ug/g ug/g % % %	01-OCT-12 01-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 01-OCT-12 03-OCT-12	01-OCT-12 02-OCT-12 04-OCT-12 04-OCT-12 04-OCT-12 04-OCT-12 04-OCT-12 02-OCT-12 04-OCT-12	R2447163 R2447420 R2449034 R2449034 R2449034 R2449034 R2449034 R2447420 R2449034
L1216304-60 19440A Sampled By: CLIENT on 11-SEP-12								

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1216304-60 19440A Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Polychlorinated Biphenyls Aroclor 1242 Aroclor 1248 Aroclor 1254 Aroclor 1260 Total PCBs Surrogate: d14-Terphenyl		69.4		0.10	%	01-OCT-12	01-OCT-12	R2447163
		<0.020	DLHM	0.020	mg/kg	02-OCT-12	03-OCT-12	R2448177
		<0.020	DLHM	0.020	mg/kg	02-OCT-12	03-OCT-12	R2448177
		<0.020	DLHM	0.020	mg/kg	02-OCT-12	03-OCT-12	R2448177
		<0.020	DLHM	0.020	mg/kg	02-OCT-12	03-OCT-12	R2448177
		<0.040	DLHM	0.040	mg/kg	02-OCT-12	03-OCT-12	R2448177
		106.9		50-150	%	02-OCT-12	03-OCT-12	R2448177
L1216304-61 19440 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Metals Arsenic (As) Cadmium (Cd) Chromium (Cr) Cobalt (Co) Copper (Cu) Lead (Pb) Mercury (Hg) Nickel (Ni) Zinc (Zn)		31.9		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		<0.50		0.50	ug/g	02-OCT-12	03-OCT-12	R2449270
		107		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		12.0		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		62.2		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		10.3		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		0.014		0.010	mg/kg	01-OCT-12	03-OCT-12	R2448743
		43.7		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		92.4		5.0	ug/g	02-OCT-12	03-OCT-12	R2449270
L1216304-62 19441 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Hydrocarbons F1 (C6-C10) F2 (C10-C16) F3 (C16-C34) F4 (C34-C50) Total Hydrocarbons (C6-C50) Chrom. to baseline at nC50 Surrogate: 2-Bromobenzotrifluoride Surrogate: 3,4-Dichlorotoluene Surrogate: Octacosane Report Remarks : ; Analysis compromised due to type of sample jar received. Loses may have occurred according to 511 Regulation. Sample has headspace.		44.4		0.10	%	01-OCT-12	01-OCT-12	R2447163
		<5.0	ABL	5.0	ug/g	01-OCT-12	02-OCT-12	R2447420
		<10		10	ug/g	03-OCT-12	04-OCT-12	R2449034
		109		50	ug/g	03-OCT-12	04-OCT-12	R2449034
		53		50	ug/g	03-OCT-12	04-OCT-12	R2449034
		162		50	ug/g		04-OCT-12	
		YES				03-OCT-12	04-OCT-12	R2449034
		87.1		60-140	%	03-OCT-12	04-OCT-12	R2449034
		94.9		50-140	%	01-OCT-12	02-OCT-12	R2447420
		109.9		60-140	%	03-OCT-12	04-OCT-12	R2449034
L1216304-63 19442 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Metals		16.5		0.10	%	01-OCT-12	01-OCT-12	R2447155

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1216304-63 19442 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL								
Metals								
Arsenic (As)		71.4		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Cadmium (Cd)		<0.50		0.50	ug/g	02-OCT-12	03-OCT-12	R2449270
Chromium (Cr)		116		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Cobalt (Co)		44.2		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Copper (Cu)		144		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Lead (Pb)		17.3		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Mercury (Hg)		<0.010		0.010	mg/kg	01-OCT-12	03-OCT-12	R2448743
Nickel (Ni)		192		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Zinc (Zn)		456		5.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Polychlorinated Biphenyls								
Aroclor 1242		<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448177
Aroclor 1248		<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448177
Aroclor 1254		<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448177
Aroclor 1260		<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448177
Total PCBs		<0.020		0.020	mg/kg	02-OCT-12	03-OCT-12	R2448177
Surrogate: d14-Terphenyl		116.8		50-150	%	02-OCT-12	03-OCT-12	R2448177
L1216304-64 19443 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL								
Physical Tests								
% Moisture		19.9		0.10	%	01-OCT-12	01-OCT-12	R2447155
Hydrocarbons								
F1 (C6-C10)		<5.0	ABL	5.0	ug/g	01-OCT-12	02-OCT-12	R2447420
F2 (C10-C16)		<10		10	ug/g	03-OCT-12	04-OCT-12	R2449034
F3 (C16-C34)		<50		50	ug/g	03-OCT-12	04-OCT-12	R2449034
F4 (C34-C50)		<50		50	ug/g	03-OCT-12	04-OCT-12	R2449034
Total Hydrocarbons (C6-C50)		<50		50	ug/g		04-OCT-12	
Chrom. to baseline at nC50		YES				03-OCT-12	04-OCT-12	R2449034
Surrogate: 2-Bromobenzotrifluoride		84.2		60-140	%	03-OCT-12	04-OCT-12	R2449034
Surrogate: 3,4-Dichlorotoluene		110.5		50-140	%	01-OCT-12	02-OCT-12	R2447420
Surrogate: Octacosane		106.2		60-140	%	03-OCT-12	04-OCT-12	R2449034
Report Remarks : ; Analysis compromised due to type of sample jar received. Loses may have occurred according to 511 Regulation. Sample has headspace.								
L1216304-65 19444 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL								
Physical Tests								
% Moisture		70.0		0.10	%	01-OCT-12	01-OCT-12	R2447155
Metals								
Arsenic (As)		15.4		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Cadmium (Cd)		0.72		0.50	ug/g	02-OCT-12	03-OCT-12	R2449270
Chromium (Cr)		55.1		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Cobalt (Co)		32.6		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1216304-65 19444 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL								
Metals								
Copper (Cu)		160		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Lead (Pb)		8.0		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Mercury (Hg)		0.050		0.010	mg/kg	01-OCT-12	03-OCT-12	R2448743
Nickel (Ni)		203		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Zinc (Zn)		192		5.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Polychlorinated Biphenyls								
Aroclor 1242		<0.020	DLHM	0.020	mg/kg	02-OCT-12	03-OCT-12	R2448177
Aroclor 1248		<0.020	DLHM	0.020	mg/kg	02-OCT-12	03-OCT-12	R2448177
Aroclor 1254		<0.020	DLHM	0.020	mg/kg	02-OCT-12	03-OCT-12	R2448177
Aroclor 1260		<0.020	DLHM	0.020	mg/kg	02-OCT-12	03-OCT-12	R2448177
Total PCBs		<0.040	DLHM	0.040	mg/kg	02-OCT-12	03-OCT-12	R2448177
Surrogate: d14-Terphenyl		108.3		50-150	%	02-OCT-12	03-OCT-12	R2448177
L1216304-66 19445 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL								
Physical Tests								
% Moisture		26.5		0.10	%	01-OCT-12	01-OCT-12	R2447155
Hydrocarbons								
F1 (C6-C10)		<5.0	ABL	5.0	ug/g	01-OCT-12	02-OCT-12	R2447420
F2 (C10-C16)		<10		10	ug/g	03-OCT-12	04-OCT-12	R2449034
F3 (C16-C34)		<50		50	ug/g	03-OCT-12	04-OCT-12	R2449034
F4 (C34-C50)		<50		50	ug/g	03-OCT-12	04-OCT-12	R2449034
Total Hydrocarbons (C6-C50)		<50		50	ug/g		04-OCT-12	
Chrom. to baseline at nC50		YES				03-OCT-12	04-OCT-12	R2449034
Surrogate: 2-Bromobenzotrifluoride		87.5		60-140	%	03-OCT-12	04-OCT-12	R2449034
Surrogate: 3,4-Dichlorotoluene		98.8		50-140	%	01-OCT-12	02-OCT-12	R2447420
Surrogate: Octacosane		107.7		60-140	%	03-OCT-12	04-OCT-12	R2449034
Report Remarks : ; Analysis compromised due to type of sample jar received. Losses may have occurred according to 511 Regulation. Sample has headspace.								
L1216304-67 19446 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL								
Physical Tests								
% Moisture		14.1		0.10	%	01-OCT-12	01-OCT-12	R2447155
Metals								
Arsenic (As)		42.8		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Cadmium (Cd)		<0.50		0.50	ug/g	02-OCT-12	03-OCT-12	R2449270
Chromium (Cr)		68.3		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Cobalt (Co)		19.8		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Copper (Cu)		125		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Lead (Pb)		12.4		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Mercury (Hg)		<0.010		0.010	mg/kg	01-OCT-12	03-OCT-12	R2448743
Nickel (Ni)		59.2		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1216304-67 19446 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Metals Zinc (Zn) Polychlorinated Biphenyls Aroclor 1242 Aroclor 1248 Aroclor 1254 Aroclor 1260 Total PCBs Surrogate: d14-Terphenyl								
		228		5.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448177
		<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448177
		<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448177
		<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448177
		<0.020		0.020	mg/kg	02-OCT-12	03-OCT-12	R2448177
		110.9		50-150	%	02-OCT-12	03-OCT-12	R2448177
L1216304-68 19447 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Hydrocarbons F1 (C6-C10) F2 (C10-C16) F3 (C16-C34) F4 (C34-C50) Total Hydrocarbons (C6-C50) Chrom. to baseline at nC50 Surrogate: 2-Bromobenzotrifluoride Surrogate: 3,4-Dichlorotoluene Surrogate: Octacosane Report Remarks : ; Analysis compromised due to type of sample jar received. Loses may have occurred according to 511 Regulation. Sample has headspace.								
		15.6		0.10	%	01-OCT-12	01-OCT-12	R2447155
		<5.0	ABL	5.0	ug/g	01-OCT-12	02-OCT-12	R2447420
		<10		10	ug/g	03-OCT-12	04-OCT-12	R2449034
		<50		50	ug/g	03-OCT-12	04-OCT-12	R2449034
		<50		50	ug/g	03-OCT-12	04-OCT-12	R2449034
		<50		50	ug/g		04-OCT-12	
		YES				03-OCT-12	04-OCT-12	R2449034
		90.7		60-140	%	03-OCT-12	04-OCT-12	R2449034
		97.2		50-140	%	01-OCT-12	02-OCT-12	R2447420
		112.8		60-140	%	03-OCT-12	04-OCT-12	R2449034
		Report Remarks : ; Analysis compromised due to type of sample jar received. Loses may have occurred according to 511 Regulation. Sample has headspace.						
L1216304-69 19448 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Metals Arsenic (As) Cadmium (Cd) Chromium (Cr) Cobalt (Co) Copper (Cu) Lead (Pb) Mercury (Hg) Nickel (Ni) Zinc (Zn) Polychlorinated Biphenyls Aroclor 1242 Aroclor 1248								
		76.1		0.10	%	01-OCT-12	01-OCT-12	R2447155
		29.7		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		1.48		0.50	ug/g	02-OCT-12	03-OCT-12	R2449270
		32.9		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		156		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		509		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		8.4		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		0.088		0.010	mg/kg	01-OCT-12	03-OCT-12	R2448743
		368		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		134		5.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		<0.030	DLHM	0.030	mg/kg	02-OCT-12	03-OCT-12	R2448177
		<0.030	DLHM	0.030	mg/kg	02-OCT-12	03-OCT-12	R2448177

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1216304-69 19448 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Polychlorinated Biphenyls Aroclor 1254 Aroclor 1260 Total PCBs Surrogate: d14-Terphenyl								
		<0.030	DLHM	0.030	mg/kg	02-OCT-12	03-OCT-12	R2448177
		<0.030	DLHM	0.030	mg/kg	02-OCT-12	03-OCT-12	R2448177
		<0.060	DLHM	0.060	mg/kg	02-OCT-12	03-OCT-12	R2448177
		106.8		50-150	%	02-OCT-12	03-OCT-12	R2448177
L1216304-70 19449 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Hydrocarbons F1 (C6-C10) F2 (C10-C16) F3 (C16-C34) F4 (C34-C50) Total Hydrocarbons (C6-C50) Chrom. to baseline at nC50 Surrogate: 2-Bromobenzotrifluoride Surrogate: 3,4-Dichlorotoluene Surrogate: Octacosane Report Remarks : ; Analysis compromised due to type of sample jar received. Losses may have occurred according to 511 Regulation. Sample has headspace. DLHM								
		76.4		0.10	%	01-OCT-12	01-OCT-12	R2447155
		<15	ABL	15	ug/g	01-OCT-12	02-OCT-12	R2447420
		<30	DLHM	30	ug/g	05-OCT-12	05-OCT-12	R2449034
		340	DLHM	150	ug/g	05-OCT-12	05-OCT-12	R2449034
		230	DLHM	150	ug/g	05-OCT-12	05-OCT-12	R2449034
		570		150	ug/g		05-OCT-12	
		YES				05-OCT-12	05-OCT-12	R2449034
		83.8		60-140	%	05-OCT-12	05-OCT-12	R2449034
		86.0		50-140	%	01-OCT-12	02-OCT-12	R2447420
		101.0		60-140	%	05-OCT-12	05-OCT-12	R2449034
		Report Remarks : ; Analysis compromised due to type of sample jar received. Losses may have occurred according to 511 Regulation. Sample has headspace. DLHM						
L1216304-71 19450A Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Polychlorinated Biphenyls Aroclor 1242 Aroclor 1248 Aroclor 1254 Aroclor 1260 Total PCBs Surrogate: d14-Terphenyl								
		13.4		0.10	%	01-OCT-12	01-OCT-12	R2447155
		<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448177
		<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448177
		<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448177
		<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448177
		<0.020		0.020	mg/kg	02-OCT-12	03-OCT-12	R2448177
		112.0		50-150	%	02-OCT-12	03-OCT-12	R2448177
L1216304-72 19450B Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Polychlorinated Biphenyls Aroclor 1242 Aroclor 1248 Aroclor 1254 Aroclor 1260								
		14.5		0.10	%	01-OCT-12	01-OCT-12	R2447155
		<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448177
		<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448177
		<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448177
		<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448177

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1216304-72	19450B							
	Sampled By: CLIENT on 11-SEP-12							
	Matrix: SOIL							
	Polychlorinated Biphenyls							
	Total PCBs	<0.020		0.020	mg/kg	02-OCT-12	03-OCT-12	R2448177
	Surrogate: d14-Terphenyl	115.9		50-150	%	02-OCT-12	03-OCT-12	R2448177
L1216304-73	19450							
	Sampled By: CLIENT on 11-SEP-12							
	Matrix: SOIL							
	Metals							
	Arsenic (As)	100		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Cadmium (Cd)	<0.50		0.50	ug/g	02-OCT-12	03-OCT-12	R2449270
	Chromium (Cr)	89.1		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Cobalt (Co)	25.6		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Copper (Cu)	78.4		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Lead (Pb)	10.4		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Mercury (Hg)	<0.010		0.010	mg/kg	01-OCT-12	03-OCT-12	R2448743
	Nickel (Ni)	69.9		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Zinc (Zn)	155		5.0	ug/g	02-OCT-12	03-OCT-12	R2449270
L1216304-74	19450C							
	Sampled By: CLIENT on 11-SEP-12							
	Matrix: SOIL							
	Physical Tests							
	% Moisture	12.8		0.10	%	01-OCT-12	01-OCT-12	R2447155
	Hydrocarbons							
	F1 (C6-C10)	<5.0	ABL	5.0	ug/g	01-OCT-12	02-OCT-12	R2447420
	F2 (C10-C16)	<10		10	ug/g	04-OCT-12	04-OCT-12	R2449487
	F3 (C16-C34)	<50		50	ug/g	04-OCT-12	04-OCT-12	R2449487
	F4 (C34-C50)	<50		50	ug/g	04-OCT-12	04-OCT-12	R2449487
	Total Hydrocarbons (C6-C50)	<50		50	ug/g		05-OCT-12	
	Chrom. to baseline at nC50	YES				04-OCT-12	04-OCT-12	R2449487
	Surrogate: 2-Bromobenzotrifluoride	69.3		60-140	%	04-OCT-12	04-OCT-12	R2449487
	Surrogate: 3,4-Dichlorotoluene	110.7		50-140	%	01-OCT-12	02-OCT-12	R2447420
	Surrogate: Octacosane	116.1		60-140	%	04-OCT-12	04-OCT-12	R2449487
	Report Remarks : ; Analysis compromised due to type of sample jar received. Losses may have occurred according to 511 Regulation. Sample has headspace.							
L1216304-75	19451							
	Sampled By: CLIENT on 11-SEP-12							
	Matrix: SOIL							
	Physical Tests							
	% Moisture	13.6		0.10	%	01-OCT-12	01-OCT-12	R2447155
	Metals							
	Arsenic (As)	22.1		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Cadmium (Cd)	<0.50		0.50	ug/g	02-OCT-12	03-OCT-12	R2449270
	Chromium (Cr)	98.0		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Cobalt (Co)	12.0		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Copper (Cu)	50.2		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1216304-75 Sampled By: 19451 Matrix: CLIENT on 11-SEP-12 SOIL	Metals							
	Lead (Pb)	9.4		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Mercury (Hg)	<0.010		0.010	mg/kg	01-OCT-12	03-OCT-12	R2448743
	Nickel (Ni)	41.7		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Zinc (Zn)	82.8		5.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Hydrocarbons							
	F1 (C6-C10)	<5.0	ABL	5.0	ug/g	01-OCT-12	02-OCT-12	R2447420
	F2 (C10-C16)	<10		10	ug/g	05-OCT-12	05-OCT-12	R2449034
	F3 (C16-C34)	<50		50	ug/g	05-OCT-12	05-OCT-12	R2449034
	F4 (C34-C50)	<50		50	ug/g	05-OCT-12	05-OCT-12	R2449034
	Total Hydrocarbons (C6-C50)	<50		50	ug/g		05-OCT-12	
	Chrom. to baseline at nC50	YES				05-OCT-12	05-OCT-12	R2449034
	Surrogate: 2-Bromobenzotrifluoride	83.4		60-140	%	05-OCT-12	05-OCT-12	R2449034
	Surrogate: 3,4-Dichlorotoluene	97.2		50-140	%	01-OCT-12	02-OCT-12	R2447420
	Surrogate: Octacosane	103.9		60-140	%	05-OCT-12	05-OCT-12	R2449034
	Report Remarks : ; Analysis compromised due to type of sample jar received. Losses may have occurred according to 511 Regulation. Sample has headspace.							
L1216304-76 Sampled By: 19452 Matrix: CLIENT on 11-SEP-12 SOIL	Physical Tests							
	% Moisture	25.4		0.10	%	01-OCT-12	01-OCT-12	R2447155
	Metals							
	Arsenic (As)	32.1		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Cadmium (Cd)	<0.50		0.50	ug/g	02-OCT-12	03-OCT-12	R2449270
	Chromium (Cr)	96.0		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Cobalt (Co)	22.8		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Copper (Cu)	76.2		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Lead (Pb)	8.3		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Mercury (Hg)	0.017		0.010	mg/kg	01-OCT-12	03-OCT-12	R2448743
	Nickel (Ni)	89.7		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Zinc (Zn)	133		5.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Polychlorinated Biphenyls							
	Aroclor 1242	<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448177
	Aroclor 1248	<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448177
	Aroclor 1254	<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448177
	Aroclor 1260	<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448177
	Total PCBs	<0.020		0.020	mg/kg	02-OCT-12	03-OCT-12	R2448177
	Surrogate: d14-Terphenyl	118.6		50-150	%	02-OCT-12	03-OCT-12	R2448177
L1216304-77 Sampled By: 19453 Matrix: CLIENT on 11-SEP-12 SOIL	Physical Tests							
	% Moisture	17.0		0.10	%	01-OCT-12	01-OCT-12	R2447155

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1216304-77	19453 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests Hydrocarbons F1 (C6-C10) F2 (C10-C16) F3 (C16-C34) F4 (C34-C50) Total Hydrocarbons (C6-C50) Chrom. to baseline at nC50 Surrogate: 2-Bromobenzotrifluoride Surrogate: 3,4-Dichlorotoluene Surrogate: Octacosane Report Remarks : ; Analysis compromised due to type of sample jar received. Losses may have occurred according to 511 Regulation. Sample has headspace.	<5.0 <10 58 <50 58 YES 77.6 109.6 96.7	ABL	5.0 10 50 50 50 60-140 50-140 60-140	ug/g ug/g ug/g ug/g ug/g % % %	01-OCT-12 05-OCT-12 05-OCT-12 05-OCT-12 05-OCT-12 05-OCT-12 01-OCT-12 05-OCT-12	02-OCT-12 05-OCT-12 05-OCT-12 05-OCT-12 05-OCT-12 05-OCT-12 02-OCT-12 05-OCT-12	R2447420 R2449034 R2449034 R2449034 R2449034 R2449034 R2447420 R2449034
L1216304-78	19454 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Metals Arsenic (As) Cadmium (Cd) Chromium (Cr) Cobalt (Co) Copper (Cu) Lead (Pb) Mercury (Hg) Nickel (Ni) Zinc (Zn) Polychlorinated Biphenyls Aroclor 1242 Aroclor 1248 Aroclor 1254 Aroclor 1260 Total PCBs Surrogate: d14-Terphenyl	3.99 40.7 <0.50 115 32.2 63.3 14.3 <0.010 111 169 <0.010 <0.010 <0.010 <0.010 <0.020 106.9		0.10 1.0 0.50 1.0 1.0 1.0 1.0 0.010 1.0 5.0 0.010 0.010 0.010 0.010 0.020 50-150	% ug/g ug/g ug/g ug/g ug/g ug/g mg/kg ug/g ug/g mg/kg mg/kg mg/kg mg/kg mg/kg %	01-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12 01-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12	01-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12	R2447155 R2449270 R2449270 R2449270 R2449270 R2449270 R2449270 R2448743 R2449270 R2449270 R2448177 R2448177 R2448177 R2448177 R2448177 R2448177
L1216304-79	19455 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Hydrocarbons F1 (C6-C10) F2 (C10-C16) F3 (C16-C34)	4.66 <5.0 <10 <50	ABL	0.10 5.0 10 50	% ug/g ug/g ug/g	01-OCT-12 01-OCT-12 05-OCT-12 05-OCT-12	01-OCT-12 02-OCT-12 05-OCT-12 05-OCT-12	R2447155 R2447420 R2449034 R2449034

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1216304-79 19455 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL								
Hydrocarbons								
F4 (C34-C50)		<50		50	ug/g	05-OCT-12	05-OCT-12	R2449034
Total Hydrocarbons (C6-C50)		<50		50	ug/g		05-OCT-12	
Chrom. to baseline at nC50		YES				05-OCT-12	05-OCT-12	R2449034
Surrogate: 2-Bromobenzotrifluoride		80.0		60-140	%	05-OCT-12	05-OCT-12	R2449034
Surrogate: 3,4-Dichlorotoluene		112.0		50-140	%	01-OCT-12	02-OCT-12	R2447420
Surrogate: Octacosane		95.9		60-140	%	05-OCT-12	05-OCT-12	R2449034
Report Remarks : ; Analysis compromised due to type of sample jar received. Loses may have occurred according to 511 Regulation. Sample has headspace.								
L1216304-80 19456 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL								
Physical Tests								
% Moisture		16.6		0.10	%	01-OCT-12	01-OCT-12	R2447155
Metals								
Arsenic (As)		19.8		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Cadmium (Cd)		<0.50		0.50	ug/g	02-OCT-12	03-OCT-12	R2449270
Chromium (Cr)		81.4		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Cobalt (Co)		15.5		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Copper (Cu)		35.1		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Lead (Pb)		18.3		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Mercury (Hg)		0.048		0.010	mg/kg	01-OCT-12	03-OCT-12	R2448743
Nickel (Ni)		44.9		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Zinc (Zn)		110		5.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Polychlorinated Biphenyls								
Aroclor 1242		<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448177
Aroclor 1248		<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448177
Aroclor 1254		<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448177
Aroclor 1260		<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448177
Total PCBs		<0.020		0.020	mg/kg	02-OCT-12	03-OCT-12	R2448177
Surrogate: d14-Terphenyl		113.5		50-150	%	02-OCT-12	03-OCT-12	R2448177
L1216304-81 19457 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL								
Physical Tests								
% Moisture		14.7		0.10	%	01-OCT-12	01-OCT-12	R2447155
Hydrocarbons								
F1 (C6-C10)		<5.0	ABL	5.0	ug/g	01-OCT-12	02-OCT-12	R2447420
F2 (C10-C16)		<10		10	ug/g	05-OCT-12	05-OCT-12	R2449034
F3 (C16-C34)		203		50	ug/g	05-OCT-12	05-OCT-12	R2449034
F4 (C34-C50)		106		50	ug/g	05-OCT-12	05-OCT-12	R2449034
F4G-SG (GHH-Silica)		<500		500	mg/kg	30-SEP-12	30-SEP-12	R2450404
Total Hydrocarbons (C6-C50)		309		50	ug/g		05-OCT-12	
Chrom. to baseline at nC50		NO				05-OCT-12	05-OCT-12	R2449034

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1216304-81 19457 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Hydrocarbons								
	Surrogate: 2-Bromobenzotrifluoride	80.9		60-140	%	05-OCT-12	05-OCT-12	R2449034
	Surrogate: 3,4-Dichlorotoluene	94.2		50-140	%	01-OCT-12	02-OCT-12	R2447420
	Surrogate: Octacosane	115.8		60-140	%	05-OCT-12	05-OCT-12	R2449034
	Report Remarks : ; Analysis compromised due to type of sample jar received. Losses may have occurred according to 511 Regulation. Sample has headspace.							
L1216304-82 19458 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests								
	% Moisture	9.39		0.10	%	01-OCT-12	01-OCT-12	R2447155
	Metals							
	Arsenic (As)	26.8		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Cadmium (Cd)	<0.50		0.50	ug/g	02-OCT-12	03-OCT-12	R2449270
	Chromium (Cr)	110		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Cobalt (Co)	23.9		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Copper (Cu)	61.0		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Lead (Pb)	10.8		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Mercury (Hg)	0.018		0.010	mg/kg	01-OCT-12	03-OCT-12	R2448743
	Nickel (Ni)	67.7		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Zinc (Zn)	139		5.0	ug/g	02-OCT-12	03-OCT-12	R2449270
	Polychlorinated Biphenyls							
	Aroclor 1242	<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448177
	Aroclor 1248	<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448177
	Aroclor 1254	<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448177
	Aroclor 1260	<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448177
	Total PCBs	<0.020		0.020	mg/kg	02-OCT-12	03-OCT-12	R2448177
	Surrogate: d14-Terphenyl	115.7		50-150	%	02-OCT-12	03-OCT-12	R2448177
L1216304-83 19459 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests								
	% Moisture	7.07		0.10	%	01-OCT-12	01-OCT-12	R2447155
	Hydrocarbons							
	F1 (C6-C10)	<5.0	ABL	5.0	ug/g	01-OCT-12	02-OCT-12	R2447420
	F2 (C10-C16)	<10		10	ug/g	05-OCT-12	05-OCT-12	R2449034
	F3 (C16-C34)	56		50	ug/g	05-OCT-12	05-OCT-12	R2449034
	F4 (C34-C50)	<50		50	ug/g	05-OCT-12	05-OCT-12	R2449034
	Total Hydrocarbons (C6-C50)	56		50	ug/g		05-OCT-12	
	Chrom. to baseline at nC50	YES				05-OCT-12	05-OCT-12	R2449034
	Surrogate: 2-Bromobenzotrifluoride	83.3		60-140	%	05-OCT-12	05-OCT-12	R2449034
	Surrogate: 3,4-Dichlorotoluene	105.3		50-140	%	01-OCT-12	02-OCT-12	R2447420
	Surrogate: Octacosane	103.0		60-140	%	05-OCT-12	05-OCT-12	R2449034
	Report Remarks : ; Analysis compromised due to type of sample jar received. Losses may have occurred according to 511 Regulation. Sample has headspace.							

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1216304-83 Sampled By: Matrix:	19459 CLIENT on 11-SEP-12 SOIL							
L1216304-84 Sampled By: Matrix:	19460A CLIENT on 11-SEP-12 SOIL							
Physical Tests								
% Moisture	13.5			0.10	%	01-OCT-12	01-OCT-12	R2447163
Polychlorinated Biphenyls								
Aroclor 1242	<0.010			0.010	mg/kg	02-OCT-12	03-OCT-12	R2448177
Aroclor 1248	<0.010			0.010	mg/kg	02-OCT-12	03-OCT-12	R2448177
Aroclor 1254	<0.010			0.010	mg/kg	02-OCT-12	03-OCT-12	R2448177
Aroclor 1260	<0.010			0.010	mg/kg	02-OCT-12	03-OCT-12	R2448177
Total PCBs	<0.020			0.020	mg/kg	02-OCT-12	03-OCT-12	R2448177
Surrogate: d14-Terphenyl	107.9			50-150	%	02-OCT-12	03-OCT-12	R2448177
L1216304-85 Sampled By: Matrix:	19460 CLIENT on 11-SEP-12 SOIL							
Physical Tests								
% Moisture	11.5			0.10	%	01-OCT-12	01-OCT-12	R2447160
Metals								
Arsenic (As)	26.5			1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Cadmium (Cd)	<0.50			0.50	ug/g	02-OCT-12	03-OCT-12	R2449270
Chromium (Cr)	127			1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Cobalt (Co)	22.1			1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Copper (Cu)	76.7			1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Lead (Pb)	11.4			1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Mercury (Hg)	0.011			0.010	mg/kg	01-OCT-12	03-OCT-12	R2448743
Nickel (Ni)	81.9			1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Zinc (Zn)	133			5.0	ug/g	02-OCT-12	03-OCT-12	R2449270
L1216304-86 Sampled By: Matrix:	19461 CLIENT on 11-SEP-12 SOIL							
Physical Tests								
% Moisture	11.6			0.10	%	01-OCT-12	01-OCT-12	R2447160
Hydrocarbons								
F1 (C6-C10)	<5.0	ABL		5.0	ug/g	01-OCT-12	02-OCT-12	R2447420
F2 (C10-C16)	<10			10	ug/g	05-OCT-12	05-OCT-12	R2449034
F3 (C16-C34)	<50			50	ug/g	05-OCT-12	05-OCT-12	R2449034
F4 (C34-C50)	<50			50	ug/g	05-OCT-12	05-OCT-12	R2449034
Total Hydrocarbons (C6-C50)	<50			50	ug/g		05-OCT-12	
Chrom. to baseline at nC50	YES					05-OCT-12	05-OCT-12	R2449034
Surrogate: 2-Bromobenzotrifluoride	75.3			60-140	%	05-OCT-12	05-OCT-12	R2449034
Surrogate: 3,4-Dichlorotoluene	100.1			50-140	%	01-OCT-12	02-OCT-12	R2447420
Surrogate: Octacosane	91.5			60-140	%	05-OCT-12	05-OCT-12	R2449034
Report Remarks : ; Analysis compromised due to type of sample jar received. Losses may have occurred according to 511 Regulation. Sample has headspace.								
19462								

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1216304-87	19462							
Sampled By:	CLIENT on 11-SEP-12							
Matrix:	SOIL							
Physical Tests								
% Moisture		7.01		0.10	%	01-OCT-12	01-OCT-12	R2447160
Metals								
Arsenic (As)		31.0		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Cadmium (Cd)		<0.50		0.50	ug/g	02-OCT-12	03-OCT-12	R2449270
Chromium (Cr)		94.5		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Cobalt (Co)		22.5		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Copper (Cu)		52.0		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Lead (Pb)		15.0		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Mercury (Hg)		0.011		0.010	mg/kg	01-OCT-12	03-OCT-12	R2448743
Nickel (Ni)		63.4		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Zinc (Zn)		127		5.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Polychlorinated Biphenyls								
Aroclor 1242		<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448177
Aroclor 1248		<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448177
Aroclor 1254		<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448177
Aroclor 1260		<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448177
Total PCBs		<0.020		0.020	mg/kg	02-OCT-12	03-OCT-12	R2448177
Surrogate: d14-Terphenyl		107.0		50-150	%	02-OCT-12	03-OCT-12	R2448177
L1216304-88	19463							
Sampled By:	CLIENT on 11-SEP-12							
Matrix:	SOIL							
Physical Tests								
% Moisture		8.11		0.10	%	01-OCT-12	01-OCT-12	R2447160
Hydrocarbons								
F1 (C6-C10)		<5.0	ABL	5.0	ug/g	01-OCT-12	02-OCT-12	R2447420
F2 (C10-C16)		<10		10	ug/g	05-OCT-12	05-OCT-12	R2449034
F3 (C16-C34)		<50		50	ug/g	05-OCT-12	05-OCT-12	R2449034
F4 (C34-C50)		<50		50	ug/g	05-OCT-12	05-OCT-12	R2449034
Total Hydrocarbons (C6-C50)		<50		50	ug/g		05-OCT-12	
Chrom. to baseline at nC50		YES				05-OCT-12	05-OCT-12	R2449034
Surrogate: 2-Bromobenzotrifluoride		85.2		60-140	%	05-OCT-12	05-OCT-12	R2449034
Surrogate: 3,4-Dichlorotoluene		98.1		50-140	%	01-OCT-12	02-OCT-12	R2447420
Surrogate: Octacosane		100.8		60-140	%	05-OCT-12	05-OCT-12	R2449034
Report Remarks : ; Analysis compromised due to type of sample jar received. Losses may have occurred according to 511 Regulation. Sample has headspace.								
L1216304-89	19464							
Sampled By:	CLIENT on 11-SEP-12							
Matrix:	SOIL							
Physical Tests								
% Moisture		16.1		0.10	%	01-OCT-12	01-OCT-12	R2447160
Metals								
Arsenic (As)		39.7		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Cadmium (Cd)		<0.50		0.50	ug/g	02-OCT-12	03-OCT-12	R2449270

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1216304-89 19464 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL								
Metals								
Chromium (Cr)		88.1		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Cobalt (Co)		89.8		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Copper (Cu)		151		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Lead (Pb)		16.7		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Mercury (Hg)		0.022		0.010	mg/kg	01-OCT-12	03-OCT-12	R2448743
Nickel (Ni)		183		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Zinc (Zn)		214		5.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Polychlorinated Biphenyls								
Aroclor 1242		<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448177
Aroclor 1248		<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448177
Aroclor 1254		<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448177
Aroclor 1260		<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448177
Total PCBs		<0.020		0.020	mg/kg	02-OCT-12	03-OCT-12	R2448177
Surrogate: d14-Terphenyl		114.4		50-150	%	02-OCT-12	03-OCT-12	R2448177
L1216304-90 19465 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL								
Physical Tests								
% Moisture		16.1		0.10	%	01-OCT-12	01-OCT-12	R2447160
Hydrocarbons								
F1 (C6-C10)		<5.0	ABL	5.0	ug/g	01-OCT-12	02-OCT-12	R2447420
F2 (C10-C16)		<10		10	ug/g	05-OCT-12	05-OCT-12	R2449034
F3 (C16-C34)		<50		50	ug/g	05-OCT-12	05-OCT-12	R2449034
F4 (C34-C50)		<50		50	ug/g	05-OCT-12	05-OCT-12	R2449034
Total Hydrocarbons (C6-C50)		<50		50	ug/g		05-OCT-12	
Chrom. to baseline at nC50		YES				05-OCT-12	05-OCT-12	R2449034
Surrogate: 2-Bromobenzotrifluoride		82.9		60-140	%	05-OCT-12	05-OCT-12	R2449034
Surrogate: 3,4-Dichlorotoluene		108.4		50-140	%	01-OCT-12	02-OCT-12	R2447420
Surrogate: Octacosane		99.7		60-140	%	05-OCT-12	05-OCT-12	R2449034
Report Remarks : ; Analysis compromised due to type of sample jar received. Losses may have occurred according to 511 Regulation. Sample has headspace.								
L1216304-91 19466 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL								
Physical Tests								
% Moisture		5.30		0.10	%	01-OCT-12	01-OCT-12	R2447160
Metals								
Arsenic (As)		41.3		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Cadmium (Cd)		<0.50		0.50	ug/g	02-OCT-12	03-OCT-12	R2449270
Chromium (Cr)		75.1		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Cobalt (Co)		33.7		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Copper (Cu)		79.2		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Lead (Pb)		12.3		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1216304-91 19466 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Metals Mercury (Hg) Nickel (Ni) Zinc (Zn) Polychlorinated Biphenyls Aroclor 1242 Aroclor 1248 Aroclor 1254 Aroclor 1260 Total PCBs Surrogate: d14-Terphenyl								
		<0.010		0.010	mg/kg	01-OCT-12	03-OCT-12	R2448743
		103		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		170		5.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448177
		<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448177
		<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448177
		<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448177
		<0.020		0.020	mg/kg	02-OCT-12	03-OCT-12	R2448177
		100.0		50-150	%	02-OCT-12	03-OCT-12	R2448177
L1216304-92 19467 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Hydrocarbons F1 (C6-C10) F2 (C10-C16) F3 (C16-C34) F4 (C34-C50) Total Hydrocarbons (C6-C50) Chrom. to baseline at nC50 Surrogate: 2-Bromobenzotrifluoride Surrogate: 3,4-Dichlorotoluene Surrogate: Octacosane Report Remarks : ; Analysis compromised due to type of sample jar received. Losses may have occurred according to 511 Regulation. Sample has headspace.								
		6.67		0.10	%	01-OCT-12	01-OCT-12	R2447160
		<5.0	ABL	5.0	ug/g	01-OCT-12	02-OCT-12	R2447420
		<10		10	ug/g	05-OCT-12	05-OCT-12	R2449034
		<50		50	ug/g	05-OCT-12	05-OCT-12	R2449034
		<50		50	ug/g	05-OCT-12	05-OCT-12	R2449034
		<50		50	ug/g		05-OCT-12	
		YES				05-OCT-12	05-OCT-12	R2449034
		84.2		60-140	%	05-OCT-12	05-OCT-12	R2449034
		112.6		50-140	%	01-OCT-12	02-OCT-12	R2447420
		97.6		60-140	%	05-OCT-12	05-OCT-12	R2449034
		Report Remarks : ; Analysis compromised due to type of sample jar received. Losses may have occurred according to 511 Regulation. Sample has headspace.						
L1216304-93 19468 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Metals Arsenic (As) Cadmium (Cd) Chromium (Cr) Cobalt (Co) Copper (Cu) Lead (Pb) Mercury (Hg) Nickel (Ni) Zinc (Zn) Polychlorinated Biphenyls								
		10.3		0.10	%	01-OCT-12	01-OCT-12	R2447160
		31.6		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		<0.50		0.50	ug/g	02-OCT-12	03-OCT-12	R2449270
		73.0		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		16.9		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		52.0		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		10.6		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		0.020		0.010	mg/kg	01-OCT-12	03-OCT-12	R2448743
		57.7		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
		113		5.0	ug/g	02-OCT-12	03-OCT-12	R2449270

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1216304-93 19468 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Polychlorinated Biphenyls Aroclor 1242 Aroclor 1248 Aroclor 1254 Aroclor 1260 Total PCBs Surrogate: d14-Terphenyl		<0.010 <0.010 <0.010 <0.010 <0.020 105.5		0.010 0.010 0.010 0.010 0.020 50-150	mg/kg mg/kg mg/kg mg/kg mg/kg %	02-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12	03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12	R2448177 R2448177 R2448177 R2448177 R2448177 R2448177
L1216304-94 19469 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Hydrocarbons F1 (C6-C10) F2 (C10-C16) F3 (C16-C34) F4 (C34-C50) Total Hydrocarbons (C6-C50) Chrom. to baseline at nC50 Surrogate: 2-Bromobenzotrifluoride Surrogate: 3,4-Dichlorotoluene Surrogate: Octacosane Report Remarks : ; Analysis compromised due to type of sample jar received. Losses may have occurred according to 511 Regulation. Sample has headspace.		6.10 <5.0 <10 <50 <50 <50 YES 82.0 104.2 97.4	ABL	0.10 5.0 10 50 50 50	% ug/g ug/g ug/g ug/g ug/g % % %	01-OCT-12 01-OCT-12 05-OCT-12 05-OCT-12 05-OCT-12 05-OCT-12 05-OCT-12 05-OCT-12 01-OCT-12 05-OCT-12	01-OCT-12 02-OCT-12 05-OCT-12 05-OCT-12 05-OCT-12 05-OCT-12 05-OCT-12 05-OCT-12 02-OCT-12 05-OCT-12	R2447160 R2447420 R2449034 R2449034 R2449034 R2449034 R2449034 R2447420 R2449034
L1216304-95 19470A Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Polychlorinated Biphenyls Aroclor 1242 Aroclor 1248 Aroclor 1254 Aroclor 1260 Total PCBs Surrogate: d14-Terphenyl		3.00 <0.010 <0.010 <0.010 <0.010 <0.020 102.3		0.10 0.010 0.010 0.010 0.010 0.020 50-150	% mg/kg mg/kg mg/kg mg/kg mg/kg %	01-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12	01-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12	R2447160 R2448177 R2448177 R2448177 R2448177 R2448177 R2448177
L1216304-96 19470B Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Polychlorinated Biphenyls Aroclor 1242 Aroclor 1248		3.03 <0.010 <0.010		0.10 0.010 0.010	% mg/kg mg/kg	01-OCT-12 02-OCT-12 02-OCT-12	01-OCT-12 03-OCT-12 03-OCT-12	R2447160 R2448177 R2448177

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1216304-96 19470B Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Polychlorinated Biphenyls Aroclor 1254 Aroclor 1260 Total PCBs Surrogate: d14-Terphenyl		<0.010 <0.010 <0.020 101.7		0.010 0.010 0.020 50-150	mg/kg mg/kg mg/kg %	02-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12	03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12	R2448177 R2448177 R2448177 R2448177
L1216304-97 19470 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Metals Arsenic (As) Cadmium (Cd) Chromium (Cr) Cobalt (Co) Copper (Cu) Lead (Pb) Mercury (Hg) Nickel (Ni) Zinc (Zn)		3.16 42.0 <0.50 72.5 16.5 37.8 11.4 0.011 50.0 107		0.10 1.0 0.50 1.0 1.0 1.0 1.0 0.010 1.0 5.0	% ug/g ug/g ug/g ug/g ug/g ug/g mg/kg ug/g ug/g	01-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12 01-OCT-12 02-OCT-12 02-OCT-12	01-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12	R2447160 R2449270 R2449270 R2449270 R2449270 R2449270 R2449270 R2448743 R2449270 R2449270
L1216304-98 19470C Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Hydrocarbons F1 (C6-C10) F2 (C10-C16) F3 (C16-C34) F4 (C34-C50) Total Hydrocarbons (C6-C50) Chrom. to baseline at nC50 Surrogate: 2-Bromobenzotrifluoride Surrogate: 3,4-Dichlorotoluene Surrogate: Octacosane Report Remarks : ; Analysis compromised due to type of sample jar received. Losses may have occurred according to 511 Regulation. Sample has headspace.		2.92 <5.0 <10 <50 <50 <50 YES 67.3 107.3 108.8	ABL	0.10 5.0 10 50 50 50 60-140 50-140 60-140	% ug/g ug/g ug/g ug/g % % %	01-OCT-12 01-OCT-12 04-OCT-12 04-OCT-12 04-OCT-12 04-OCT-12 04-OCT-12 04-OCT-12 01-OCT-12 04-OCT-12	01-OCT-12 02-OCT-12 04-OCT-12 04-OCT-12 04-OCT-12 04-OCT-12 04-OCT-12 04-OCT-12 02-OCT-12 04-OCT-12	R2447160 R2447420 R2449487 R2449487 R2449487 R2449487 R2449487 R2447420 R2449487
L1216304-99 19471 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Metals Arsenic (As)		3.14 53.9		0.10 1.0	% ug/g	01-OCT-12 02-OCT-12	01-OCT-12 03-OCT-12	R2447160 R2449270

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1216304-99 19471 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL								
Metals								
Cadmium (Cd)		<0.50		0.50	ug/g	02-OCT-12	03-OCT-12	R2449270
Chromium (Cr)		91.2		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Cobalt (Co)		21.5		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Copper (Cu)		51.1		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Lead (Pb)		13.4		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Mercury (Hg)		0.014		0.010	mg/kg	01-OCT-12	03-OCT-12	R2448743
Nickel (Ni)		66.0		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Zinc (Zn)		137		5.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Hydrocarbons								
F1 (C6-C10)		<5.0	ABL	5.0	ug/g	01-OCT-12	02-OCT-12	R2447420
F2 (C10-C16)		<10		10	ug/g	05-OCT-12	05-OCT-12	R2449034
F3 (C16-C34)		<50		50	ug/g	05-OCT-12	05-OCT-12	R2449034
F4 (C34-C50)		<50		50	ug/g	05-OCT-12	05-OCT-12	R2449034
Total Hydrocarbons (C6-C50)		<50		50	ug/g		05-OCT-12	
Chrom. to baseline at nC50		YES				05-OCT-12	05-OCT-12	R2449034
Surrogate: 2-Bromobenzotrifluoride		78.9		60-140	%	05-OCT-12	05-OCT-12	R2449034
Surrogate: 3,4-Dichlorotoluene		99.2		50-140	%	01-OCT-12	02-OCT-12	R2447420
Surrogate: Octacosane		98.3		60-140	%	05-OCT-12	05-OCT-12	R2449034
Report Remarks : ; Analysis compromised due to type of sample jar received. Losses may have occurred according to 511 Regulation. Sample has headspace.								
L1216304-100 19472 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL								
Physical Tests								
% Moisture		6.61		0.10	%	01-OCT-12	01-OCT-12	R2447160
Metals								
Arsenic (As)		76.1		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Cadmium (Cd)		<0.50		0.50	ug/g	02-OCT-12	03-OCT-12	R2449270
Chromium (Cr)		45.7		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Cobalt (Co)		13.6		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Copper (Cu)		63.4		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Lead (Pb)		10.1		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Mercury (Hg)		<0.010		0.010	mg/kg	01-OCT-12	03-OCT-12	R2448743
Nickel (Ni)		54.9		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Zinc (Zn)		81.3		5.0	ug/g	02-OCT-12	03-OCT-12	R2449270
Polychlorinated Biphenyls								
Aroclor 1242		<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448436
Aroclor 1248		<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448436
Aroclor 1254		<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448436
Aroclor 1260		<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448436
Total PCBs		<0.020		0.020	mg/kg	02-OCT-12	03-OCT-12	R2448436
Surrogate: d14-Terphenyl		91.3		50-150	%	02-OCT-12	03-OCT-12	R2448436
19473								

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch	
L1216304-101 19473 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Hydrocarbons F1 (C6-C10) F2 (C10-C16) F3 (C16-C34) F4 (C34-C50) Total Hydrocarbons (C6-C50) Chrom. to baseline at nC50 Surrogate: 2-Bromobenzotrifluoride Surrogate: 3,4-Dichlorotoluene Surrogate: Octacosane Report Remarks : Analysis compromised due to type of sample jar received. Loses may have occurred according to 511 Regulation.	7.14	ABL	0.10	%	01-OCT-12	01-OCT-12	R2447160	
	<5.0		5.0	ug/g	01-OCT-12	03-OCT-12	R2448085	
	<10		10	ug/g	05-OCT-12	05-OCT-12	R2449034	
	<50		50	ug/g	05-OCT-12	05-OCT-12	R2449034	
	<50		50	ug/g	05-OCT-12	05-OCT-12	R2449034	
	<50		50	ug/g		05-OCT-12		
	YES					05-OCT-12	05-OCT-12	R2449034
	80.5		60-140	%	05-OCT-12	05-OCT-12	R2449034	
	126.4		50-140	%	01-OCT-12	03-OCT-12	R2448085	
	95.9		60-140	%	05-OCT-12	05-OCT-12	R2449034	
L1216304-102 19474 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Metals Arsenic (As) Cadmium (Cd) Chromium (Cr) Cobalt (Co) Copper (Cu) Lead (Pb) Mercury (Hg) Nickel (Ni) Zinc (Zn) Polychlorinated Biphenyls Aroclor 1242 Aroclor 1248 Aroclor 1254 Aroclor 1260 Total PCBs Surrogate: d14-Terphenyl	5.30		0.10	%	01-OCT-12	01-OCT-12	R2447160	
	47.1		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270	
	<0.50		0.50	ug/g	02-OCT-12	03-OCT-12	R2449270	
	75.6		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270	
	18.6		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270	
	87.2		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270	
	11.7		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270	
	<0.010		0.010	mg/kg	01-OCT-12	03-OCT-12	R2448743	
	67.8		1.0	ug/g	02-OCT-12	03-OCT-12	R2449270	
	118		5.0	ug/g	02-OCT-12	03-OCT-12	R2449270	
	<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448436	
	<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448436	
	<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448436	
	<0.010		0.010	mg/kg	02-OCT-12	03-OCT-12	R2448436	
	<0.020		0.020	mg/kg	02-OCT-12	03-OCT-12	R2448436	
	92.2		50-150	%	02-OCT-12	03-OCT-12	R2448436	
L1216304-103 19475 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Hydrocarbons F1 (C6-C10) F2 (C10-C16) F3 (C16-C34)	4.44	ABL	0.10	%	01-OCT-12	01-OCT-12	R2447160	
	<5.0		5.0	ug/g	01-OCT-12	03-OCT-12	R2448085	
	<10		10	ug/g	05-OCT-12	05-OCT-12	R2450221	
	<50		50	ug/g	05-OCT-12	05-OCT-12	R2450221	

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1216304-103 19475 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Hydrocarbons F4 (C34-C50) Total Hydrocarbons (C6-C50) Chrom. to baseline at nC50 Surrogate: 2-Bromobenzotrifluoride Surrogate: 3,4-Dichlorotoluene Surrogate: Octacosane Report Remarks : Analysis compromised due to type of sample jar received. Loses may have occurred according to 511 Regulation.	<50 <50 YES 84.3 137.5 99.8		50 50 60-140 50-140 60-140	ug/g ug/g % % %	05-OCT-12 05-OCT-12 05-OCT-12 05-OCT-12 01-OCT-12 05-OCT-12	05-OCT-12 05-OCT-12 05-OCT-12 05-OCT-12 03-OCT-12 05-OCT-12	R2450221 R2450221 R2450221 R2448085 R2450221
L1216304-104 19476 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Metals Arsenic (As) Cadmium (Cd) Chromium (Cr) Cobalt (Co) Copper (Cu) Lead (Pb) Mercury (Hg) Nickel (Ni) Zinc (Zn) Polychlorinated Biphenyls Aroclor 1242 Aroclor 1248 Aroclor 1254 Aroclor 1260 Total PCBs Surrogate: d14-Terphenyl	14.1 58.4 <0.50 72.6 25.2 85.1 18.0 0.011 101 142 <0.010 <0.010 <0.010 <0.010 <0.020 108.6		0.10 1.0 0.50 1.0 1.0 1.0 1.0 0.010 1.0 5.0 0.010 0.010 0.010 0.010 0.020 50-150	% ug/g ug/g ug/g ug/g ug/g ug/g mg/kg ug/g ug/g mg/kg mg/kg mg/kg mg/kg mg/kg %	01-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12 01-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12	01-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12	R2447160 R2449270 R2449270 R2449270 R2449270 R2449270 R2449270 R2448743 R2449270 R2449270 R2448436 R2448436 R2448436 R2448436 R2448436 R2448436
L1216304-105 19477 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Hydrocarbons F1 (C6-C10) F2 (C10-C16) F3 (C16-C34) F4 (C34-C50) F4G-SG (GHH-Silica) Total Hydrocarbons (C6-C50) Chrom. to baseline at nC50 Surrogate: 2-Bromobenzotrifluoride	11.8 <5.0 <10 111 201 <500 312 NO 79.0	ABL	0.10 5.0 10 50 50 500 50 60-140	% ug/g ug/g ug/g ug/g mg/kg ug/g %	01-OCT-12 01-OCT-12 05-OCT-12 05-OCT-12 05-OCT-12 30-SEP-12 05-OCT-12 05-OCT-12	01-OCT-12 03-OCT-12 05-OCT-12 05-OCT-12 05-OCT-12 05-OCT-12 05-OCT-12 05-OCT-12	R2447165 R2448085 R2450221 R2450221 R2450221 R2450588 R2450221 R2450221

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1216304-105 19477 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Hydrocarbons Surrogate: 3,4-Dichlorotoluene Surrogate: Octacosane Report Remarks : Analysis compromised due to type of sample jar received. Losses may have occurred according to 511 Regulation.	129.5 96.6		50-140 60-140	% %	01-OCT-12 05-OCT-12	03-OCT-12 05-OCT-12	R2448085 R2450221
L1216304-106 19478 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Metals Arsenic (As) Cadmium (Cd) Chromium (Cr) Cobalt (Co) Copper (Cu) Lead (Pb) Mercury (Hg) Nickel (Ni) Zinc (Zn) Polychlorinated Biphenyls Aroclor 1242 Aroclor 1248 Aroclor 1254 Aroclor 1260 Total PCBs Surrogate: d14-Terphenyl	11.4 47.5 <0.50 52.6 12.3 46.7 8.7 <0.010 44.7 83.4 <0.010 <0.010 <0.010 <0.010 99.2		0.10 1.0 0.50 1.0 1.0 1.0 1.0 0.010 1.0 5.0	% ug/g ug/g ug/g ug/g ug/g ug/g mg/kg ug/g ug/g	01-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12 02-OCT-12 01-OCT-12 02-OCT-12 02-OCT-12	01-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12 03-OCT-12	R2447165 R2449270 R2449270 R2449270 R2449270 R2449270 R2449270 R2448743 R2449270 R2449270 R2448436 R2448436 R2448436 R2448436 R2448436
L1216304-107 19479 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Hydrocarbons F1 (C6-C10) F2 (C10-C16) F3 (C16-C34) F4 (C34-C50) Total Hydrocarbons (C6-C50) Chrom. to baseline at nC50 Surrogate: 2-Bromobenzotrifluoride Surrogate: 3,4-Dichlorotoluene Surrogate: Octacosane Report Remarks : Analysis compromised due to type of sample jar received. Losses may have occurred according to 511 Regulation.	10.5 <5.0 <10 <50 <50 <50 YES 82.1 131.5 100.5	ABL	0.10 5.0 10 50 50 50 60-140 50-140 60-140	% ug/g ug/g ug/g ug/g ug/g % % %	01-OCT-12 01-OCT-12 01-OCT-12 05-OCT-12 05-OCT-12 05-OCT-12 05-OCT-12 05-OCT-12 01-OCT-12 05-OCT-12	01-OCT-12 03-OCT-12 05-OCT-12 05-OCT-12 05-OCT-12 05-OCT-12 05-OCT-12 03-OCT-12 05-OCT-12	R2447165 R2448085 R2450221 R2450221 R2450221 R2450221 R2450221 R2448085 R2450221
L1216304-108 19480A Sampled By: CLIENT on 11-SEP-12							

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1216304-108 19480A Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Polychlorinated Biphenyls Aroclor 1242 Aroclor 1248 Aroclor 1254 Aroclor 1260 Total PCBs Surrogate: d14-Terphenyl	8.87		0.10	%	01-OCT-12	01-OCT-12	R2447165
L1216304-109 19480 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Metals Arsenic (As) Cadmium (Cd) Chromium (Cr) Cobalt (Co) Copper (Cu) Lead (Pb) Mercury (Hg) Nickel (Ni) Zinc (Zn)	7.14		0.10	%	01-OCT-12	01-OCT-12	R2447165
L1216304-110 19481 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests % Moisture Hydrocarbons F1 (C6-C10) F2 (C10-C16) F3 (C16-C34) F4 (C34-C50) Total Hydrocarbons (C6-C50) Chrom. to baseline at nC50 Surrogate: 2-Bromobenzotrifluoride Surrogate: 3,4-Dichlorotoluene Surrogate: Octacosane Report Remarks : Analysis compromised due to type of sample jar received. Loses may have occurred according to 511 Regulation.	7.39	ABL	0.10	%	01-OCT-12	01-OCT-12	R2447165
L1216304-111 19482 Sampled By: CLIENT on 11-SEP-12 Matrix: SOIL Physical Tests							

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

[illegible]

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

QC Samples with Qualifiers & Comments:

QC Type Description	Parameter	Qualifier	Applies to Sample Number(s)
Duplicate	F1 (C6-C10)	ABL	L1216304-14, -16, -18, -20, -22, -26, -27, -29, -31, -33, -35, -38, -40, -42, -44, -46, -50, -51, -53, -55
Duplicate	F1 (C6-C10)	ABL	L1216304-57, -59, -62, -64, -66, -68, -70, -74, -75, -77, -79, -81, -83, -86, -88, -90, -92, -94, -98, -99
Comments:	; Analysis compromised due to type of sample jar received. Loses may have occurred according to 511 Regulation. Sample has headspace.		
Duplicate	F1 (C6-C10)	DLA	L1216304-10, -11, -8, -9
Duplicate	F4 (C34-C50)	G	L1216304-103, -105, -107, -110, -112, -53, -55
Comments:	The duplicate results are approaching the detection limits and therefore uncertainty increases.		
Duplicate	F3 (C16-C34)	J,G	L1216304-103, -105, -107, -110, -112, -53, -55
Comments:	The duplicate results are approaching the detection limits and therefore uncertainty increases.		
Matrix Spike	F4 (C34-C50)	K	L1216304-103, -105, -107, -110, -112, -53, -55
Matrix Spike	F1 (C6-C10)	MS-B	L1216304-10, -11, -8, -9
Matrix Spike	F2 (C10-C16)	MS-B	L1216304-74, -98
Matrix Spike	F3 (C16-C34)	MS-B	L1216304-74, -98
Matrix Spike	F4 (C34-C50)	MS-B	L1216304-74, -98

Sample Parameter Qualifier key listed:

Qualifier	Description
ABL	Approximate Result: May Be Biased Low
DLA	Detection Limit Adjusted For required dilution
DLHM	Detection Limit Adjusted: Sample has High Moisture Content
DLM	Detection Limit Adjusted For Sample Matrix Effects
G	QC result did not meet ALS DQO. Refer to narrative comments for further information.
J,G	QC result did not meet ALS DQO. Refer to narrative comments for further information. Duplicate expressed in terms of absolute difference.
K	Matrix Spike recovery outside ALS DQO due to sample matrix effects.
MS-B	Matrix Spike recovery could not be accurately calculated due to high analyte background in sample.

Test Method References:

ALS Test Code	Matrix	Test Description	Method Reference**
F1-F4-511-CALC-WT	Soil	F1-F4 Hydrocarbon Calculated	CCME CWS-PHC DEC-2000 - PUB# 1310-S
Analytical methods used for analysis of Petroleum Hydrocarbons have been validated and comply with the Reference Method for the CWS PHC.			
Hydrocarbon results are expressed on a dry weight basis.			
In cases where results for both F4 and F4G are reported, the greater of the two results must be used in any application of the CWS PHC guidelines and the gravimetric heavy hydrocarbons cannot be added to the C6 to C50 hydrocarbons.			
In samples where BTEX and F1 were analyzed , F1-BTEX represents a value where the sum of Benzene, Toluene, Ethylbenzene and total Xylenes has been subtracted from F1.			
In samples where PAHs, F2 and F3 were analyzed, F2-Naphth represents the result where Naphthalene has been subtracted from F2. F3-PAH represents a result where the sum of Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Dibenzo(a,h)anthracene, Fluoranthene, Indeno(1,2,3-cd)pyrene, Phenanthrene, and Pyrene has been subtracted from F3.			
Unless otherwise qualified, the following quality control criteria have been met for the F1 hydrocarbon range:			
1. All extraction and analysis holding times were met.			
2. Instrument performance showing response factors for C6 and C10 within 30% of the response factor for toluene.			
3. Linearity of gasoline response within 15% throughout the calibration range.			
Unless otherwise qualified, the following quality control criteria have been met for the F2-F4 hydrocarbon ranges:			
1. All extraction and analysis holding times were met.			
2. Instrument performance showing C10, C16 and C34 response factors within 10% of their average.			
3. Instrument performance showing the C50 response factor within 30% of the average of the C10, C16 and C34 response factors.			
4. Linearity of diesel or motor oil response within 15% throughout the calibration range.			
F1-F4-511-CALC-WT	Water	F1-F4 Hydrocarbon Calculated	CCME CWS-PHC DEC-2000 - PUB# 1310-L
Analytical methods used for analysis of Petroleum Hydrocarbons have been validated and comply with the Reference Method for the CWS PHC.			
In cases where results for both F4 and F4G are reported, the greater of the two results must be used in any application of the CWS PHC guidelines and the gravimetric heavy hydrocarbons cannot be added to the C6 to C50 hydrocarbons.			
In samples where BTEX and F1 were analyzed , F1-BTEX represents a value where the sum of Benzene, Toluene, Ethylbenzene and total Xylenes has been subtracted from F1.			
In samples where PAHs, F2 and F3 were analyzed, F2-Naphth represents the result where Naphthalene has been subtracted from F2. F3-PAH			

represents a result where the sum of Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Dibenzo(a,h)anthracene, Fluoranthene, Indeno(1,2,3-cd)pyrene, Phenanthrene, and Pyrene has been subtracted from F3.

- Unless otherwise qualified, the following quality control criteria have been met for the F1 hydrocarbon range:
1. All extraction and analysis holding times were met.
 2. Instrument performance showing response factors for C6 and C10 within 30% of the response factor for toluene.
 3. Linearity of gasoline response within 15% throughout the calibration range.

- Unless otherwise qualified, the following quality control criteria have been met for the F2-F4 hydrocarbon ranges:
1. All extraction and analysis holding times were met.
 2. Instrument performance showing C10, C16 and C34 response factors within 10% of their average.
 3. Instrument performance showing the C50 response factor within 30% of the average of the C10, C16 and C34 response factors.
 4. Linearity of diesel or motor oil response within 15% throughout the calibration range.

F1-HS-511-WT	Soil	F1-O.Reg 153/04 (July 2011)	E3398/CCME TIER 1-HS
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Fraction F1 is determined by extracting a soil or sediment sample as received with methanol, then analyzing by headspace-GC/FID.

Analysis conducted in accordance with the Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the Environmental Protection Act (July 1, 2011).

F1-HS-511-WT	Water	F1-O.Reg 153/04 (July 2011)	E3398/CCME TIER 1-HS
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Fraction F1 is determined by analyzing by headspace-GC/FID.

Analysis conducted in accordance with the Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the Environmental Protection Act (July 1, 2011).

F2-F4-511-WT	Soil	F2-F4-O.Reg 153/04 (July 2011)	MOE DECPH-E3398/CCME TIER 1
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Fractions F2, F3 and F4 are determined by extracting a soil sample with a solvent mix. The solvent recovered from the extracted soil sample is dried and treated to remove polar material. The extract is analyzed by GC/FID.

Analysis conducted in accordance with the Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the Environmental Protection Act (July 1, 2011).

F2-F4-511-WT	Water	F2-F4-O.Reg 153/04 (July 2011)	MOE DECPH-E3398/CCME TIER 1
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Fractions F2, F3 and F4 are determined by liquid/liquid extraction with a solvent. The solvent recovered from the extracted sample is dried and treated to remove polar material. The extract is then analyzed by GC/FID.

Analysis conducted in accordance with the Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the Environmental Protection Act (July 1, 2011).

F4G-ADD-511-WT	Soil	F4G SG-O.Reg 153/04 (July 2011)	MOE DECPH-E3398/CCME TIER 1
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F4G, gravimetric analysis, is determined if the chromatogram does not return to baseline at or before C50. A soil sample is extracted with a solvent mix, the solvent is evaporated and the weight of the residue is determined.

Analysis conducted in accordance with the Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the Environmental Protection Act (July 1, 2011).

HG-TOT-WT	Water	Mercury (Hg)-Total	SW846 7470A
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HG-WT	Soil	Mercury by CVAA	EPA 7471
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MET-TOT-WT	Water	Metal Scan-Total	EPA 6020A
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The concentration of metals is determined on an unfiltered aqueous sample. The sample is digested with nitric acid and then analyzed directly by ICP-MS.

MET-UG/G-CCMS-WT	Soil	Metal Scan Collision Cell ICPMS	EPA 200.2/6020A
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Sample is vigorously digested with nitric acid and hydrogen peroxide. Analysis is conducted by ICP/MS.

MOISTURE-WT	Soil	% Moisture	Gravimetric: Oven Dried
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PCB-WT	Soil	Polychlorinated Biphenyls	EPA 8082
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A representative sub-sample of a soil sample is mixed with methanol and extracted with toluene using a shaker technique. An aliquot of the separated toluene is analyzed by GC/MSD.

PCB-WT	Water	Polychlorinated Biphenyls	EPA 8082
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PCBs are extracted from an aqueous sample at neutral pH with aliquots of dichloromethane using a modified separatory funnel technique. The extracts are analyzed by GC/MSD.

** ALS test methods may incorporate modifications from specified reference methods to improve performance.

The last two letters of the above test code(s) indicate the laboratory that performed analytical analysis for that test. Refer to the list below:

Reference Information

Laboratory Definition Code	Laboratory Location
WT	ALS ENVIRONMENTAL - WATERLOO, ONTARIO, CANADA

Chain of Custody Numbers:

GLOSSARY OF REPORT TERMS

Surrogates are compounds that are similar in behaviour to target analyte(s), but that do not normally occur in environmental samples. For applicable tests, surrogates are added to samples prior to analysis as a check on recovery. In reports that display the D.L. column, laboratory objectives for surrogates are listed there.

- mg/kg - milligrams per kilogram based on dry weight of sample
- mg/kg ww_wt - milligrams per kilogram based on wet weight of sample
- mg/kg l_wt - milligrams per kilogram based on lipid weight of sample
- mg/L - unit of concentration based on volume, parts per million.
- < - Less than.
- D.L. - The reporting limit.
- N/A - Result not available. Refer to qualifier code and definition for explanation.

Test results reported relate only to the samples as received by the laboratory.
UNLESS OTHERWISE STATED, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.
Analytical results in unsigned test reports with the DRAFT watermark are subject to change, pending final QC review.



Quality Control Report

Workorder: L1216304

Report Date: 20-NOV-12

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Client: Department of National Defence - Royal Military College
Environmental Sciences Group
Kingston ON K7K7B4

Contact: CANDICE CASUCCI

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
F1-HS-511-WT		Water						
Batch	R2447174							
WG1556978-1	CVS							
F1 (C6-C10)			92.3		%		80-120	01-OCT-12
WG1556978-4	DUP	WG1556978-3						
F1 (C6-C10)		<25	<25	RPD-NA	ug/L	N/A	30	02-OCT-12
WG1556978-2	MB							
F1 (C6-C10)			<25		ug/L		25	01-OCT-12
Surrogate: 3,4-Dichlorotoluene			127.6		%		50-140	01-OCT-12
Batch	R2447221							
WG1556976-1	CVS							
F1 (C6-C10)			99.3		%		80-120	01-OCT-12
WG1556976-4	DUP	WG1556976-3						
F1 (C6-C10)		5540	5690		ug/L	2.7	30	02-OCT-12
WG1556976-2	MB							
F1 (C6-C10)			<25		ug/L		25	01-OCT-12
Surrogate: 3,4-Dichlorotoluene			75.9		%		50-140	01-OCT-12
WG1556976-5	MS	L1216590-1						
F1 (C6-C10)			N/A	MS-B	%		-	01-OCT-12
F2-F4-511-WT		Water						
Batch	R2448299							
WG1557834-1	CVS							
F2 (C10-C16)			99.0		%		65-135	03-OCT-12
F3 (C16-C34)			101.4		%		65-135	03-OCT-12
F4 (C34-C50)			97.5		%		65-135	03-OCT-12
WG1557834-2	CVS							
F2 (C10-C16)			99.4		%		65-135	03-OCT-12
F3 (C16-C34)			101.5		%		65-135	03-OCT-12
F4 (C34-C50)			99.1		%		65-135	03-OCT-12
WG1556949-2	LCS							
F2 (C10-C16)			79.3		%		65-135	03-OCT-12
F3 (C16-C34)			78.4		%		65-135	03-OCT-12
F4 (C34-C50)			74.0		%		65-135	03-OCT-12
WG1556949-3	LCSD	WG1556949-2						
F2 (C10-C16)		79.3	79.8		%	0.6	50	03-OCT-12
F3 (C16-C34)		78.4	78.3		%	0.0	50	03-OCT-12
F4 (C34-C50)		74.0	74.1		%	0.1	50	03-OCT-12
WG1556949-1	MB							
F2 (C10-C16)			<100		ug/L		100	03-OCT-12

Quality Control Report

Workorder: L1216304

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Client: Department of National Defence - Royal Military College
Environmental Sciences Group
Kingston ON K7K7B4

Contact: CANDICE CASUCCI

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET-TOT-WT	Water							
Batch	R2447363							
WG1557822-2 CVS								
Arsenic (As)-Total			105.3		%		80-120	02-OCT-12
Cadmium (Cd)-Total			113.9		%		80-120	02-OCT-12
Chromium (Cr)-Total			107.6		%		80-120	02-OCT-12
Cobalt (Co)-Total			106.2		%		80-120	02-OCT-12
Copper (Cu)-Total			106.6		%		80-120	02-OCT-12
Lead (Pb)-Total			107.9		%		80-120	02-OCT-12
Nickel (Ni)-Total			108.0		%		80-120	02-OCT-12
Zinc (Zn)-Total			106.3		%		80-120	02-OCT-12
WG1557798-4 DUP		WG1557798-3						
Arsenic (As)-Total		<0.0010	<0.0010	RPD-NA	mg/L	N/A	20	02-OCT-12
Cadmium (Cd)-Total		<0.000090	<0.000090	RPD-NA	mg/L	N/A	20	02-OCT-12
Chromium (Cr)-Total		<0.00050	<0.00050	RPD-NA	mg/L	N/A	20	02-OCT-12
Cobalt (Co)-Total		<0.00050	<0.00050	RPD-NA	mg/L	N/A	20	02-OCT-12
Copper (Cu)-Total		0.0820	0.0831		mg/L	1.3	20	02-OCT-12
Lead (Pb)-Total		<0.0010	<0.0010	RPD-NA	mg/L	N/A	20	02-OCT-12
Nickel (Ni)-Total		<0.0020	<0.0020	RPD-NA	mg/L	N/A	20	02-OCT-12
Zinc (Zn)-Total		0.0218	0.0221		mg/L	1.1	20	02-OCT-12
WG1557798-2 LCS								
Arsenic (As)-Total			107.2		%		70-130	02-OCT-12
Cadmium (Cd)-Total			110.1		%		70-130	02-OCT-12
Chromium (Cr)-Total			108.0		%		70-130	02-OCT-12
Cobalt (Co)-Total			104.1		%		70-130	02-OCT-12
Copper (Cu)-Total			106.8		%		70-130	02-OCT-12
Lead (Pb)-Total			113.6		%		70-130	02-OCT-12
Nickel (Ni)-Total			105.2		%		70-130	02-OCT-12
Zinc (Zn)-Total			110.0		%		70-130	02-OCT-12
WG1557798-5 MS		WG1557798-3						
Arsenic (As)-Total			104.5		%		70-130	02-OCT-12
Cadmium (Cd)-Total			95.0		%		70-130	02-OCT-12
Chromium (Cr)-Total			81.2		%		70-130	02-OCT-12
Cobalt (Co)-Total			99.2		%		70-130	02-OCT-12
Copper (Cu)-Total			96.3		%		70-130	02-OCT-12
Lead (Pb)-Total			98.6		%		70-130	02-OCT-12
Nickel (Ni)-Total			100.6		%		70-130	02-OCT-12

Quality Control Report

Workorder: L1216304

Report Date: 20-NOV-12

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Client: Department of National Defence - Royal Military College
Environmental Sciences Group
Kingston ON K7K7B4

Contact: CANDICE CASUCCI

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET-TOT-WT		Water						
Batch	R2447363							
WG1557798-5	MS	WG1557798-3						
Zinc (Zn)-Total			103.9		%		70-130	02-OCT-12
Batch	R2448191							
WG1558820-2	CVS							
Arsenic (As)-Total			98.3		%		80-120	03-OCT-12
Cadmium (Cd)-Total			103.4		%		80-120	03-OCT-12
Chromium (Cr)-Total			97.7		%		80-120	03-OCT-12
Cobalt (Co)-Total			96.3		%		80-120	03-OCT-12
Copper (Cu)-Total			97.8		%		80-120	03-OCT-12
Lead (Pb)-Total			99.5		%		80-120	03-OCT-12
Nickel (Ni)-Total			96.7		%		80-120	03-OCT-12
Zinc (Zn)-Total			93.3		%		80-120	03-OCT-12
WG1557798-1	MB							
Arsenic (As)-Total			<0.0010		mg/L		0.001	03-OCT-12
Cadmium (Cd)-Total			<0.000090		mg/L		0.00009	03-OCT-12
Chromium (Cr)-Total			<0.00050		mg/L		0.0005	03-OCT-12
Cobalt (Co)-Total			<0.00050		mg/L		0.0005	03-OCT-12
Copper (Cu)-Total			<0.0010		mg/L		0.001	03-OCT-12
Lead (Pb)-Total			<0.0010		mg/L		0.001	03-OCT-12
Nickel (Ni)-Total			<0.0020		mg/L		0.002	03-OCT-12
Zinc (Zn)-Total			<0.0030		mg/L		0.003	03-OCT-12
PCB-WT		Water						
Batch	R2449427							
WG1558828-1	CVS							
Aroclor 1242			88.0		%		70-130	04-OCT-12
Aroclor 1248			99.1		%		70-130	04-OCT-12
Aroclor 1254			89.1		%		70-130	04-OCT-12
Aroclor 1260			82.0		%		70-130	04-OCT-12
WG1557551-2	LCS							
Aroclor 1242			103.6		%		65-130	04-OCT-12
Aroclor 1248			87.6		%		65-130	04-OCT-12
Aroclor 1254			105.9		%		65-130	04-OCT-12
Aroclor 1260			115.2		%		65-130	04-OCT-12
WG1557551-3	LCSD	WG1557551-2						
Aroclor 1242		103.6	102.4		%	1.2	50	04-OCT-12

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Report Date: 20-NOV-12

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Client: Department of National Defence - Royal Military College
Environmental Sciences Group
Kingston ON K7K7B4

Contact: CANDICE CASUCCI

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
PCB-WT		Water						
Batch	R2449427							
WG1557551-3	LCSD	WG1557551-2						
Aroclor 1248		87.6	87.6		%	0.0	50	04-OCT-12
Aroclor 1254		105.9	99.7		%	6.0	50	04-OCT-12
Aroclor 1260		115.2	107.1		%	7.3	50	04-OCT-12
WG1557551-1	MB							
Aroclor 1242			<0.020		ug/L		0.02	04-OCT-12
Aroclor 1248			<0.020		ug/L		0.02	04-OCT-12
Aroclor 1254			<0.020		ug/L		0.02	04-OCT-12
Aroclor 1260			<0.020		ug/L		0.02	04-OCT-12
Surrogate: d14-Terphenyl			129.8		%		50-150	04-OCT-12
F1-HS-511-WT		Soil						
Batch	R2447208							
WG1556977-1	CVS							
F1 (C6-C10)			101.1		%		80-120	02-OCT-12
WG1556289-4	DUP	WG1556289-3						
F1 (C6-C10)		<5.0	<5.0	RPD-NA	ug/g	N/A	50	02-OCT-12
WG1556289-2	LCS							
F1 (C6-C10)			120.0		%		80-120	02-OCT-12
WG1556289-1	MB							
F1 (C6-C10)			<5.0		ug/g		5	02-OCT-12
Surrogate: 3,4-Dichlorotoluene			138.3		%		60-140	02-OCT-12
WG1556289-7	MS	WG1556289-6						
F1 (C6-C10)			112.0		%		50-140	02-OCT-12
Batch	R2447420							
WG1557408-1	CVS							
F1 (C6-C10)			89.7		%		80-120	02-OCT-12
WG1557062-4	DUP	WG1557062-3						
F1 (C6-C10)		<5.0	<5.0	RPD-NA	ug/g	N/A	50	02-OCT-12
COMMENTS: ; Analysis compromised due to type of sample jar received. Loses may have occurred according to 511 Regulation. Sample has headspace.								
WG1557062-2	LCS							
F1 (C6-C10)			118.0		%		80-120	02-OCT-12
WG1557062-1	MB							
F1 (C6-C10)			<5.0		ug/g		5	02-OCT-12
Surrogate: 3,4-Dichlorotoluene			107.6		%		50-140	02-OCT-12
WG1557062-6	MS	WG1557062-3						
F1 (C6-C10)			123.8		%		50-140	02-OCT-12

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Contact: CANDICE CASUCCI

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
F1-HS-511-WT								
Soil								
Batch R2447420								
WG1557062-6 MS								
WG1557062-3								
COMMENTS: ; Analysis compromised due to type of sample jar received. Loses may have occurred according to 511 Regulation. Sample has headspace.								
Batch R2448085								
WG1557837-1 CVS								
F1 (C6-C10)			115.5		%		80-120	03-OCT-12
WG1557135-4 DUP								
F1 (C6-C10)		WG1557135-3	<5.0	RPD-NA	ug/g	N/A	50	03-OCT-12
WG1557135-2 LCS								
F1 (C6-C10)			104.5		%		80-120	03-OCT-12
WG1557135-1 MB								
F1 (C6-C10)			<5.0		ug/g		5	03-OCT-12
Surrogate: 3,4-Dichlorotoluene			139.4		%		50-140	03-OCT-12
WG1557135-7 MS								
F1 (C6-C10)		WG1557135-6	117.4		%		50-140	03-OCT-12
F2-F4-511-WT								
Soil								
Batch R2447704								
WG1557850-1 CVS								
F2 (C10-C16)			102.8		%		80-120	02-OCT-12
F3 (C16-C34)			101.0		%		80-120	02-OCT-12
F4 (C34-C50)			98.5		%		80-120	02-OCT-12
WG1556963-4 DUP								
F2 (C10-C16)		L1215396-6	<10	RPD-NA	ug/g	N/A	40	02-OCT-12
F3 (C16-C34)			<50	RPD-NA	ug/g	N/A	40	02-OCT-12
F4 (C34-C50)			<50	RPD-NA	ug/g	N/A	40	02-OCT-12
WG1556963-2 LCS								
F2 (C10-C16)			93.2		%		80-120	02-OCT-12
F3 (C16-C34)			96.7		%		80-120	02-OCT-12
F4 (C34-C50)			94.8		%		80-120	02-OCT-12
WG1556963-3 LCSD								
F2 (C10-C16)		WG1556963-2	93.2		%	7.6	50	02-OCT-12
F3 (C16-C34)			96.7		%	6.1	50	02-OCT-12
F4 (C34-C50)			94.8		%	5.1	50	02-OCT-12
WG1556963-1 MB								
F2 (C10-C16)			<10		ug/g		10	02-OCT-12
F3 (C16-C34)			<50		ug/g		50	02-OCT-12
F4 (C34-C50)			<50		ug/g		50	02-OCT-12

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Contact: CANDICE CASUCCI

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
F2-F4-511-WT		Soil						
Batch	R2447704							
WG1556963-1	MB							
Surrogate: Octacosane			112.9		%		60-140	02-OCT-12
Surrogate: 2-Bromobenzotrifluoride			94.3		%		60-140	02-OCT-12
WG1556963-5	MS	L1215396-6						
F2 (C10-C16)			102.1		%		60-140	02-OCT-12
F3 (C16-C34)			105.7		%		60-140	02-OCT-12
F4 (C34-C50)			107.4		%		60-140	02-OCT-12
Batch	R2449034							
WG1557833-1	CVS							
F2 (C10-C16)			102.8		%		80-120	04-OCT-12
F3 (C16-C34)			105.3		%		80-120	04-OCT-12
F4 (C34-C50)			102.0		%		80-120	04-OCT-12
WG1557833-2	CVS							
F2 (C10-C16)			97.9		%		80-120	05-OCT-12
F3 (C16-C34)			99.1		%		80-120	05-OCT-12
F4 (C34-C50)			99.5		%		80-120	05-OCT-12
WG1556964-4	DUP	L1216304-86						
F2 (C10-C16)		<10	<10	RPD-NA	ug/g	N/A	40	05-OCT-12
F3 (C16-C34)		<50	<50	RPD-NA	ug/g	N/A	40	05-OCT-12
F4 (C34-C50)		<50	<50	RPD-NA	ug/g	N/A	40	05-OCT-12
WG1556964-2	LCS							
F2 (C10-C16)			90.4		%		80-120	04-OCT-12
F3 (C16-C34)			93.5		%		80-120	04-OCT-12
F4 (C34-C50)			91.9		%		80-120	04-OCT-12
WG1556964-3	LCSD	WG1556964-2						
F2 (C10-C16)		90.4	94.6		%	4.6	50	04-OCT-12
F3 (C16-C34)		93.5	97.4		%	4.1	50	04-OCT-12
F4 (C34-C50)		91.9	96.6		%	5.0	50	04-OCT-12
WG1556964-1	MB							
F2 (C10-C16)			<10		ug/g		10	04-OCT-12
F3 (C16-C34)			<50		ug/g		50	04-OCT-12
F4 (C34-C50)			<50		ug/g		50	04-OCT-12
Surrogate: Octacosane			113.4		%		60-140	04-OCT-12
Surrogate: 2-Bromobenzotrifluoride			92.0		%		60-140	04-OCT-12
WG1556964-5	MS	L1216304-86						
F2 (C10-C16)			97.3		%		60-140	05-OCT-12

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Contact: CANDICE CASUCCI

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
F2-F4-511-WT		Soil						
Batch	R2449034							
WG1556964-5	MS	L1216304-86						
F3 (C16-C34)			106.7		%		60-140	05-OCT-12
F4 (C34-C50)			103.6		%		60-140	05-OCT-12
Batch	R2449487							
WG1556996-1	CVS							
F2 (C10-C16)			103.7		%		80-120	04-OCT-12
F3 (C16-C34)			107.8		%		80-120	04-OCT-12
F4 (C34-C50)			103.9		%		80-120	04-OCT-12
WG1556996-2	CVS							
F2 (C10-C16)			103.4		%		80-120	04-OCT-12
F3 (C16-C34)			108.8		%		80-120	04-OCT-12
F4 (C34-C50)			105.6		%		80-120	04-OCT-12
WG1556507-4	DUP	L1216057-1						
F2 (C10-C16)		9670	7890		ug/g	20	40	04-OCT-12
F3 (C16-C34)		5360	4230		ug/g	23	40	04-OCT-12
F4 (C34-C50)		84	55	J	ug/g	29	100	04-OCT-12
WG1556507-2	LCS							
F2 (C10-C16)			90.9		%		80-120	04-OCT-12
F3 (C16-C34)			102.1		%		80-120	04-OCT-12
F4 (C34-C50)			117.7		%		80-120	04-OCT-12
WG1556507-3	LCSD	WG1556507-2						
F2 (C10-C16)		90.9	89.6		%	1.5	50	04-OCT-12
F3 (C16-C34)		102.1	96.0		%	6.2	50	04-OCT-12
F4 (C34-C50)		117.7	113.1		%	4.0	50	04-OCT-12
WG1556507-1	MB							
F2 (C10-C16)			<10		ug/g		10	04-OCT-12
F3 (C16-C34)			<50		ug/g		50	04-OCT-12
F4 (C34-C50)			<50		ug/g		50	04-OCT-12
Surrogate: Octacosane			111.7		%		60-140	04-OCT-12
Surrogate: 2-Bromobenzotrifluoride			87.9		%		60-140	04-OCT-12
WG1556507-5	MS	L1216057-1						
F2 (C10-C16)			N/A	MS-B	%		-	04-OCT-12
F3 (C16-C34)			N/A	MS-B	%		-	04-OCT-12
F4 (C34-C50)			N/A	MS-B	%		-	04-OCT-12

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Contact: CANDICE CASUCCI

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
F2-F4-511-WT		Soil						
Batch	R2450221							
WG1558823-1	CVS							
F2 (C10-C16)			100.2		%		80-120	05-OCT-12
F3 (C16-C34)			103.4		%		80-120	05-OCT-12
F4 (C34-C50)			103.5		%		80-120	05-OCT-12
WG1557766-4	DUP	L1216448-12						
F2 (C10-C16)		<10	<10	RPD-NA	ug/g	N/A	40	05-OCT-12
F3 (C16-C34)		76	202	J,G	ug/g	126	100	05-OCT-12
F4 (C34-C50)		<50	234	G	ug/g	N/A	40	05-OCT-12
COMMENTS: The duplicate results are approaching the detection limits and therefore uncertainty increases.								
WG1557766-2	LCS							
F2 (C10-C16)			93.2		%		80-120	05-OCT-12
F3 (C16-C34)			98.1		%		80-120	05-OCT-12
F4 (C34-C50)			93.4		%		80-120	05-OCT-12
WG1557766-3	LCSD	WG1557766-2						
F2 (C10-C16)		93.2	93.3		%	0.1	50	05-OCT-12
F3 (C16-C34)		98.1	98.0		%	0.1	50	05-OCT-12
F4 (C34-C50)		93.4	96.8		%	3.5	50	05-OCT-12
WG1557766-1	MB							
F2 (C10-C16)			<10		ug/g		10	05-OCT-12
F3 (C16-C34)			<50		ug/g		50	05-OCT-12
F4 (C34-C50)			<50		ug/g		50	05-OCT-12
Surrogate: Octacosane			96.7		%		60-140	05-OCT-12
Surrogate: 2-Bromobenzotrifluoride			82.9		%		60-140	05-OCT-12
WG1557766-5	MS	L1216448-12						
F2 (C10-C16)			94.2		%		60-140	05-OCT-12
F3 (C16-C34)			107.1		%		60-140	05-OCT-12
F4 (C34-C50)			174.6	K	%		60-140	05-OCT-12
F4G-ADD-511-WT		Soil						
Batch	R2450404							
WG1561316-2	LCS							
F4G-SG (GHH-Silica)			66.2		%		60-140	30-SEP-12
WG1561316-3	LCSD	WG1561316-2						
F4G-SG (GHH-Silica)		66.2	55.1		%	18	50	30-SEP-12
WG1561316-1	MB							
F4G-SG (GHH-Silica)			<500		mg/kg		500	30-SEP-12

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Contact: CANDICE CASUCCI

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
F4G-ADD-511-WT		Soil						
Batch	R2450588							
WG1561484-2	LCS							
F4G-SG (GHH-Silica)			79.1		%		60-140	05-OCT-12
WG1561484-3	LCSD	WG1561484-2						
F4G-SG (GHH-Silica)		79.1	73.5		%	7.3	50	05-OCT-12
WG1561484-1	MB							
F4G-SG (GHH-Silica)			<500		mg/kg		500	05-OCT-12
HG-WT		Soil						
Batch	R2448743							
WG1558138-2	CRM	WT-SS-1						
Mercury (Hg)			109.1		%		70-130	03-OCT-12
WG1558138-5	DUP	L1216304-17						
Mercury (Hg)		<0.010	<0.010	RPD-NA	mg/kg	N/A	20	03-OCT-12
WG1558138-4	LCS							
Mercury (Hg)			102.0		%		70-130	03-OCT-12
WG1558138-1	MB							
Mercury (Hg)			<0.010		mg/kg		0.01	03-OCT-12
WG1558138-6	MS	L1216304-17						
Mercury (Hg)			91.0		%		70-130	03-OCT-12
MET-UG/G-CCMS-WT		Soil						
Batch	R2449270							
WG1558843-2	CVS							
Arsenic (As)			100.8		%		70-130	03-OCT-12
Cadmium (Cd)			104.1		%		70-130	03-OCT-12
Chromium (Cr)			101.0		%		70-130	03-OCT-12
Cobalt (Co)			96.2		%		70-130	03-OCT-12
Copper (Cu)			100.3		%		70-130	03-OCT-12
Lead (Pb)			100.3		%		70-130	03-OCT-12
Nickel (Ni)			103.7		%		70-130	03-OCT-12
Zinc (Zn)			95.1		%		70-130	03-OCT-12
WG1558138-5	DUP	L1216304-17						
Arsenic (As)		37.9	44.5		ug/g	16	30	03-OCT-12
Cadmium (Cd)		<0.50	<0.50	RPD-NA	ug/g	N/A	30	03-OCT-12
Chromium (Cr)		45.1	52.5		ug/g	15	30	03-OCT-12
Cobalt (Co)		13.1	15.4		ug/g	16	30	03-OCT-12
Copper (Cu)		46.9	54.6		ug/g	15	30	03-OCT-12
Lead (Pb)		9.5	10.4		ug/g	9.2	40	03-OCT-12

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Contact: CANDICE CASUCCI

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET-UG/G-CCMS-WT		Soil						
Batch	R2449270							
WG1558138-5	DUP	L1216304-17						
Nickel (Ni)		41.2	47.6		ug/g	14	30	03-OCT-12
Zinc (Zn)		76.1	87.1		ug/g	13	30	03-OCT-12
WG1558138-7	DUP	L1216304-61						
Arsenic (As)		31.9	33.5		ug/g	4.9	30	03-OCT-12
Cadmium (Cd)		<0.50	<0.50	RPD-NA	ug/g	N/A	30	03-OCT-12
Chromium (Cr)		107	110		ug/g	2.9	30	03-OCT-12
Cobalt (Co)		12.0	12.6		ug/g	4.3	30	03-OCT-12
Copper (Cu)		62.2	64.4		ug/g	3.6	30	03-OCT-12
Lead (Pb)		10.3	11.0		ug/g	6.1	40	03-OCT-12
Nickel (Ni)		43.7	45.7		ug/g	4.5	30	03-OCT-12
Zinc (Zn)		92.4	95.5		ug/g	3.3	30	03-OCT-12
WG1558138-9	DUP	L1216304-104						
Arsenic (As)		58.4	58.5		ug/g	0.1	30	03-OCT-12
Cadmium (Cd)		<0.50	0.50	RPD-NA	ug/g	N/A	30	03-OCT-12
Chromium (Cr)		72.6	74.9		ug/g	3.1	30	03-OCT-12
Cobalt (Co)		25.2	26.6		ug/g	5.7	30	03-OCT-12
Copper (Cu)		85.1	88.5		ug/g	3.9	30	03-OCT-12
Lead (Pb)		18.0	17.8		ug/g	0.7	40	03-OCT-12
Nickel (Ni)		101	105		ug/g	4.3	30	03-OCT-12
Zinc (Zn)		142	148		ug/g	4.2	30	03-OCT-12
WG1558138-3	LCS							
Arsenic (As)			101.8		%		80-120	03-OCT-12
Cadmium (Cd)			104.5		%		80-120	03-OCT-12
Chromium (Cr)			101.1		%		80-120	03-OCT-12
Cobalt (Co)			99.9		%		80-120	03-OCT-12
Copper (Cu)			96.6		%		80-120	03-OCT-12
Lead (Pb)			100.1		%		80-120	03-OCT-12
Nickel (Ni)			100.1		%		80-120	03-OCT-12
Zinc (Zn)			117.6		%		80-120	03-OCT-12
WG1558138-1	MB							
Arsenic (As)			<0.20		ug/g		0.2	03-OCT-12
Cadmium (Cd)			<0.50		ug/g		0.5	03-OCT-12
Chromium (Cr)			<1.0		ug/g		1	03-OCT-12
Cobalt (Co)			<1.0		ug/g		1	03-OCT-12

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Contact: CANDICE CASUCCI

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET-UG/G-CCMS-WT		Soil						
Batch	R2449270							
WG1558138-1	MB							
Copper (Cu)			<1.0		ug/g		1	03-OCT-12
Lead (Pb)			<1.0		ug/g		1	03-OCT-12
Nickel (Ni)			<1.0		ug/g		1	03-OCT-12
Zinc (Zn)			<5.0		ug/g		5	03-OCT-12
MOISTURE-WT		Soil						
Batch	R2445844							
WG1556306-5	DUP	L1216304-19						
% Moisture		10.8	9.32		%	15	30	28-SEP-12
WG1556306-4	LCS							
% Moisture			90.9		%		70-130	28-SEP-12
WG1556306-3	MB							
% Moisture			<0.10		%		0.1	28-SEP-12
Batch	R2447153							
WG1557132-3	DUP	L1216304-41						
% Moisture		12.1	13.5		%	11	30	01-OCT-12
WG1557132-2	LCS							
% Moisture			91.8		%		70-130	01-OCT-12
WG1557132-1	MB							
% Moisture			<0.10		%		0.1	01-OCT-12
Batch	R2447155							
WG1557136-3	DUP	L1216304-71						
% Moisture		13.4	15.1		%	12	30	01-OCT-12
WG1557136-2	LCS							
% Moisture			91.3		%		70-130	01-OCT-12
WG1557136-1	MB							
% Moisture			<0.10		%		0.1	01-OCT-12
Batch	R2447160							
WG1557224-3	DUP	L1216304-100						
% Moisture		6.61	6.65		%	0.7	30	01-OCT-12
WG1557224-2	LCS							
% Moisture			94.4		%		70-130	01-OCT-12
WG1557224-1	MB							
% Moisture			<0.10		%		0.1	01-OCT-12

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Contact: CANDICE CASUCCI

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
PCB-WT		Soil						
Batch	R2448177							
WG1556970-1	MB							
Aroclor 1260			<0.010		mg/kg		0.01	03-OCT-12
Surrogate: d14-Terphenyl			99.2		%		50-150	03-OCT-12
WG1556970-5	MS	L1216304-56						
Aroclor 1242			84.6		%		50-150	03-OCT-12
Aroclor 1254			81.7		%		50-150	03-OCT-12
Aroclor 1260			88.8		%		50-150	03-OCT-12
Batch	R2448436							
WG1557827-1	CVS							
Aroclor 1242			99.8		%		70-130	03-OCT-12
Aroclor 1248			97.6		%		70-130	03-OCT-12
Aroclor 1254			105.9		%		70-130	03-OCT-12
Aroclor 1260			93.6		%		70-130	03-OCT-12
WG1557767-4	DUP	L1216304-100						
Aroclor 1242		<0.010	<0.010	RPD-NA	mg/kg	N/A	50	03-OCT-12
Aroclor 1248		<0.010	<0.010	RPD-NA	mg/kg	N/A	50	03-OCT-12
Aroclor 1254		<0.010	<0.010	RPD-NA	mg/kg	N/A	50	03-OCT-12
Aroclor 1260		<0.010	<0.010	RPD-NA	mg/kg	N/A	50	03-OCT-12
WG1557767-2	LCS							
Aroclor 1242			87.4		%		65-130	03-OCT-12
Aroclor 1248			87.7		%		65-130	03-OCT-12
Aroclor 1254			80.4		%		65-130	03-OCT-12
Aroclor 1260			86.5		%		65-130	03-OCT-12
WG1557767-3	LCSD	WG1557767-2						
Aroclor 1242		87.4	83.3		%	4.7	50	03-OCT-12
Aroclor 1248		87.7	87.7		%	0.0	50	03-OCT-12
Aroclor 1254		80.4	77.4		%	3.8	50	03-OCT-12
Aroclor 1260		86.5	86.5		%	0.0	50	03-OCT-12
WG1557767-1	MB							
Aroclor 1242			<0.010		mg/kg		0.01	03-OCT-12
Aroclor 1248			<0.010		mg/kg		0.01	03-OCT-12
Aroclor 1254			<0.010		mg/kg		0.01	03-OCT-12
Aroclor 1260			<0.010		mg/kg		0.01	03-OCT-12
Surrogate: d14-Terphenyl			104.0		%		50-150	03-OCT-12
WG1557767-5	MS	L1216304-100						
Aroclor 1242			85.6		%		50-150	03-OCT-12



Quality Control Report

Workorder: L1216304

Report Date: 20-NOV-12

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Client: Department of National Defence - Royal Military College
Environmental Sciences Group
Kingston ON K7K7B4

Contact: CANDICE CASUCCI

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
PCB-WT	Soil							
Batch	R2448436							
WG1557767-5	MS	L1216304-100						
Aroclor 1254			77.7		%		50-150	03-OCT-12
Aroclor 1260			86.6		%		50-150	03-OCT-12

Quality Control Report

Workorder: L1216304

Report Date: 20-NOV-12

Client: Department of National Defence - Royal Military College
Environmental Sciences Group
Kingston ON K7K7B4

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Contact: CANDICE CASUCCI

Legend:

Limit	ALS Control Limit (Data Quality Objectives)
DUP	Duplicate
RPD	Relative Percent Difference
N/A	Not Available
LCS	Laboratory Control Sample
SRM	Standard Reference Material
MS	Matrix Spike
MSD	Matrix Spike Duplicate
ADE	Average Desorption Efficiency
MB	Method Blank
IRM	Internal Reference Material
CRM	Certified Reference Material
CCV	Continuing Calibration Verification
CVS	Calibration Verification Standard
LCSD	Laboratory Control Sample Duplicate

Sample Parameter Qualifier Definitions:

Qualifier	Description
ABL	Approximate Result: May Be Biased Low
DLA	Detection Limit Adjusted For required dilution
G	QC result did not meet ALS DQO. Refer to narrative comments for further information.
J	Duplicate results and limits are expressed in terms of absolute difference.
K	Matrix Spike recovery outside ALS DQO due to sample matrix effects.
MS-B	Matrix Spike recovery could not be accurately calculated due to high analyte background in sample.
RPD-NA	Relative Percent Difference Not Available due to result(s) being less than detection limit.

Quality Control Report

Workorder: L1216304

Report Date: 20-NOV-12

Client: Department of National Defence - Royal Military College
Environmental Sciences Group
Kingston ON K7K7B4
Contact: CANDICE CASUCCI

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Hold Time Exceedances:

ALS Product Description	Sample ID	Sampling Date	Date Processed	Rec. HT	Actual HT	Units	Qualifier
Physical Tests							
% Moisture	12	11-SEP-12	28-SEP-12 22:27	14	17	days	EHTR
	14	11-SEP-12	28-SEP-12 22:28	14	17	days	EHTR
	15	11-SEP-12	28-SEP-12 22:29	14	17	days	EHTR
	16	11-SEP-12	28-SEP-12 22:30	14	17	days	EHTR
	17	11-SEP-12	28-SEP-12 22:31	14	17	days	EHTR
	18	11-SEP-12	01-OCT-12 11:55	14	20	days	EHTR
	19	11-SEP-12	28-SEP-12 22:32	14	17	days	EHTR
	20	11-SEP-12	01-OCT-12 11:56	14	20	days	EHTR
	21	11-SEP-12	28-SEP-12 22:34	14	17	days	EHTR
	22	11-SEP-12	01-OCT-12 11:57	14	20	days	EHTR
	23	11-SEP-12	28-SEP-12 22:35	14	17	days	EHTR
	24	11-SEP-12	01-OCT-12 11:58	14	20	days	EHTR
	26	11-SEP-12	01-OCT-12 11:59	14	20	days	EHTR
	27	11-SEP-12	01-OCT-12 12:00	14	20	days	EHTR
	28	11-SEP-12	01-OCT-12 12:01	14	20	days	EHTR
	29	11-SEP-12	01-OCT-12 12:02	14	20	days	EHTR
	30	11-SEP-12	01-OCT-12 12:03	14	20	days	EHTR
	31	11-SEP-12	01-OCT-12 12:04	14	20	days	EHTR
	32	11-SEP-12	01-OCT-12 12:05	14	20	days	EHTR
	33	11-SEP-12	01-OCT-12 12:06	14	20	days	EHTR
	34	11-SEP-12	01-OCT-12 12:07	14	20	days	EHTR
	35	11-SEP-12	01-OCT-12 12:08	14	20	days	EHTR
	36	11-SEP-12	01-OCT-12 12:09	14	20	days	EHTR
	38	11-SEP-12	01-OCT-12 12:10	14	20	days	EHTR
	39	11-SEP-12	01-OCT-12 12:11	14	20	days	EHTR
	40	11-SEP-12	01-OCT-12 12:12	14	20	days	EHTR
	41	11-SEP-12	01-OCT-12 12:13	14	20	days	EHTR
	42	11-SEP-12	01-OCT-12 12:20	14	20	days	EHTR
	43	11-SEP-12	01-OCT-12 12:21	14	20	days	EHTR
	44	11-SEP-12	01-OCT-12 12:22	14	20	days	EHTR
	45	11-SEP-12	01-OCT-12 12:23	14	20	days	EHTR
	46	11-SEP-12	01-OCT-12 12:24	14	20	days	EHTR
	47	11-SEP-12	01-OCT-12 12:25	14	20	days	EHTR
	48	11-SEP-12	01-OCT-12 12:26	14	20	days	EHTR
	50	11-SEP-12	01-OCT-12 12:27	14	20	days	EHTR
	51	11-SEP-12	01-OCT-12 12:28	14	20	days	EHTR
	52	11-SEP-12	01-OCT-12 12:29	14	20	days	EHTR
	53	11-SEP-12	01-OCT-12 12:30	14	20	days	EHTR
	54	11-SEP-12	01-OCT-12 12:31	14	20	days	EHTR
	55	11-SEP-12	01-OCT-12 12:32	14	20	days	EHTR
	56	11-SEP-12	01-OCT-12 12:33	14	20	days	EHTR
	57	11-SEP-12	01-OCT-12 12:34	14	20	days	EHTR
	58	11-SEP-12	01-OCT-12 12:35	14	20	days	EHTR
	59	11-SEP-12	01-OCT-12 12:36	14	20	days	EHTR
	60	11-SEP-12	01-OCT-12 12:37	14	20	days	EHTR
	62	11-SEP-12	01-OCT-12 12:38	14	20	days	EHTR
	63	11-SEP-12	01-OCT-12 12:52	14	20	days	EHTR
	64	11-SEP-12	01-OCT-12 12:53	14	20	days	EHTR
	65	11-SEP-12	01-OCT-12 12:54	14	20	days	EHTR
	66	11-SEP-12	01-OCT-12 12:55	14	20	days	EHTR
	67	11-SEP-12	01-OCT-12 12:56	14	20	days	EHTR
	68	11-SEP-12	01-OCT-12 12:57	14	20	days	EHTR
	69	11-SEP-12	01-OCT-12 12:58	14	20	days	EHTR

Quality Control Report

Workorder: L1216304

Report Date: 20-NOV-12

Client: Department of National Defence - Royal Military College
Environmental Sciences Group
Kingston ON K7K7B4
Contact: CANDICE CASUCCI

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Hold Time Exceedances:

ALS Product Description	Sample ID	Sampling Date	Date Processed	Rec. HT	Actual HT	Units	Qualifier
Physical Tests							
% Moisture	70	11-SEP-12	01-OCT-12 12:59	14	20	days	EHTR
	71	11-SEP-12	01-OCT-12 13:00	14	20	days	EHTR
	72	11-SEP-12	01-OCT-12 13:02	14	20	days	EHTR
	74	11-SEP-12	01-OCT-12 13:03	14	20	days	EHTR
	75	11-SEP-12	01-OCT-12 13:04	14	20	days	EHTR
	76	11-SEP-12	01-OCT-12 13:05	14	20	days	EHTR
	77	11-SEP-12	01-OCT-12 13:06	14	20	days	EHTR
	78	11-SEP-12	01-OCT-12 13:07	14	20	days	EHTR
	79	11-SEP-12	01-OCT-12 13:08	14	20	days	EHTR
	80	11-SEP-12	01-OCT-12 13:09	14	20	days	EHTR
	81	11-SEP-12	01-OCT-12 13:10	14	20	days	EHTR
	82	11-SEP-12	01-OCT-12 13:11	14	20	days	EHTR
	83	11-SEP-12	01-OCT-12 13:12	14	20	days	EHTR
	84	11-SEP-12	01-OCT-12 12:39	14	20	days	EHTR
	85	11-SEP-12	01-OCT-12 14:40	14	20	days	EHTR
	86	11-SEP-12	01-OCT-12 14:41	14	20	days	EHTR
	87	11-SEP-12	01-OCT-12 14:42	14	20	days	EHTR
	88	11-SEP-12	01-OCT-12 14:43	14	20	days	EHTR
	89	11-SEP-12	01-OCT-12 14:44	14	20	days	EHTR
	90	11-SEP-12	01-OCT-12 14:45	14	20	days	EHTR
	91	11-SEP-12	01-OCT-12 14:46	14	20	days	EHTR
	92	11-SEP-12	01-OCT-12 14:47	14	20	days	EHTR
	93	11-SEP-12	01-OCT-12 14:48	14	20	days	EHTR
	94	11-SEP-12	01-OCT-12 14:49	14	20	days	EHTR
	95	11-SEP-12	01-OCT-12 14:50	14	20	days	EHTR
	96	11-SEP-12	01-OCT-12 14:51	14	20	days	EHTR
	97	11-SEP-12	01-OCT-12 14:52	14	20	days	EHTR
	98	11-SEP-12	01-OCT-12 14:53	14	20	days	EHTR
	99	11-SEP-12	01-OCT-12 14:54	14	20	days	EHTR
	100	11-SEP-12	01-OCT-12 14:55	14	20	days	EHTR
	101	11-SEP-12	01-OCT-12 14:57	14	20	days	EHTR
	102	11-SEP-12	01-OCT-12 14:58	14	20	days	EHTR
	103	11-SEP-12	01-OCT-12 14:59	14	20	days	EHTR
	104	11-SEP-12	01-OCT-12 15:00	14	20	days	EHTR
	105	11-SEP-12	01-OCT-12 15:48	14	20	days	EHTR
	106	11-SEP-12	01-OCT-12 15:49	14	20	days	EHTR
	107	11-SEP-12	01-OCT-12 15:50	14	20	days	EHTR
	108	11-SEP-12	01-OCT-12 15:51	14	20	days	EHTR
	109	11-SEP-12	01-OCT-12 15:52	14	20	days	EHTR
	110	11-SEP-12	01-OCT-12 15:53	14	20	days	EHTR
	111	11-SEP-12	01-OCT-12 15:54	14	20	days	EHTR
	112	11-SEP-12	01-OCT-12 15:55	14	20	days	EHTR
Hydrocarbons							
F1-O.Reg 153/04 (July 2011)	14	11-SEP-12	28-SEP-12 18:22	14	17	days	EHTR
	16	11-SEP-12	28-SEP-12 18:26	14	17	days	EHTR
	18	11-SEP-12	28-SEP-12 18:29	14	17	days	EHTR
	20	11-SEP-12	28-SEP-12 18:30	14	17	days	EHTR
	22	11-SEP-12	28-SEP-12 18:31	14	17	days	EHTR
	26	11-SEP-12	28-SEP-12 18:32	14	17	days	EHTR
	27	11-SEP-12	28-SEP-12 18:33	14	17	days	EHTR
	29	11-SEP-12	28-SEP-12 18:34	14	17	days	EHTR

Quality Control Report

Workorder: L1216304

Report Date: 20-NOV-12

Client: Department of National Defence - Royal Military College
Environmental Sciences Group
Kingston ON K7K7B4
Contact: CANDICE CASUCCI

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Hold Time Exceedances:

ALS Product Description	Sample ID	Sampling Date	Date Processed	Rec. HT	Actual HT	Units	Qualifier
Hydrocarbons							
F1-O.Reg 153/04 (July 2011)							
	31	11-SEP-12	28-SEP-12 18:35	14	17	days	EHTR
	33	11-SEP-12	28-SEP-12 18:36	14	17	days	EHTR
	35	11-SEP-12	28-SEP-12 18:37	14	17	days	EHTR
	38	11-SEP-12	28-SEP-12 18:38	14	17	days	EHTR
	40	11-SEP-12	28-SEP-12 18:39	14	17	days	EHTR
	42	11-SEP-12	28-SEP-12 18:40	14	17	days	EHTR
	44	11-SEP-12	28-SEP-12 18:41	14	17	days	EHTR
	46	11-SEP-12	28-SEP-12 18:42	14	17	days	EHTR
	50	11-SEP-12	28-SEP-12 18:43	14	17	days	EHTR
	51	11-SEP-12	28-SEP-12 18:44	14	17	days	EHTR
	53	11-SEP-12	28-SEP-12 18:45	14	17	days	EHTR
	55	11-SEP-12	28-SEP-12 18:46	14	17	days	EHTR
	57	11-SEP-12	01-OCT-12 10:28	14	20	days	EHTR
	59	11-SEP-12	01-OCT-12 10:29	14	20	days	EHTR
	62	11-SEP-12	01-OCT-12 10:30	14	20	days	EHTR
	64	11-SEP-12	01-OCT-12 10:31	14	20	days	EHTR
	66	11-SEP-12	01-OCT-12 10:32	14	20	days	EHTR
	68	11-SEP-12	01-OCT-12 10:33	14	20	days	EHTR
	70	11-SEP-12	01-OCT-12 10:34	14	20	days	EHTR
	74	11-SEP-12	01-OCT-12 10:35	14	20	days	EHTR
	75	11-SEP-12	01-OCT-12 10:36	14	20	days	EHTR
	77	11-SEP-12	01-OCT-12 10:37	14	20	days	EHTR
	79	11-SEP-12	01-OCT-12 10:38	14	20	days	EHTR
	81	11-SEP-12	01-OCT-12 10:39	14	20	days	EHTR
	83	11-SEP-12	01-OCT-12 10:40	14	20	days	EHTR
	86	11-SEP-12	01-OCT-12 10:41	14	20	days	EHTR
	88	11-SEP-12	01-OCT-12 10:46	14	20	days	EHTR
	90	11-SEP-12	01-OCT-12 10:47	14	20	days	EHTR
	92	11-SEP-12	01-OCT-12 10:48	14	20	days	EHTR
	94	11-SEP-12	01-OCT-12 10:49	14	20	days	EHTR
	98	11-SEP-12	01-OCT-12 10:50	14	20	days	EHTR
	99	11-SEP-12	01-OCT-12 10:51	14	20	days	EHTR
	101	11-SEP-12	01-OCT-12 12:05	14	20	days	EHTR
	103	11-SEP-12	01-OCT-12 12:06	14	20	days	EHTR
	105	11-SEP-12	01-OCT-12 12:07	14	20	days	EHTR
	107	11-SEP-12	01-OCT-12 12:08	14	20	days	EHTR
	110	11-SEP-12	01-OCT-12 12:09	14	20	days	EHTR
	112	11-SEP-12	01-OCT-12 12:10	14	20	days	EHTR
F2-F4-O.Reg 153/04 (July 2011)							
	1	11-SEP-12	30-SEP-12 07:05	14	19	days	EHTR
	2	11-SEP-12	30-SEP-12 07:06	14	19	days	EHTR
	3	11-SEP-12	30-SEP-12 07:07	14	19	days	EHTR
	4	11-SEP-12	01-OCT-12 07:05	14	20	days	EHTR
	5	11-SEP-12	01-OCT-12 07:06	14	20	days	EHTR
	6	11-SEP-12	01-OCT-12 07:07	14	20	days	EHTR
	7	11-SEP-12	01-OCT-12 07:08	14	20	days	EHTR
	8	11-SEP-12	01-OCT-12 07:09	14	20	days	EHTR
	9	11-SEP-12	01-OCT-12 07:10	14	20	days	EHTR
	10	11-SEP-12	01-OCT-12 07:11	14	20	days	EHTR
	11	11-SEP-12	01-OCT-12 07:12	14	20	days	EHTR
F2-F4-O.Reg 153/04 (July 2011)							
	14	11-SEP-12	30-SEP-12 06:49	14	19	days	EHTR

Quality Control Report

Workorder: L1216304

Report Date: 20-NOV-12

Client: Department of National Defence - Royal Military College
Environmental Sciences Group
Kingston ON K7K7B4
Contact: CANDICE CASUCCI

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Hold Time Exceedances:

ALS Product Description	Sample ID	Sampling Date	Date Processed	Rec. HT	Actual HT	Units	Qualifier
Hydrocarbons							
F2-F4-O.Reg 153/04 (July 2011)							
	16	11-SEP-12	30-SEP-12 06:50	14	19	days	EHTR
	18	11-SEP-12	30-SEP-12 06:51	14	19	days	EHTR
	20	11-SEP-12	30-SEP-12 06:52	14	19	days	EHTR
	22	11-SEP-12	30-SEP-12 06:53	14	19	days	EHTR
	26	11-SEP-12	30-SEP-12 06:54	14	19	days	EHTR
	27	11-SEP-12	30-SEP-12 06:55	14	19	days	EHTR
	29	11-SEP-12	30-SEP-12 06:56	14	19	days	EHTR
	31	11-SEP-12	30-SEP-12 06:57	14	19	days	EHTR
	33	11-SEP-12	30-SEP-12 06:58	14	19	days	EHTR
	35	11-SEP-12	30-SEP-12 06:59	14	19	days	EHTR
	38	11-SEP-12	30-SEP-12 07:00	14	19	days	EHTR
	40	11-SEP-12	30-SEP-12 07:01	14	19	days	EHTR
	42	11-SEP-12	30-SEP-12 07:02	14	19	days	EHTR
	44	11-SEP-12	30-SEP-12 07:03	14	19	days	EHTR
	46	11-SEP-12	30-SEP-12 07:04	14	19	days	EHTR
	50	11-SEP-12	30-SEP-12 07:05	14	19	days	EHTR
	51	11-SEP-12	30-SEP-12 07:06	14	19	days	EHTR
	53	11-SEP-12	01-OCT-12 22:46	14	20	days	EHTR
	55	11-SEP-12	01-OCT-12 22:47	14	20	days	EHTR
	57	11-SEP-12	30-SEP-12 07:07	14	19	days	EHTR
	59	11-SEP-12	30-SEP-12 15:41	14	19	days	EHTR
	62	11-SEP-12	30-SEP-12 15:42	14	19	days	EHTR
	64	11-SEP-12	30-SEP-12 15:43	14	19	days	EHTR
	66	11-SEP-12	30-SEP-12 15:44	14	19	days	EHTR
	68	11-SEP-12	30-SEP-12 15:45	14	19	days	EHTR
	70	11-SEP-12	30-SEP-12 15:46	14	19	days	EHTR
	74	11-SEP-12	29-SEP-12 06:50	14	18	days	EHTR
	75	11-SEP-12	30-SEP-12 15:47	14	19	days	EHTR
	77	11-SEP-12	30-SEP-12 15:48	14	19	days	EHTR
	79	11-SEP-12	30-SEP-12 15:49	14	19	days	EHTR
	81	11-SEP-12	30-SEP-12 15:50	14	19	days	EHTR
	83	11-SEP-12	30-SEP-12 15:51	14	19	days	EHTR
	86	11-SEP-12	30-SEP-12 15:52	14	19	days	EHTR
	88	11-SEP-12	30-SEP-12 15:55	14	19	days	EHTR
	90	11-SEP-12	30-SEP-12 15:56	14	19	days	EHTR
	92	11-SEP-12	30-SEP-12 15:57	14	19	days	EHTR
	94	11-SEP-12	30-SEP-12 15:58	14	19	days	EHTR
	98	11-SEP-12	29-SEP-12 06:51	14	18	days	EHTR
	99	11-SEP-12	30-SEP-12 15:59	14	19	days	EHTR
	101	11-SEP-12	30-SEP-12 16:00	14	19	days	EHTR
	103	11-SEP-12	01-OCT-12 22:48	14	20	days	EHTR
	105	11-SEP-12	01-OCT-12 22:49	14	20	days	EHTR
	107	11-SEP-12	01-OCT-12 22:50	14	20	days	EHTR
	110	11-SEP-12	01-OCT-12 22:51	14	20	days	EHTR
	112	11-SEP-12	01-OCT-12 22:52	14	20	days	EHTR
F4G SG-O.Reg 153/04 (July 2011)							
	53	11-SEP-12	05-OCT-12 21:37	14	24	days	EHTR
	81	11-SEP-12	30-SEP-12 17:19	14	19	days	EHTR
	105	11-SEP-12	05-OCT-12 21:38	14	24	days	EHTR
Polychlorinated Biphenyls							
Polychlorinated Biphenyls							
	1	11-SEP-12	01-OCT-12 08:01	14	20	days	EHTR

Quality Control Report

Workorder: L1216304

Report Date: 20-NOV-12

Client: Department of National Defence - Royal Military College
Environmental Sciences Group
Kingston ON K7K7B4
Contact: CANDICE CASUCCI

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Hold Time Exceedances:

ALS Product Description	Sample ID	Sampling Date	Date Processed	Rec. HT	Actual HT	Units	Qualifier
Polychlorinated Biphenyls							
Polychlorinated Biphenyls	2	11-SEP-12	01-OCT-12 08:02	14	20	days	EHTR
	3	11-SEP-12	01-OCT-12 08:03	14	20	days	EHTR
	4	11-SEP-12	01-OCT-12 08:04	14	20	days	EHTR
	5	11-SEP-12	01-OCT-12 08:05	14	20	days	EHTR
	6	11-SEP-12	01-OCT-12 08:06	14	20	days	EHTR
	7	11-SEP-12	01-OCT-12 08:07	14	20	days	EHTR
	8	11-SEP-12	01-OCT-12 08:08	14	20	days	EHTR
	9	11-SEP-12	01-OCT-12 08:09	14	20	days	EHTR
	10	11-SEP-12	01-OCT-12 08:10	14	20	days	EHTR
	11	11-SEP-12	01-OCT-12 08:11	14	20	days	EHTR
Polychlorinated Biphenyls	12	11-SEP-12	01-OCT-12 03:12	14	20	days	EHTR
	15	11-SEP-12	01-OCT-12 03:15	14	20	days	EHTR
	17	11-SEP-12	01-OCT-12 03:16	14	20	days	EHTR
	19	11-SEP-12	01-OCT-12 03:17	14	20	days	EHTR
	21	11-SEP-12	01-OCT-12 03:18	14	20	days	EHTR
	23	11-SEP-12	01-OCT-12 03:19	14	20	days	EHTR
	24	11-SEP-12	01-OCT-12 03:20	14	20	days	EHTR
	28	11-SEP-12	01-OCT-12 03:21	14	20	days	EHTR
	30	11-SEP-12	01-OCT-12 03:22	14	20	days	EHTR
	32	11-SEP-12	01-OCT-12 03:23	14	20	days	EHTR
	34	11-SEP-12	01-OCT-12 03:24	14	20	days	EHTR
	36	11-SEP-12	01-OCT-12 03:25	14	20	days	EHTR
	39	11-SEP-12	01-OCT-12 03:26	14	20	days	EHTR
	41	11-SEP-12	01-OCT-12 03:27	14	20	days	EHTR
	43	11-SEP-12	01-OCT-12 03:28	14	20	days	EHTR
	45	11-SEP-12	01-OCT-12 03:29	14	20	days	EHTR
	47	11-SEP-12	01-OCT-12 03:30	14	20	days	EHTR
	48	11-SEP-12	01-OCT-12 03:31	14	20	days	EHTR
	52	11-SEP-12	01-OCT-12 03:32	14	20	days	EHTR
	54	11-SEP-12	01-OCT-12 03:33	14	20	days	EHTR
	56	11-SEP-12	01-OCT-12 06:03	14	20	days	EHTR
	58	11-SEP-12	01-OCT-12 06:06	14	20	days	EHTR
	60	11-SEP-12	01-OCT-12 06:07	14	20	days	EHTR
	63	11-SEP-12	01-OCT-12 06:08	14	20	days	EHTR
	65	11-SEP-12	01-OCT-12 06:09	14	20	days	EHTR
	67	11-SEP-12	01-OCT-12 06:10	14	20	days	EHTR
	69	11-SEP-12	01-OCT-12 06:11	14	20	days	EHTR
	71	11-SEP-12	01-OCT-12 06:12	14	20	days	EHTR
	72	11-SEP-12	01-OCT-12 06:13	14	20	days	EHTR
	76	11-SEP-12	01-OCT-12 06:14	14	20	days	EHTR
	78	11-SEP-12	01-OCT-12 06:15	14	20	days	EHTR
	80	11-SEP-12	01-OCT-12 06:16	14	20	days	EHTR
	82	11-SEP-12	01-OCT-12 06:17	14	20	days	EHTR
	84	11-SEP-12	01-OCT-12 06:18	14	20	days	EHTR
	87	11-SEP-12	01-OCT-12 06:19	14	20	days	EHTR
	89	11-SEP-12	01-OCT-12 06:20	14	20	days	EHTR
	91	11-SEP-12	01-OCT-12 06:21	14	20	days	EHTR
	93	11-SEP-12	01-OCT-12 06:22	14	20	days	EHTR
	95	11-SEP-12	01-OCT-12 06:23	14	20	days	EHTR
	96	11-SEP-12	01-OCT-12 06:24	14	20	days	EHTR
	100	11-SEP-12	01-OCT-12 06:45	14	20	days	EHTR
	102	11-SEP-12	01-OCT-12 06:48	14	20	days	EHTR

Quality Control Report

Workorder: L1216304

Report Date: 20-NOV-12

Client: Department of National Defence - Royal Military College
Environmental Sciences Group
Kingston ON K7K7B4
Contact: CANDICE CASUCCI

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Hold Time Exceedances:

ALS Product Description	Sample ID	Sampling Date	Date Processed	Rec. HT	Actual HT	Units	Qualifier
Polychlorinated Biphenyls							
Polychlorinated Biphenyls	104	11-SEP-12	01-OCT-12 06:49	14	20	days	EHTR
	106	11-SEP-12	01-OCT-12 06:50	14	20	days	EHTR
	108	11-SEP-12	01-OCT-12 06:51	14	20	days	EHTR
	111	11-SEP-12	01-OCT-12 06:52	14	20	days	EHTR

Legend & Qualifier Definitions:

EHTR-FM: Exceeded ALS recommended hold time prior to sample receipt. Field Measurement recommended.
EHTR: Exceeded ALS recommended hold time prior to sample receipt.
EHTL: Exceeded ALS recommended hold time prior to analysis. Sample was received less than 24 hours prior to expiry.
EHT: Exceeded ALS recommended hold time prior to analysis.
Rec. HT: ALS recommended hold time (see units).

Notes*:
Where actual sampling date is not provided to ALS, the date (& time) of receipt is used for calculation purposes.
Where actual sampling time is not provided to ALS, the earlier of 12 noon on the sampling date or the time (& date) of receipt is used for calculation purposes. Samples for L1216304 were received on 28-SEP-12 12:07.

ALS recommended hold times may vary by province. They are assigned to meet known provincial and/or federal government requirements. In the absence of regulatory hold times, ALS establishes recommendations based on guidelines published by the US EPA, APHA Standard Methods, or Environment Canada (where available). For more information, please contact ALS.

The ALS Quality Control Report is provided to ALS clients upon request. ALS includes comprehensive QC checks with every analysis to ensure our high standards of quality are met. Each QC result has a known or expected target value, which is compared against pre-determined data quality objectives to provide confidence in the accuracy of associated test results.

Please note that this report may contain QC results from anonymous Sample Duplicates and Matrix Spikes that do not originate from this Work Order.

ESG Request for Analysis at ALS

Request # 12-191
 Project FOX-2-mon-DLCU
 Date 11-Sep-12
 Author Kathryn Eagles
 Due Date 10-Oct-12

Summary Note: The analysis and report for each batch of samples (20 or less) must include at least one MB, one DUP and one LCS.

For Inorganic water analysis: Cu (<0.005 mg/L), Ni (<0.01 mg/L), Co (<0.005 mg/L), Cd (<0.001 mg/L), Pb (<0.01 mg/L), Zn (<0.005 mg/L), Cr (<0.005 mg/L), As (<0.05 mg/L)

Detection Limit

For Mercury water analysis: <0.001 mg/L

For Total PCBs water analysis: <0.003 mg/L

For CCME F1 (no BTEX or PAH) water analysis: F1 (0.50 mg/L)

For CCME F2-F4 (no BTEX or PAH) water analysis: F2 (<0.50 mg/L) F3 (<1.0 mg/L) F4 (<1.0 mg/L)

For Total PCBs soil analysis: <0.05 ppm

For Inorganic soil analysis: Cu (<3.0 ppm), Ni (<5.0 ppm), Co (<5.0 ppm), Cd (<1.0 ppm), Pb (<10 ppm), Zn (<15 ppm), Cr (<20 ppm), As (<0.2 ppm), Hg (<0.10 ppm)

For CCME F1-F4 (no BTEX or PAH) soil analysis: F1 (<10 ppm) F2 (<4.0 ppm), F3 (<9.0 ppm), F4 (<8.0 ppm)

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TN	Analysis	Matrix	
15130	Inorganics	Water	1
15130	Mercury	Water	
15130	Total PCBs	Water	
15130	CCME F2-F4 (no BTEX or PAH)	Water	
15130	CCME F1	Water	2
15131	Inorganics	Water	
15131	Mercury	Water	
15131	Total PCBs	Water	
15131	CCME F2-F4 (no BTEX or PAH)	Water	3
15131	CCME F1	Water	
15132	Inorganics	Water	
15132	Mercury	Water	
15132	Total PCBs	Water	4
15132	CCME F2-F4 (no BTEX or PAH)	Water	
15132	CCME F1	Water	
15133	Inorganics	Water	
15133	Mercury	Water	5
15133	Total PCBs	Water	
15133	CCME F2-F4 (no BTEX or PAH)	Water	
15133	CCME F1	Water	
15134	Inorganics	Water	6
15134	Mercury	Water	
15134	Total PCBs	Water	
15134	CCME F2-F4 (no BTEX or PAH)	Water	
15134	CCME F1	Water	7
15135	Inorganics	Water	
15135	Mercury	Water	
15135	Total PCBs	Water	
15135	CCME F2-F4 (no BTEX or PAH)	Water	8
15135	CCME F1	Water	
15136	Inorganics	Water	
15136	Mercury	Water	
15136	Total PCBs	Water	9
15136	CCME F2-F4 (no BTEX or PAH)	Water	
15136	CCME F1	Water	
15137	Inorganics	Water	
15137	Mercury	Water	10
15137	Total PCBs	Water	
15137	CCME F2-F4 (no BTEX or PAH)	Water	
15137	CCME F1	Water	
15138	Inorganics	Water	11
15138	Mercury	Water	
15138	Total PCBs	Water	
15138	CCME F2-F4 (no BTEX or PAH)	Water	
15138	CCME F1	Water	12
15139	Inorganics	Water	
15139	Mercury	Water	
15139	Total PCBs	Water	
15139	CCME F2-F4 (no BTEX or PAH)	Water	
15139	CCME F1	Water	13
15140	Inorganics	Water	
15140	Mercury	Water	
15140	Total PCBs	Water	
15140	CCME F2-F4 (no BTEX or PAH)	Water	
15140	CCME F1	Water	14
19400A	Total PCBs	Soil	
19400	Inorganics	Soil	15

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19401	CCME F1-F4 (no BTEX or PAH)	Soil	14
19402	Total PCBs	Soil	15
19402	Inorganics	Soil	16
19403	CCME F1-F4 (no BTEX or PAH)	Soil	17
19404	Total PCBs	Soil	18
19404	Inorganics	Soil	19
19405	CCME F1-F4 (no BTEX or PAH)	Soil	20
19406	Total PCBs	Soil	21
19406	Inorganics	Soil	22
19407	CCME F1-F4 (no BTEX or PAH)	Soil	23
19408	Total PCBs	Soil	24
19408	Inorganics	Soil	25
19409	CCME F1-F4 (no BTEX or PAH)	Soil	26
19410A	Total PCBs	Soil	27
19410B	Total PCBs	Soil	28
19410	Inorganics	Soil	29
19410C	CCME F1-F4 (no BTEX or PAH)	Soil	30
19411	CCME F1-F4 (no BTEX or PAH)	Soil	31
19411	Inorganics	Soil	32
19412	Total PCBs	Soil	33
19412	Inorganics	Soil	34
19413	CCME F1-F4 (no BTEX or PAH)	Soil	35
19414	Total PCBs	Soil	36
19414	Inorganics	Soil	37
19415	CCME F1-F4 (no BTEX or PAH)	Soil	38
19416	Total PCBs	Soil	39
19416	Inorganics	Soil	40
19417	CCME F1-F4 (no BTEX or PAH)	Soil	41
19418	Total PCBs	Soil	42
19418	Inorganics	Soil	43
19419	CCME F1-F4 (no BTEX or PAH)	Soil	44
19420A	Total PCBs	Soil	45
19420	Inorganics	Soil	46
19421	CCME F1-F4 (no BTEX or PAH)	Soil	47
19422	Total PCBs	Soil	48
19422	Inorganics	Soil	49
19423	CCME F1-F4 (no BTEX or PAH)	Soil	50
19424	Total PCBs	Soil	51
19424	Inorganics	Soil	52
19425	CCME F1-F4 (no BTEX or PAH)	Soil	53
19426	Total PCBs	Soil	54
19426	Inorganics	Soil	55
19427	CCME F1-F4 (no BTEX or PAH)	Soil	56
19428	Total PCBs	Soil	57
19428	Inorganics	Soil	58
19429	CCME F1-F4 (no BTEX or PAH)	Soil	59
19430A	Total PCBs	Soil	60
19430B	Total PCBs	Soil	61
19430	Inorganics	Soil	62
19430C	CCME F1-F4 (no BTEX or PAH)	Soil	63
19431	CCME F1-F4 (no BTEX or PAH)	Soil	64
19431	Inorganics	Soil	65
19432	Total PCBs	Soil	66
19432	Inorganics	Soil	67
19433	CCME F1-F4 (no BTEX or PAH)	Soil	68
19434	Total PCBs	Soil	69
19434	Inorganics	Soil	70
19435	CCME F1-F4 (no BTEX or PAH)	Soil	71
19436	Total PCBs	Soil	72
19436	Inorganics	Soil	73
19437	CCME F1-F4 (no BTEX or PAH)	Soil	74
19438	Total PCBs	Soil	75
19438	Inorganics	Soil	76
19439	CCME F1-F4 (no BTEX or PAH)	Soil	77
19440A	Total PCBs	Soil	78
19440	Inorganics	Soil	79
19441	CCME F1-F4 (no BTEX or PAH)	Soil	80
19442	Total PCBs	Soil	81
19442	Inorganics	Soil	82
19443	CCME F1-F4 (no BTEX or PAH)	Soil	83
19444	Total PCBs	Soil	84
19444	Inorganics	Soil	85
19445	CCME F1-F4 (no BTEX or PAH)	Soil	86
19446	Total PCBs	Soil	87
19446	Inorganics	Soil	88
19447	CCME F1-F4 (no BTEX or PAH)	Soil	89
19448	Total PCBs	Soil	90
19448	Inorganics	Soil	91
19449	CCME F1-F4 (no BTEX or PAH)	Soil	92
19450A	Total PCBs	Soil	93
19450B	Total PCBs	Soil	94
19450	Inorganics	Soil	95



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19450C	CCME F1-F4 (no BTEX or PAH)	Soil	74
19451	CCME F1-F4 (no BTEX or PAH)	Soil	75
19451	Inorganics	Soil	
19452	Total PCBs	Soil	76
19452	Inorganics	Soil	
19453	CCME F1-F4 (no BTEX or PAH)	Soil	77
19454	Total PCBs	Soil	76
19454	Inorganics	Soil	
19455	CCME F1-F4 (no BTEX or PAH)	Soil	75
19456	Total PCBs	Soil	78
19456	Inorganics	Soil	
19457	CCME F1-F4 (no BTEX or PAH)	Soil	81
19458	Total PCBs	Soil	82
19458	Inorganics	Soil	
19459	CCME F1-F4 (no BTEX or PAH)	Soil	83
19460A	Total PCBs	Soil	84
19460	Inorganics	Soil	85
19461	CCME F1-F4 (no BTEX or PAH)	Soil	86
19462	Total PCBs	Soil	87
19462	Inorganics	Soil	
19463	CCME F1-F4 (no BTEX or PAH)	Soil	88
19464	Total PCBs	Soil	89
19464	Inorganics	Soil	
19465	CCME F1-F4 (no BTEX or PAH)	Soil	90
19466	Total PCBs	Soil	91
19466	Inorganics	Soil	
19467	CCME F1-F4 (no BTEX or PAH)	Soil	92
19468	Total PCBs	Soil	93
19468	Inorganics	Soil	
19469	CCME F1-F4 (no BTEX or PAH)	Soil	94
19470A	Total PCBs	Soil	95
19470B	Total PCBs	Soil	96
19470	Inorganics	Soil	97
19470C	CCME F1-F4 (no BTEX or PAH)	Soil	98
19471	CCME F1-F4 (no BTEX or PAH)	Soil	99
19471	Inorganics	Soil	
19472	Total PCBs	Soil	100
19472	Inorganics	Soil	
19473	CCME F1-F4 (no BTEX or PAH)	Soil	101
19474	Total PCBs	Soil	102
19474	Inorganics	Soil	
19475	CCME F1-F4 (no BTEX or PAH)	Soil	103
19476	Total PCBs	Soil	104
19476	Inorganics	Soil	
19477	CCME F1-F4 (no BTEX or PAH)	Soil	105
19478	Total PCBs	Soil	106
19478	Inorganics	Soil	
19479	CCME F1-F4 (no BTEX or PAH)	Soil	107
19480A	Total PCBs	Soil	108
19480	Inorganics	Soil	109
19481	CCME F1-F4 (no BTEX or PAH)	Soil	110
19482	Total PCBs	Soil	111
19482	Inorganics	Soil	
19483	CCME F1-F4 (no BTEX or PAH)	Soil	112



L1216304-COFC