



Fremont
Analytical

2930 Westlake Ave N Suite 100
Seattle, WA 98109
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

SLR

Attn: Scott Miller

1800 Blankenship Rd., Suite 440
West Linn, WA 97068

RE: Baywood

Fremont Project No: CHM101208-10

SLR Project No: 108.00339.00001

December 14th, 2010

Scott:

Enclosed are the analytical results for the **Baywood** water sample (Sample ID: PB-3D) submitted to Fremont Analytical on December 8th, 2010

Sample Receipt: The sample was received in good condition – in the proper containers, properly sealed, labeled and within holding time. The sample was contained in 1 - 1L Amber and 2 – 250mL HDPE bottles preserved with HNO₃. The sample was received in a cooler with gel ice, with a cooler temperature of 5.5°C, which is within the laboratory recommended cooler temperature range (<4°C - 10°C). The sample was stored in a refrigeration unit at the USEPA-recommended temperature of 4°C ± 2°C. There were no sample receipt issues to report.

Sample Analysis: Examination of the sample was conducted for the presence of the following:

- ***Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)***
- ***Total Metals EPA Method 200.8***
- ***Dissolved Metals by EPA Method 200.8***

These applications were performed under Washington State Department of Ecology accreditation parameters. All appropriate Quality Assurance / Quality Control method parameters have been applied.

Laboratory Notations (SW6020 – Total Metals Matrix): The *relative percent difference (RPD%)* between the sample and the sample duplicate was outside of the laboratory recommended limit for *Selenium* (38%, limit = 30%). All other RPD% were within range. The *Selenium Laboratory Control Sample (LCS)* and *Matrix Spike (MS) and MS Duplicate (MSD)* recoveries were within range.

Please contact the laboratory if you should have any questions about the results,

Thank you for using Fremont Analytical!

Sincerely,

Michael Dee
Sr. Chemist / Principal

mikedee@fremontanalytical.com

www.fremontanalytical.com

Analysis of Polyaromatic Hydrocarbons in Water by EPA Method 8270

Project: Baywood
Client: SLR
Client Project #: 108.00339.00001
Lab Project #: CHM101208-10

EPA 8270 (SIM) (µg/L)	MRL	Method Blank	LCS	Duplicate		MS
				PB-3D	PB-3D	RPD %
Date Extracted		12/10/10	12/10/10	12/10/10	12/10/10	12/10/10
Date Analyzed		12/10/10	12/10/10	12/10/10	12/10/10	12/10/10
Matrix				Water	Water	Water
Naphthalene	0.05	nd		0.07	0.08	13%
1-Methylnaphthalene	0.05	nd		0.05	0.06	7%
2-Methylnaphthalene	0.05	nd		nd	nd	
Acenaphthene	0.05	nd	97.0%	0.05	0.06	7%
Acenaphthylene	0.05	nd		nd	nd	
Fluorene	0.05	nd		nd	nd	
Phenanthrene	0.05	nd		0.05	0.05	0.3%
Anthracene	0.05	nd		nd	nd	
Fluoranthene	0.05	nd		nd	nd	
Pyrene	0.05	nd	104%	nd	nd	108%
Benzo(a)anthracene	0.05	nd		nd	nd	
Chrysene	0.05	nd		nd	nd	
Benzo(b)fluoranthene	0.05	nd		nd	nd	
Benzo(k)fluoranthene	0.05	nd		nd	nd	
Benzo(a)pyrene	0.05	nd		nd	nd	
Indeno(1,2,3-cd)pyrene	0.05	nd		nd	nd	
Dibenzo(a,h)anthracene	0.05	nd		nd	nd	
Benzo(g,h,i)perylene	0.05	nd		nd	nd	
<i>Total PAH Carcinogens</i>				0.0	0.0	

Total PAH Carcinogens Defined as:

Benzo(a)anthracene, Chrysene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene & Dibenzo(a,h)anthracene

Surrogate Recovery

(Surr 1) 2-Fluorobiphenyl	89%	95%	109%	115%	119%
(Surr 2) p-Terphenyl	89%	95%	95%	97%	101%

"nd" Indicates not detected at listed reporting limits
 "int" Indicates that interference prevents determination
 "J" Indicates estimated value
 "MRL" Indicates Method Reporting Limit
 "LCS" Indicates Laboratory Control Sample
 "MS" Indicates Matrix Spike
 "MSD" Indicates Matrix Spike Duplicate
 "RPD" Indicates Relative Percent Difference

Acceptable RPD is determined to be less than 30%

Acceptable Recovery Limits:

Surrogates = 65% to 135%
 LCS, LCSD, MS, MSD = 50% to 150%
 Surrogate Concentration = 4.0 µg/L
 Spike Concentration = 8.0 µg/L

Analysis of Total Metals in Water by EPA Method 200.8

Project: Baywood
Client: SLR
Client Project #: 108.00339.00001
Lab Project #: CHM101208-10

EPA 200.8 (µg/L)	MRL	Method Blank	LCS	PB-3D	Duplicate		MS	MSD	RPD %
					PB-3D	PB-3D	101208-7-1	101208-7-1	
Date Extracted		12/13/10	12/13/10	12/13/10	12/13/10	12/13/10	12/13/10	12/13/10	
Date Analyzed		12/13/10	12/13/10	12/13/10	12/13/10	12/13/10	12/13/10	12/13/10	
Matrix				Water	Water		Water	Water	
Arsenic (As)	1.0	nd	89.2%	3.90	4.15	6%	103%	103%	0%
Copper (Cu)	0.50	nd	91.8%	26.6	26.5	0.2%	115%	116%	1%
Nickel (Ni)	0.50	nd	88.9%	24.1	25.9	7%	112%	109%	3%
Lead (Pb)	1.0	nd	88.2%	5.00	5.65	12%	113%	115%	2%
Selenium (Se)	1.0	nd	94.0%	8.15	5.55	38%	86.9%	88.3%	2%
Silver (Ag)	0.20	nd	100%	nd	nd		128%	124%	3%

"nd" Indicates no detection at the listed reporting limits

"int" Indicates that interference prevents determination

"J" Indicates estimated value

"MRL" Indicates Method Reporting Limit

"LCS" Indicates Laboratory Control Sample

"MS" Indicates Matrix Spike

"MSD" Indicates Matrix Spike Duplicate

"RPD" Indicates Relative Percent Difference

Acceptable RPD is determined to be less than 30%

Acceptable Recovery Limits:

LCS: 85% to 115%

MS/MSD: 70% to 130%

Spike Concentrations:

As, Cu, Ni = 100 µg/L

Pb = 50 µg/L

Se = 25 µg/L

Ag = 10 µg/L

Analysis of Dissolved Metals by EPA Method 200.8

Project: Baywood
Client: SLR
Client Project #: 108.00339.00001
Lab Project #: CHM101208-10

EPA 200.8 (µg/L)	MRL	Method Blank	LCS	PB-3D	Duplicate		MS	MSD	RPD %
					PB-3D	RPD %	101208-7-1	101208-7-1	
Date Extracted		12/13/10	12/13/10	12/13/10	12/13/10		12/13/10	12/13/10	
Date Analyzed		12/13/10	12/13/10	12/13/10	12/13/10		12/13/10	12/13/10	
Matrix				Water	Water		Water	Water	
Arsenic (As)	1.0	nd	95.9%	nd	nd		82.9%	99.1%	18%
Copper (Cu)	0.50	nd	102%	6.55	5.55	17%	85.3%	86.8%	2%
Nickel (Ni)	0.50	nd	99.4%	7.80	8.45	8%	85.9%	91.5%	6%
Lead (Pb)	1.0	nd	104%	nd	nd		99.2%	94.8%	5%
Selenium (Se)	1.0	nd	102%	nd	nd		90.8%	88.6%	2%
Silver (Ag)	0.20	nd	117%	nd	nd		101%	99.4%	1%

"nd" Indicates no detection at the listed reporting limits

"int" Indicates that interference prevents determination

"J" Indicates estimated value

"MRL" Indicates Method Reporting Limit

"LCS" Indicates Laboratory Control Sample

"MS" Indicates Matrix Spike

"MSD" Indicates Matrix Spike Duplicate

"RPD" Indicates Relative Percent Difference

Acceptable RPD is determined to be less than 30%

Acceptable Recovery Limits:

LCS: 85% to 115%

MS/MSD: 70% to 130%

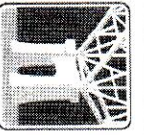
Spike Concentrations:

As, Cu, Ni = 100 µg/L

Pb = 50 µg/L

Se = 25 µg/L

Ag = 10 µg/L



Fremont

Chain of Custody Record

2930 Westlake Ave. N. Suite 100
Seattle, WA 98109

Tel: 206-352-3790
Fax: 206-352-7178

Date: Dec 7 2010

Page: 1 of 1

Laboratory Project No (Internal): CHM101208-10

Client:

SLR

Project Name:

Bay Woods

Address:

1900 Blankenship Rd

Location:

Everett

City, State, Zip

West Linn, WA 97208

Tel: (503) 732-4423

Collected by:

Aislin Muth

Reports To (PM): Scott Miller

Fax:

Email: smiller@fremont.com

Project No: 108.00339.00001

Sample Name	Time	Sample Type (Matrix)	Container Type	Date of Collection	VOA 8260	VOA 8021B BTEX	NWTPH-Gx	NWTPH-HCID	NWTPH-Dx/Dx Ext.	SEMI VOL 8270C	PAH 8270	PCBs 8082	CI PESTICIDES 8081	CI HERBICIDES 8151A	Metals* Total (T) Dissolved (D)	Anions (IC)**	Comments/Depth		
1 PB-3D	1355	W	#8C 203								X				T D				
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			

*Metals per email
From S.M. 12/10/10

*Metals Analysis (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL Individual: Ag Al As Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti U V Zn

**Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

*Center for Sample Analysis

Relinquished	Date/Time	Received	Date/Time
x ASM SILV	12/7/10 04:15	x GILKIN (-)	12/10/10 14:45
Relinquished	Date/Time	Received	Date/Time
x ASM SILV	12/8/2010	x GILKIN (-)	12/10/2010

Sample Receipt:

Good?

Cooler Temperature: 5.5

Seals Intact?

Total Number of Containers: 2

TAT --> 24HR 48HR Standard

L404399

SLR International Corp. -
West Linn, OR

SLRWLOR-BAYWOOD

Billing Information:
SLR International Corp.
Accounts Payable
1800 Blankenship Rd, Ste 440
West Linn, OR 97068

Report to: Chris Kramer

Email to: ckramer@slrcorp.com, smiller@slrcorp.com

Analysis/Container/Preservative

Chain of Custody
Page 1 of 1

ESC
L.A.B S.C.I.E.N.C.E.S
12065 Lebanon Road
Mt. Juliet, TN 37122

Phone: (800) 767-5859
Phone: (615) 758-5858
Fax: (615) 758-5859

Project Description: Bay Wood Project - Everett, WA
City/State Collected: Everett, WA
Phone: 503-723-4423
FAX: 503-723-4436
Client Project #: 008.0339.00001
ESC Key: SLRWLOR-BAYWOOD
Collected by: C. Kramer
Site/Facility ID#: P.O.#:

Priority Pollutant Metals = M6010PP
PAHs = SV8270PAHSIM
VOCs Full List = GW-V8260, SS-V8260LL
PCBs = SV8082
SVOCs Full List = SV8270PCP
Dioxins/Furans - HOLD
Dx/PCP

CoCode SLRWLOR (tab use only)
Template/Prelogin
Shipped Via: B096

Collected by (signature): *[Signature]*
Rush? (Lab MUST Be Notified)
Same Day 200%
Next Day 100%
Two Day 50%
Three Day 25%
Date Results Needed:
Email? ___No___Yes
FAX? ___No___Yes
Immediately Packed on Ice N (Y)

Sample ID	Comp/Grab	Matrix*	Depth #	Date	Time	JE	HCID	Priority Pollutant Metals = M6010PP	PAHs = SV8270PAHSIM	VOCs Full List = GW-V8260, SS-V8260LL	PCBs = SV8082	SVOCs Full List = SV8270PCP	Dioxins/Furans - HOLD	Remarks/Contaminant	Sample # (tab only)
PB-3A-9		SS	9	5/20/09	1045	6	X	X	X	X				HOLD	01
PB-3A-GW		GW	-		1100	112	X	H	X	X					L403723
PB-3B-10.5		SS	10.5			6	X	X	X	X					02
PB-3B-GW		GW	-			11	X	H	X	X					
GP-302-1		SS	1			2							H	X	HOLD
GP-302-3.5		SS	3.5			2							H	X	
GP-302-GW		GW	-			2							H		
GP-307-4		SS	4		1510	6	X							HOLD	
GP-307-GW		GW	-		1515	11	X							HOLD	

WWS
KIS
WWS
KIS
KIS

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other
Remarks: X = Run H = Hold for possible follow-up
TOTAL and Dissolved Lab filtration for GW metals
Temp _____ Flow _____ Other _____

Relinquished by: (Signature) <i>[Signature]</i>	Date: 5/20/09	Time: 1500	Received by: (Signature)	Samples returned via: <input type="checkbox"/> UPS <input checked="" type="checkbox"/> FedEx <input type="checkbox"/> Courier <input type="checkbox"/>	Condition: (lab use only)
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 35°	Bottles Received: 35
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) <i>[Signature]</i>	Date: 5-21-09	Time: 09:00
				pH Checked:	NC:

4632 6262 8642
9632 6262 8620 Relogged from L403723

Jonah Huckabay

L404 399

From: Jarred Willis
Sent: Tuesday, May 26, 2009 4:26 PM
To: Login; Subouts
Cc: Melvin L. Mitchell; Janice Cozby
Subject: L403723-01 and -03 - Log for Dioxins and Furans by method 1613B and send to Maxxam

Attachments: Picture (Metafile)

Please log L403723-01 and -03 for Dioxins and Furans by method 1613B, and send the 8 oz containers (originally on hold) to Maxxam analytical.

Login:
Please log under MISC-SUB and add the comment "MISC-SUB = Dioxins and Furans by method 1613B".

Thanks,

Jarred Willis

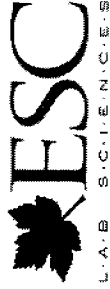
Technical Service Representative (TSR)

E-mail: jwillis@esclabsciences.com

Phone: 800-767-5859 Ext. 9678

Direct: (615) 773-9678

www.esclabsciences.com



Your P.O. #: S11863



Your Project #: L404399
Your C.O.C. #: NA

Attention: Janice Cozby
Environmental Science Corp
TN
12065 Lebanon Rd
Mt Juliet, TN
USA TN 37122

Report Date: 2009/07/08

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: A962867
Received: 2009/05/28, 11:58


Sample Matrix: SOLID
Samples Received: 2

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Method Reference
Dioxins/Furans in Soil (1613B) (1)	1	2009/06/19	2009/06/26	BRL SOP-00410	EPA 1613B mod.
Dioxins/Furans in Soil (1613B) (1)	1	2009/07/06	2009/07/06	BRL SOP-00410	EPA 1613B mod.
MOISTURE	2	N/A	2009/06/01	CAM SOP-00445	McKeague 2nd ed 1978

(1) Soils are reported on a dry weight basis unless otherwise specified.

Confirmatory runs for 2,3,7,8-TCDF are performed only if the primary result is greater than the RDL.

Encryption Key

 Ancy Sebastian
08 Jul 2009 17:05:28 -04:00

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

ANCY SEBASTIAN, C.Tech., Senior Project Manager, Air Toxics
Email: Ancy.Sebastian@MaxxamAnalytics.com
Phone# (905) 817-5831

=====
Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. SCC and CALA have approved this reporting process and electronic report format.

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Total cover pages: 1

Maxxam Job #: A962867
 Report Date: 2009/07/08

Environmental Science Corp
 Client Project #: L404399

Your P.O. #: S11863

PB-3A-9

PB-3B-10.5

RESULTS OF ANALYSES OF SOLID

Maxxam ID		CP5524	CP5524	CP5525			
Sampling Date		2009/05/20 10:45	2009/05/20 10:45	2009/05/20			
COC Number		NA	NA	NA			
	Units	L404399-01	L404399-01 Lab-Dup	L404399-02	DL	QC Batch	MDL

Moisture	%	14	14	19	0.2	1832936	0.2
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RDL = Reportable Detection Limit
 QC Batch = Quality Control Batch

Maxxam Job #: A962867
 Report Date: 2009/07/08

 Environmental Science Corp
 Client Project #: L404399

Your P.O. #: S11863

PB-3A-9
DIOXINS AND FURANS BY HRMS (SOLID)

Maxxam ID		CP5524						
Sampling Date		2009/05/20 10:45						
COC Number		NA		TOXIC EQUIVALENCY		# of		
	Units	L404399-01	EDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch	RDL

2,3,7,8-Tetra CDD *	pg/g	<0.163	0.163	1.00	0.163	N/A	1852547	2.00
1,2,3,7,8-Penta CDD	pg/g	<0.147	0.147	1.00	0.147	N/A	1852547	10.0
1,2,3,4,7,8-Hexa CDD	pg/g	<0.150	0.150	0.100	0.0150	N/A	1852547	10.0
1,2,3,6,7,8-Hexa CDD	pg/g	<0.160	0.160	0.100	0.0160	N/A	1852547	10.0
1,2,3,7,8,9-Hexa CDD	pg/g	<0.155	0.155	0.100	0.0155	N/A	1852547	10.0
1,2,3,4,6,7,8-Hepta CDD	pg/g	1.83	0.140	0.0100	0.0183	N/A	1852547	10.0
Octa CDD	pg/g	15.8	0.316	0.000300	0.00474	N/A	1852547	20.0
Total Tetra CDD	pg/g	<0.163	0.163	N/A	N/A	N/A	1852547	N/A
Total Penta CDD	pg/g	<0.147	0.147	N/A	N/A	N/A	1852547	N/A
Total Hexa CDD	pg/g	0.191	0.157	N/A	N/A	N/A	1852547	N/A
Total Hepta CDD	pg/g	2.97	0.140	N/A	N/A	N/A	1852547	N/A
2,3,7,8-Tetra CDF **	pg/g	1.08	0.175	0.100	0.108	N/A	1852547	2.00
1,2,3,7,8-Penta CDF	pg/g	0.198	0.158	0.0300	0.00594	N/A	1852547	10.0
2,3,4,7,8-Penta CDF	pg/g	0.406	0.151	0.300	0.122	N/A	1852547	10.0
1,2,3,4,7,8-Hexa CDF	pg/g	0.343	0.149	0.100	0.0343	N/A	1852547	10.0
1,2,3,6,7,8-Hexa CDF	pg/g	0.184	0.161	0.100	0.0184	N/A	1852547	10.0
2,3,4,6,7,8-Hexa CDF	pg/g	<0.152	0.152	0.100	0.0152	N/A	1852547	10.0
1,2,3,7,8,9-Hexa CDF	pg/g	<0.153	0.153	0.100	0.0153	N/A	1852547	10.0
1,2,3,4,6,7,8-Hepta CDF	pg/g	<0.654 (1)	0.654	0.0100	0.00654	N/A	1852547	10.0
1,2,3,4,7,8,9-Hepta CDF	pg/g	<0.257	0.257	0.0100	0.00257	N/A	1852547	10.0
Octa CDF	pg/g	1.26	0.381	0.000300	0.000378	N/A	1852547	20.0
Total Tetra CDF	pg/g	3.44	0.175	N/A	N/A	N/A	1852547	N/A
Total Penta CDF	pg/g	1.59	0.154	N/A	N/A	N/A	1852547	N/A
Total Hexa CDF	pg/g	0.952	0.154	N/A	N/A	N/A	1852547	N/A
Total Hepta CDF	pg/g	0.881	0.242	N/A	N/A	N/A	1852547	N/A
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	0.708	N/A	N/A	N/A

N/A = Not Applicable

RDL = Reportable Detection Limit

EDL = Estimated Detection Limit

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin, ** CDF = Chloro Dibenzo-p-Furan

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

EDL = Estimated Detection Limit

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

Maxxam Job #: A962867
 Report Date: 2009/07/08

Environmental Science Corp
 Client Project #: L404399

Your P.O. #: S11863

DIOXINS AND FURANS BY HRMS (SOLID)

Maxxam ID		CP5524						
Sampling Date		2009/05/20 10:45						
COC Number		NA		TOXIC EQUIVALENCY		# of		
	Units	L404399-01	EDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch	RDL

Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	60	N/A	N/A	N/A	N/A	1852547	N/A
C13-1234678 HeptaCDD	%	91	N/A	N/A	N/A	N/A	1852547	N/A
C13-1234678 HeptaCDF **	%	87	N/A	N/A	N/A	N/A	1852547	N/A
C13-123478 HexaCDD	%	84	N/A	N/A	N/A	N/A	1852547	N/A
C13-123478 HexaCDF	%	88	N/A	N/A	N/A	N/A	1852547	N/A
C13-1234789 HeptaCDF	%	84	N/A	N/A	N/A	N/A	1852547	N/A
C13-123678 HexaCDD	%	94	N/A	N/A	N/A	N/A	1852547	N/A
C13-123678 HexaCDF	%	87	N/A	N/A	N/A	N/A	1852547	N/A
C13-12378 PentaCDD	%	104	N/A	N/A	N/A	N/A	1852547	N/A
C13-12378 PentaCDF	%	80	N/A	N/A	N/A	N/A	1852547	N/A
C13-123789 HexaCDF	%	83	N/A	N/A	N/A	N/A	1852547	N/A
C13-234678 HexaCDF	%	84	N/A	N/A	N/A	N/A	1852547	N/A
C13-23478 PentaCDF	%	86	N/A	N/A	N/A	N/A	1852547	N/A
C13-2378 TetraCDD	%	63	N/A	N/A	N/A	N/A	1852547	N/A
C13-2378 TetraCDF	%	69	N/A	N/A	N/A	N/A	1852547	N/A
C13-OCDD	%	96	N/A	N/A	N/A	N/A	1852547	N/A

N/A = Not Applicable
 RDL = Reportable Detection Limit
 QC Batch = Quality Control Batch
 * CDD = Chloro Dibenzo-p-Dioxin, ** CDF = Chloro Dibenzo-p-Furan
 TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
 The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
 EDL = Estimated Detection Limit
 WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

Maxxam Job #: A962867
 Report Date: 2009/07/08

 Environmental Science Corp
 Client Project #: L404399

Your P.O. #: S11863

PB-3B-10.5
DIOXINS AND FURANS BY HRMS (SOLID)

Maxxam ID		CP5525						
Sampling Date		2009/05/20						
COC Number		NA		TOXIC EQUIVALENCY		# of		
	Units	L404399-02	EDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch	RDL
2,3,7,8-Tetra CDD *	pg/g	<0.127	0.127	1.00	0.127	N/A	1861839	2.00
1,2,3,7,8-Penta CDD	pg/g	0.335	0.115	1.00	0.335	N/A	1861839	10.0
1,2,3,4,7,8-Hexa CDD	pg/g	1.40	0.121	0.100	0.140	N/A	1861839	10.0
1,2,3,6,7,8-Hexa CDD	pg/g	13.4	0.128	0.100	1.34	N/A	1861839	10.0
1,2,3,7,8,9-Hexa CDD	pg/g	7.45	0.125	0.100	0.745	N/A	1861839	10.0
1,2,3,4,6,7,8-Hepta CDD	pg/g	599	0.125	0.0100	5.99	N/A	1861839	10.0
Octa CDD	pg/g	3000	0.200	0.000300	0.900	N/A	1861839	20.0
Total Tetra CDD	pg/g	1.55	0.127	N/A	N/A	N/A	1861839	N/A
Total Penta CDD	pg/g	6.06	0.115	N/A	N/A	N/A	1861839	N/A
Total Hexa CDD	pg/g	142	0.126	N/A	N/A	N/A	1861839	N/A
Total Hepta CDD	pg/g	1170	0.125	N/A	N/A	N/A	1861839	N/A
2,3,7,8-Tetra CDF **	pg/g	0.275	0.109	0.100	0.0275	N/A	1861839	2.00
1,2,3,7,8-Penta CDF	pg/g	0.205	0.131	0.0300	0.00615	N/A	1861839	10.0
2,3,4,7,8-Penta CDF	pg/g	0.258	0.124	0.300	0.0774	N/A	1861839	10.0
1,2,3,4,7,8-Hexa CDF	pg/g	0.800	0.102	0.100	0.0800	N/A	1861839	10.0
1,2,3,6,7,8-Hexa CDF	pg/g	0.649	0.110	0.100	0.0649	N/A	1861839	10.0
2,3,4,6,7,8-Hexa CDF	pg/g	0.502	0.104	0.100	0.0502	N/A	1861839	10.0
1,2,3,7,8,9-Hexa CDF	pg/g	0.121	0.105	0.100	0.0121	N/A	1861839	10.0
1,2,3,4,6,7,8-Hepta CDF	pg/g	17.0	0.120	0.0100	0.170	N/A	1861839	10.0
1,2,3,4,7,8,9-Hepta CDF	pg/g	0.677	0.135	0.0100	0.00677	N/A	1861839	10.0
Octa CDF	pg/g	15.5	0.208	0.000300	0.00465	N/A	1861839	20.0
Total Tetra CDF	pg/g	1.11	0.109	N/A	N/A	N/A	1861839	N/A
Total Penta CDF	pg/g	5.19	0.127	N/A	N/A	N/A	1861839	N/A
Total Hexa CDF	pg/g	25.0	0.105	N/A	N/A	N/A	1861839	N/A
Total Hepta CDF	pg/g	47.3	0.127	N/A	N/A	N/A	1861839	N/A
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	10.1	N/A	N/A	N/A
Surrogate Recovery (%)								
37CL4 2378 Tetra CDD	%	83	N/A	N/A	N/A	N/A	1861839	N/A

N/A = Not Applicable
 RDL = Reportable Detection Limit
 EDL = Estimated Detection Limit
 QC Batch = Quality Control Batch
 * CDD = Chloro Dibenzo-p-Dioxin, ** CDF = Chloro Dibenzo-p-Furan
 TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
 The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
 EDL = Estimated Detection Limit
 WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

Maxxam Job #: A962867
 Report Date: 2009/07/08

Environmental Science Corp
 Client Project #: L404399

Your P.O. #: S11863

DIOXINS AND FURANS BY HRMS (SOLID)

Maxxam ID		CP5525						
Sampling Date		2009/05/20						
COC Number		NA		TOXIC EQUIVALENCY		# of		
	Units	L404399-02	EDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch	RDL
C13-1234678 HeptaCDD *	%	100	N/A	N/A	N/A	N/A	1861839	N/A
C13-1234678 HeptaCDF **	%	102	N/A	N/A	N/A	N/A	1861839	N/A
C13-123478 HexaCDD	%	96	N/A	N/A	N/A	N/A	1861839	N/A
C13-123478 HexaCDF	%	101	N/A	N/A	N/A	N/A	1861839	N/A
C13-1234789 HeptaCDF	%	98	N/A	N/A	N/A	N/A	1861839	N/A
C13-123678 HexaCDD	%	103	N/A	N/A	N/A	N/A	1861839	N/A
C13-123678 HexaCDF	%	100	N/A	N/A	N/A	N/A	1861839	N/A
C13-12378 PentaCDD	%	113	N/A	N/A	N/A	N/A	1861839	N/A
C13-12378 PentaCDF	%	85	N/A	N/A	N/A	N/A	1861839	N/A
C13-123789 HexaCDF	%	94	N/A	N/A	N/A	N/A	1861839	N/A
C13-234678 HexaCDF	%	95	N/A	N/A	N/A	N/A	1861839	N/A
C13-23478 PentaCDF	%	91	N/A	N/A	N/A	N/A	1861839	N/A
C13-2378 TetraCDD	%	90	N/A	N/A	N/A	N/A	1861839	N/A
C13-2378 TetraCDF	%	79	N/A	N/A	N/A	N/A	1861839	N/A
C13-OCDD	%	107	N/A	N/A	N/A	N/A	1861839	N/A

N/A = Not Applicable
 RDL = Reportable Detection Limit
 QC Batch = Quality Control Batch
 * CDD = Chloro Dibenzo-p-Dioxin, ** CDF = Chloro Dibenzo-p-Furan
 TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
 The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
 EDL = Estimated Detection Limit
 WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

Maxxam Job #: A962867
 Report Date: 2009/07/08

Environmental Science Corp
 Client Project #: L404399

Your P.O. #: S11863

Test Summary

Maxxam ID CP5524 **Collected** 2009/05/20
Sample ID L404399-01 **Shipped**
Matrix SOLID **Received** 2009/05/28

Test Description	Instrumentation	Batch	Extracted	Analyzed	Analyst
Dioxins/Furans in Soil (1613B)	HRMS/MS	1852547	2009/06/19	2009/06/26	OBC
MOISTURE	BAL	1832936	N/A	2009/06/01	TMS

Maxxam ID CP5524 Dup **Collected** 2009/05/20
Sample ID L404399-01 **Shipped**
Matrix SOLID **Received** 2009/05/28

Test Description	Instrumentation	Batch	Extracted	Analyzed	Analyst
MOISTURE	BAL	1832936	N/A	2009/06/01	TMS

Maxxam ID CP5525 **Collected** 2009/05/20
Sample ID L404399-02 **Shipped**
Matrix SOLID **Received** 2009/05/28

Test Description	Instrumentation	Batch	Extracted	Analyzed	Analyst
Dioxins/Furans in Soil (1613B)	HRMS/MS	1861839	2009/07/06	2009/07/06	KKS
MOISTURE	BAL	1832936	N/A	2009/06/01	TMS

Maxxam Job #: A962867
Report Date: 2009/07/08

Environmental Science Corp
Client Project #: L404399

Your P.O. #: S11863

GENERAL COMMENTS

Temperature up on receipt was 8c

Results relate only to the items tested.

Environmental Science Corp
 Attention: Janice Cozby
 Client Project #: L404399
 P.O. #: S11863
 Project name:

Quality Assurance Report
 Maxxam Job Number: GA962867

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	%Recovery	Units	QC Limits
1832936 MYG	RPD - Sample/Sample Dup	Moisture	2009/06/01	0.7		%	50
1852547 OBC	MATRIX SPIKE	37CL4 2378 Tetra CDD	2009/06/26		29	%	35 - 197
	MATRIX SPIKE						
	DUP	37CL4 2378 Tetra CDD	2009/06/26		65	%	35 - 197
	MATRIX SPIKE	C13-1234678 HeptaCDD	2009/06/26		99	%	23 - 140
	MATRIX SPIKE						
	DUP	C13-1234678 HeptaCDD	2009/06/26		97	%	23 - 140
	MATRIX SPIKE	C13-1234678 HeptaCDF	2009/06/26		93	%	28 - 143
	MATRIX SPIKE						
	DUP	C13-1234678 HeptaCDF	2009/06/26		92	%	28 - 143
	MATRIX SPIKE	C13-123478 HexaCDD	2009/06/26		86	%	32 - 141
	MATRIX SPIKE						
	DUP	C13-123478 HexaCDD	2009/06/26		91	%	32 - 141
	MATRIX SPIKE	C13-123478 HexaCDF	2009/06/26		84	%	26 - 152
	MATRIX SPIKE						
	DUP	C13-123478 HexaCDF	2009/06/26		93	%	26 - 152
	MATRIX SPIKE	C13-1234789 HeptaCDF	2009/06/26		98	%	26 - 138
	MATRIX SPIKE						
	DUP	C13-1234789 HeptaCDF	2009/06/26		95	%	26 - 138
	MATRIX SPIKE	C13-123678 HexaCDD	2009/06/26		94	%	28 - 130
	MATRIX SPIKE						
	DUP	C13-123678 HexaCDD	2009/06/26		98	%	28 - 130
	MATRIX SPIKE	C13-123678 HexaCDF	2009/06/26		84	%	26 - 123
	MATRIX SPIKE						
	DUP	C13-123678 HexaCDF	2009/06/26		91	%	26 - 123
	MATRIX SPIKE	C13-12378 PentaCDD	2009/06/26		93	%	25 - 181
	MATRIX SPIKE						
	DUP	C13-12378 PentaCDD	2009/06/26		113	%	25 - 181
	MATRIX SPIKE	C13-12378 PentaCDF	2009/06/26		64	%	24 - 185
	MATRIX SPIKE						
	DUP	C13-12378 PentaCDF	2009/06/26		86	%	24 - 185
	MATRIX SPIKE	C13-123789 HexaCDF	2009/06/26		83	%	29 - 147
	MATRIX SPIKE						
	DUP	C13-123789 HexaCDF	2009/06/26		88	%	29 - 147
	MATRIX SPIKE	C13-234678 HexaCDF	2009/06/26		82	%	28 - 136
	MATRIX SPIKE						
	DUP	C13-234678 HexaCDF	2009/06/26		87	%	28 - 136
	MATRIX SPIKE	C13-23478 PentaCDF	2009/06/26		86	%	21 - 178
	MATRIX SPIKE						
	DUP	C13-23478 PentaCDF	2009/06/26		97	%	21 - 178
	MATRIX SPIKE	C13-2378 TetraCDD	2009/06/26		30	%	25 - 164
	MATRIX SPIKE						
	DUP	C13-2378 TetraCDD	2009/06/26		69	%	25 - 164
	MATRIX SPIKE	C13-2378 TetraCDF	2009/06/26		39	%	24 - 169
	MATRIX SPIKE						
	DUP	C13-2378 TetraCDF	2009/06/26		75	%	24 - 169
	MATRIX SPIKE	C13-OCDD	2009/06/26		112	%	17 - 157
	MATRIX SPIKE						
	DUP	C13-OCDD	2009/06/26		106	%	17 - 157
	MATRIX SPIKE						
	(CP5524)	2,3,7,8-Tetra CDD	2009/06/26		90	%	67 - 158
	MATRIX SPIKE						
	DUP (CP5524)	2,3,7,8-Tetra CDD	2009/06/26		91	%	67 - 158

Environmental Science Corp
 Attention: Janice Cozby
 Client Project #: L404399
 P.O. #: S11863
 Project name:

Quality Assurance Report (Continued)
 Maxxam Job Number: GA962867

QA/QC Batch	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	%Recovery	Units	QC Limits
1852547 OBC	MS/MSD RPD	2,3,7,8-Tetra CDD	2009/06/26	1.1		%	25
	MATRIX SPIKE (CP5524)	1,2,3,7,8-Penta CDD	2009/06/26		101	%	70 - 142
	MATRIX SPIKE DUP (CP5524)	1,2,3,7,8-Penta CDD	2009/06/26		102	%	70 - 142
	MS/MSD RPD	1,2,3,7,8-Penta CDD	2009/06/26	1		%	25
	MATRIX SPIKE (CP5524)	1,2,3,4,7,8-Hexa CDD	2009/06/26		109	%	70 - 164
	MATRIX SPIKE DUP (CP5524)	1,2,3,4,7,8-Hexa CDD	2009/06/26		110	%	70 - 164
	MS/MSD RPD	1,2,3,4,7,8-Hexa CDD	2009/06/26	0.9		%	25
	MATRIX SPIKE (CP5524)	1,2,3,6,7,8-Hexa CDD	2009/06/26		97	%	76 - 134
	MATRIX SPIKE DUP (CP5524)	1,2,3,6,7,8-Hexa CDD	2009/06/26		92	%	76 - 134
	MS/MSD RPD	1,2,3,6,7,8-Hexa CDD	2009/06/26	5.3		%	25
	MATRIX SPIKE (CP5524)	1,2,3,7,8,9-Hexa CDD	2009/06/26		107	%	64 - 162
	MATRIX SPIKE DUP (CP5524)	1,2,3,7,8,9-Hexa CDD	2009/06/26		105	%	64 - 162
	MS/MSD RPD	1,2,3,7,8,9-Hexa CDD	2009/06/26	1.9		%	25
	MATRIX SPIKE (CP5524)	1,2,3,4,6,7,8-Hepta CDD	2009/06/26		94	%	70 - 140
	MATRIX SPIKE DUP (CP5524)	1,2,3,4,6,7,8-Hepta CDD	2009/06/26		94	%	70 - 140
	MS/MSD RPD	1,2,3,4,6,7,8-Hepta CDD	2009/06/26	0		%	25
	MATRIX SPIKE (CP5524)	Octa CDD	2009/06/26		97	%	78 - 144
	MATRIX SPIKE DUP (CP5524)	Octa CDD	2009/06/26		96	%	78 - 144
	MS/MSD RPD	Octa CDD	2009/06/26	1.0		%	25
	MATRIX SPIKE (CP5524)	Total Tetra CDD	2009/06/26		34	%	N/A
	MATRIX SPIKE DUP (CP5524)	Total Tetra CDD	2009/06/26		35	%	N/A
	MS/MSD RPD	Total Tetra CDD	2009/06/26	1.2		%	25
	MATRIX SPIKE (CP5524)	Total Penta CDD	2009/06/26		194	%	N/A
	MATRIX SPIKE DUP (CP5524)	Total Penta CDD	2009/06/26		196	%	N/A
	MS/MSD RPD	Total Penta CDD	2009/06/26	0.9		%	25
	MATRIX SPIKE (CP5524)	Total Hexa CDD	2009/06/26		600	%	N/A
	MATRIX SPIKE DUP (CP5524)	Total Hexa CDD	2009/06/26		588	%	N/A
	MS/MSD RPD	Total Hexa CDD	2009/06/26	2.0		%	25
	MATRIX SPIKE (CP5524)	Total Hepta CDD	2009/06/26		184	%	N/A
	MATRIX SPIKE DUP (CP5524)	Total Hepta CDD	2009/06/26		182	%	N/A
	MS/MSD RPD	Total Hepta CDD	2009/06/26	0.9		%	25
	MATRIX SPIKE (CP5524)	2,3,7,8-Tetra CDF	2009/06/26		81	%	75 - 158
	MATRIX SPIKE DUP (CP5524)	2,3,7,8-Tetra CDF	2009/06/26		86	%	75 - 158

Environmental Science Corp
 Attention: Janice Cozby
 Client Project #: L404399
 P.O. #: S11863
 Project name:

Quality Assurance Report (Continued)
 Maxxam Job Number: GA962867

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	%Recovery	Units	QC Limits
1852547 OBC	MS/MSD RPD	2,3,7,8-Tetra CDF	2009/06/26	6.0		%	25
	MATRIX SPIKE (CP5524)	1,2,3,7,8-Penta CDF	2009/06/26		103	%	80 - 134
	MATRIX SPIKE DUP (CP5524)	1,2,3,7,8-Penta CDF	2009/06/26		104	%	80 - 134
	MS/MSD RPD	1,2,3,7,8-Penta CDF	2009/06/26	1		%	25
	MATRIX SPIKE (CP5524)	2,3,4,7,8-Penta CDF	2009/06/26		100	%	68 - 160
	MATRIX SPIKE DUP (CP5524)	2,3,4,7,8-Penta CDF	2009/06/26		103	%	68 - 160
	MS/MSD RPD	2,3,4,7,8-Penta CDF	2009/06/26	3.0		%	25
	MATRIX SPIKE (CP5524)	1,2,3,4,7,8-Hexa CDF	2009/06/26		103	%	72 - 134
	MATRIX SPIKE DUP (CP5524)	1,2,3,4,7,8-Hexa CDF	2009/06/26		102	%	72 - 134
	MS/MSD RPD	1,2,3,4,7,8-Hexa CDF	2009/06/26	1		%	25
	MATRIX SPIKE (CP5524)	1,2,3,6,7,8-Hexa CDF	2009/06/26		97	%	84 - 130
	MATRIX SPIKE DUP (CP5524)	1,2,3,6,7,8-Hexa CDF	2009/06/26		97	%	84 - 130
	MS/MSD RPD	1,2,3,6,7,8-Hexa CDF	2009/06/26	0		%	25
	MATRIX SPIKE (CP5524)	2,3,4,6,7,8-Hexa CDF	2009/06/26		97	%	70 - 156
	MATRIX SPIKE DUP (CP5524)	2,3,4,6,7,8-Hexa CDF	2009/06/26		97	%	70 - 156
	MS/MSD RPD	2,3,4,6,7,8-Hexa CDF	2009/06/26	0		%	25
	MATRIX SPIKE (CP5524)	1,2,3,7,8,9-Hexa CDF	2009/06/26		97	%	78 - 130
	MATRIX SPIKE DUP (CP5524)	1,2,3,7,8,9-Hexa CDF	2009/06/26		103	%	78 - 130
	MS/MSD RPD	1,2,3,7,8,9-Hexa CDF	2009/06/26	6.0		%	25
	MATRIX SPIKE (CP5524)	1,2,3,4,6,7,8-Hepta CDF	2009/06/26		93	%	82 - 122
	MATRIX SPIKE DUP (CP5524)	1,2,3,4,6,7,8-Hepta CDF	2009/06/26		95	%	82 - 122
	MS/MSD RPD	1,2,3,4,6,7,8-Hepta CDF	2009/06/26	2.1		%	25
	MATRIX SPIKE (CP5524)	1,2,3,4,7,8,9-Hepta CDF	2009/06/26		95	%	78 - 138
	MATRIX SPIKE DUP (CP5524)	1,2,3,4,7,8,9-Hepta CDF	2009/06/26		95	%	78 - 138
	MS/MSD RPD	1,2,3,4,7,8,9-Hepta CDF	2009/06/26	0		%	25
	MATRIX SPIKE (CP5524)	Octa CDF	2009/06/26		95	%	63 - 170
	MATRIX SPIKE DUP (CP5524)	Octa CDF	2009/06/26		94	%	63 - 170
	MS/MSD RPD	Octa CDF	2009/06/26	1.1		%	25
	MATRIX SPIKE (CP5524)	Total Tetra CDF	2009/06/26		33	%	N/A
	MATRIX SPIKE DUP (CP5524)	Total Tetra CDF	2009/06/26		37	%	N/A
	MS/MSD RPD	Total Tetra CDF	2009/06/26	10.4		%	25
	MATRIX SPIKE (CP5524)	Total Penta CDF	2009/06/26		392	%	N/A
	MATRIX SPIKE DUP (CP5524)	Total Penta CDF	2009/06/26		401	%	N/A

Environmental Science Corp
 Attention: Janice Cozby
 Client Project #: L404399
 P.O. #: S11863
 Project name:

Quality Assurance Report (Continued)

Maxxam Job Number: GA962867

QA/QC Batch	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	%Recovery	Units	QC Limits
1852547 OBC	MS/MSD RPD	Total Penta CDF	2009/06/26	2.3		%	25
	MATRIX SPIKE (CP5524)	Total Hexa CDF	2009/06/26		754	%	N/A
	MATRIX SPIKE DUP (CP5524)	Total Hexa CDF	2009/06/26		763	%	N/A
	MS/MSD RPD	Total Hexa CDF	2009/06/26	1.3		%	25
	MATRIX SPIKE (CP5524)	Total Hepta CDF	2009/06/26		361	%	N/A
	MATRIX SPIKE DUP (CP5524)	Total Hepta CDF	2009/06/26		364	%	N/A
	MS/MSD RPD	Total Hepta CDF	2009/06/26	0.6		%	25
	Spiked Blank	37CL4 2378 Tetra CDD	2009/06/26		73	%	35 - 197
		C13-1234678 HeptaCDD	2009/06/26		101	%	23 - 140
		C13-1234678 HeptaCDF	2009/06/26		98	%	28 - 143
		C13-123478 HexaCDD	2009/06/26		93	%	32 - 141
		C13-123478 HexaCDF	2009/06/26		96	%	26 - 152
		C13-1234789 HeptaCDF	2009/06/26		98	%	26 - 138
		C13-123678 HexaCDD	2009/06/26		100	%	28 - 130
		C13-123678 HexaCDF	2009/06/26		93	%	26 - 123
		C13-12378 PentaCDD	2009/06/26		98	%	25 - 181
		C13-12378 PentaCDF	2009/06/26		89	%	24 - 185
		C13-123789 HexaCDF	2009/06/26		91	%	29 - 147
		C13-234678 HexaCDF	2009/06/26		91	%	28 - 136
		C13-23478 PentaCDF	2009/06/26		92	%	21 - 178
		C13-2378 TetraCDD	2009/06/26		79	%	25 - 164
		C13-2378 TetraCDF	2009/06/26		82	%	24 - 169
		C13-OCDD	2009/06/26		116	%	17 - 157
		2,3,7,8-Tetra CDD	2009/06/26		91	%	67 - 158
		1,2,3,7,8-Penta CDD	2009/06/26		103	%	70 - 142
		1,2,3,4,7,8-Hexa CDD	2009/06/26		110	%	70 - 164
		1,2,3,6,7,8-Hexa CDD	2009/06/26		91	%	76 - 134
		1,2,3,7,8,9-Hexa CDD	2009/06/26		104	%	64 - 162
		1,2,3,4,6,7,8-Hepta CDD	2009/06/26		99	%	70 - 140
		Octa CDD	2009/06/26		97	%	78 - 144
		2,3,7,8-Tetra CDF	2009/06/26		87	%	75 - 158
		1,2,3,7,8-Penta CDF	2009/06/26		103	%	80 - 134
		2,3,4,7,8-Penta CDF	2009/06/26		102	%	68 - 160
		1,2,3,4,7,8-Hexa CDF	2009/06/26		104	%	72 - 134
		1,2,3,6,7,8-Hexa CDF	2009/06/26		101	%	84 - 130
		2,3,4,6,7,8-Hexa CDF	2009/06/26		97	%	70 - 156
		1,2,3,7,8,9-Hexa CDF	2009/06/26		98	%	78 - 130
		1,2,3,4,6,7,8-Hepta CDF	2009/06/26		111	%	82 - 122
		1,2,3,4,7,8,9-Hepta CDF	2009/06/26		100	%	78 - 138
		Octa CDF	2009/06/26		97	%	63 - 170
	Method Blank	37CL4 2378 Tetra CDD	2009/06/26		82	%	35 - 197
		C13-1234678 HeptaCDD	2009/06/26		102	%	23 - 140
		C13-1234678 HeptaCDF	2009/06/26		91	%	28 - 143
		C13-123478 HexaCDD	2009/06/26		94	%	32 - 141
		C13-123478 HexaCDF	2009/06/26		96	%	26 - 152
		C13-1234789 HeptaCDF	2009/06/26		90	%	26 - 138
		C13-123678 HexaCDD	2009/06/26		102	%	28 - 130
		C13-123678 HexaCDF	2009/06/26		96	%	26 - 123
		C13-12378 PentaCDD	2009/06/26		106	%	25 - 181
		C13-12378 PentaCDF	2009/06/26		92	%	24 - 185
		C13-123789 HexaCDF	2009/06/26		90	%	29 - 147

Environmental Science Corp
 Attention: Janice Cozby
 Client Project #: L404399
 P.O. #: S11863
 Project name:

Quality Assurance Report (Continued)

Maxxam Job Number: GA962867

QA/QC Batch	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	%Recovery	Units	QC Limits
1852547 OBC	Method Blank	C13-234678 HexaCDF	2009/06/26		91	%	28 - 136
		C13-23478 PentaCDF	2009/06/26		94	%	21 - 178
		C13-2378 TetraCDD	2009/06/26		89	%	25 - 164
		C13-2378 TetraCDF	2009/06/26		90	%	24 - 169
		C13-OCDD	2009/06/26		102	%	17 - 157
		2,3,7,8-Tetra CDD	2009/06/26	ND, EDL=0.160		pg/g	
		1,2,3,7,8-Penta CDD	2009/06/26	ND, EDL=0.160		pg/g	
		1,2,3,4,7,8-Hexa CDD	2009/06/26	ND, EDL=0.130		pg/g	
		1,2,3,6,7,8-Hexa CDD	2009/06/26	ND, EDL=0.139		pg/g	
		1,2,3,7,8,9-Hexa CDD	2009/06/26	ND, EDL=0.135		pg/g	
		1,2,3,4,6,7,8-Hepta CDD	2009/06/26	ND, EDL=0.153		pg/g	
		Octa CDD	2009/06/26	0.474, EDL=0.206		pg/g	
		Total Tetra CDD	2009/06/26	ND, EDL=0.160		pg/g	
		Total Penta CDD	2009/06/26	ND, EDL=0.160		pg/g	
		Total Hexa CDD	2009/06/26	ND, EDL=0.136		pg/g	
		Total Hepta CDD	2009/06/26	ND, EDL=0.153		pg/g	
		2,3,7,8-Tetra CDF	2009/06/26	0.268, EDL=0.134		pg/g	
		1,2,3,7,8-Penta CDF	2009/06/26	ND, EDL=0.142		pg/g	
		2,3,4,7,8-Penta CDF	2009/06/26	0.240, EDL=0.135		pg/g	
		1,2,3,4,7,8-Hexa CDF	2009/06/26	ND, EDL=0.119		pg/g	
		1,2,3,6,7,8-Hexa CDF	2009/06/26	ND, EDL=0.128		pg/g	
		2,3,4,6,7,8-Hexa CDF	2009/06/26	ND, EDL=0.121		pg/g	
		1,2,3,7,8,9-Hexa CDF	2009/06/26	ND, EDL=0.122		pg/g	
		1,2,3,4,6,7,8-Hepta CDF	2009/06/26	ND, EDL=0.234 (1)		pg/g	
		1,2,3,4,7,8,9-Hepta CDF	2009/06/26	ND, EDL=0.166		pg/g	
		Octa CDF	2009/06/26	ND, EDL=0.213		pg/g	
		Total Tetra CDF	2009/06/26	0.473, EDL=0.134		pg/g	
		Total Penta CDF	2009/06/26	0.240, EDL=0.139		pg/g	
		Total Hexa CDF	2009/06/26	ND, EDL=0.123		pg/g	
		Total Hepta CDF	2009/06/26	ND, EDL=0.234 (1)		pg/g	
1861839 KKS	MATRIX SPIKE	37CL4 2378 Tetra CDD	2009/07/06		73	%	35 - 197
	MATRIX SPIKE DUP	37CL4 2378 Tetra CDD	2009/07/06		62	%	35 - 197
	MATRIX SPIKE	C13-1234678 HeptaCDD	2009/07/06		96	%	23 - 140
	MATRIX SPIKE DUP	C13-1234678 HeptaCDD	2009/07/06		99	%	23 - 140
	MATRIX SPIKE	C13-1234678 HeptaCDF	2009/07/06		106	%	28 - 143
	MATRIX SPIKE DUP	C13-1234678 HeptaCDF	2009/07/06		105	%	28 - 143
	MATRIX SPIKE	C13-123478 HexaCDD	2009/07/06		92	%	32 - 141
	MATRIX SPIKE DUP	C13-123478 HexaCDD	2009/07/06		96	%	32 - 141
	MATRIX SPIKE	C13-123478 HexaCDF	2009/07/06		99	%	26 - 152
	MATRIX SPIKE DUP	C13-123478 HexaCDF	2009/07/06		104	%	26 - 152
	MATRIX SPIKE	C13-1234789 HeptaCDF	2009/07/06		98	%	26 - 138
	MATRIX SPIKE DUP	C13-1234789 HeptaCDF	2009/07/06		99	%	26 - 138
	MATRIX SPIKE	C13-123678 HexaCDD	2009/07/06		99	%	28 - 130
	MATRIX SPIKE DUP	C13-123678 HexaCDD	2009/07/06		106	%	28 - 130
	MATRIX SPIKE	C13-123678 HexaCDF	2009/07/06		96	%	26 - 123
	MATRIX SPIKE DUP	C13-123678 HexaCDF	2009/07/06		101	%	26 - 123
	MATRIX SPIKE	C13-12378 PentaCDD	2009/07/06		108	%	25 - 181

Environmental Science Corp
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 Client Project #: L404399
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Quality Assurance Report (Continued)
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QA/QC Batch	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	%Recovery	Units	QC Limits
1861839 KKS	MATRIX SPIKE						
	DUP	C13-12378 PentaCDD	2009/07/06		136	%	25 - 181
	MATRIX SPIKE	C13-12378 PentaCDF	2009/07/06		62	%	24 - 185
	MATRIX SPIKE						
	DUP	C13-12378 PentaCDF	2009/07/06		86	%	24 - 185
	MATRIX SPIKE	C13-123789 HexaCDF	2009/07/06		91	%	29 - 147
	MATRIX SPIKE						
	DUP	C13-123789 HexaCDF	2009/07/06		92	%	29 - 147
	MATRIX SPIKE	C13-234678 HexaCDF	2009/07/06		88	%	28 - 136
	MATRIX SPIKE						
	DUP	C13-234678 HexaCDF	2009/07/06		94	%	28 - 136
	MATRIX SPIKE	C13-23478 PentaCDF	2009/07/06		65	%	21 - 178
	MATRIX SPIKE						
	DUP	C13-23478 PentaCDF	2009/07/06		98	%	21 - 178
	MATRIX SPIKE	C13-2378 TetraCDD	2009/07/06		79	%	25 - 164
	MATRIX SPIKE						
	DUP	C13-2378 TetraCDD	2009/07/06		68	%	25 - 164
	MATRIX SPIKE	C13-2378 TetraCDF	2009/07/06		50	%	24 - 169
	MATRIX SPIKE						
	DUP	C13-2378 TetraCDF	2009/07/06		63	%	24 - 169
	MATRIX SPIKE	C13-OCDD	2009/07/06		104	%	17 - 157
	MATRIX SPIKE						
	DUP	C13-OCDD	2009/07/06		100	%	17 - 157
	MATRIX SPIKE	2,3,7,8-Tetra CDD	2009/07/06		92	%	67 - 158
	MATRIX SPIKE						
	DUP	2,3,7,8-Tetra CDD	2009/07/06		89	%	67 - 158
	MS/MSD RPD	2,3,7,8-Tetra CDD	2009/07/06	3.3		%	25
	MATRIX SPIKE	1,2,3,7,8-Penta CDD	2009/07/06		107	%	70 - 142
	MATRIX SPIKE						
	DUP	1,2,3,7,8-Penta CDD	2009/07/06		106	%	70 - 142
	MS/MSD RPD	1,2,3,7,8-Penta CDD	2009/07/06	0.9		%	25
	MATRIX SPIKE	1,2,3,4,7,8-Hexa CDD	2009/07/06		112	%	70 - 164
	MATRIX SPIKE						
	DUP	1,2,3,4,7,8-Hexa CDD	2009/07/06		114	%	70 - 164
	MS/MSD RPD	1,2,3,4,7,8-Hexa CDD	2009/07/06	1.8		%	25
	MATRIX SPIKE	1,2,3,6,7,8-Hexa CDD	2009/07/06		93	%	76 - 134
	MATRIX SPIKE						
	DUP	1,2,3,6,7,8-Hexa CDD	2009/07/06		94	%	76 - 134
	MS/MSD RPD	1,2,3,6,7,8-Hexa CDD	2009/07/06	1.1		%	25
	MATRIX SPIKE	1,2,3,7,8,9-Hexa CDD	2009/07/06		106	%	64 - 162
	MATRIX SPIKE						
	DUP	1,2,3,7,8,9-Hexa CDD	2009/07/06		102	%	64 - 162
	MS/MSD RPD	1,2,3,7,8,9-Hexa CDD	2009/07/06	3.8		%	25
	MATRIX SPIKE	1,2,3,4,6,7,8-Hepta CDD	2009/07/06		98	%	70 - 140
	MATRIX SPIKE						
	DUP	1,2,3,4,6,7,8-Hepta CDD	2009/07/06		94	%	70 - 140
	MS/MSD RPD	1,2,3,4,6,7,8-Hepta CDD	2009/07/06	4.2		%	25
	MATRIX SPIKE	Octa CDD	2009/07/06		91	%	78 - 144
	MATRIX SPIKE						
	DUP	Octa CDD	2009/07/06		90	%	78 - 144
	MS/MSD RPD	Octa CDD	2009/07/06	1.1		%	25
	MATRIX SPIKE	Total Tetra CDD	2009/07/06		36	%	N/A
	MATRIX SPIKE						
	DUP	Total Tetra CDD	2009/07/06		35	%	N/A
	MS/MSD RPD	Total Tetra CDD	2009/07/06	2.2		%	25

Environmental Science Corp
 Attention: Janice Cozby
 Client Project #: L404399
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 Project name:

Quality Assurance Report (Continued)
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QA/QC Batch	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	%Recovery	Units	QC Limits
1861839 KKS	MATRIX SPIKE	Total Penta CDD	2009/07/06		211	%	N/A
	DUP	Total Penta CDD	2009/07/06		209	%	N/A
	MS/MSD RPD	Total Penta CDD	2009/07/06	1		%	25
	MATRIX SPIKE	Total Hexa CDD	2009/07/06		615	%	N/A
	DUP	Total Hexa CDD	2009/07/06		612	%	N/A
	MS/MSD RPD	Total Hexa CDD	2009/07/06	0.6		%	25
	MATRIX SPIKE	Total Hepta CDD	2009/07/06		199	%	N/A
	DUP	Total Hepta CDD	2009/07/06		190	%	N/A
	MS/MSD RPD	Total Hepta CDD	2009/07/06	4.7		%	25
	MATRIX SPIKE	2,3,7,8-Tetra CDF	2009/07/06		88	%	75 - 158
	DUP	2,3,7,8-Tetra CDF	2009/07/06		85	%	75 - 158
	MS/MSD RPD	2,3,7,8-Tetra CDF	2009/07/06	3.5		%	25
	MATRIX SPIKE	1,2,3,7,8-Penta CDF	2009/07/06		106	%	80 - 134
	DUP	1,2,3,7,8-Penta CDF	2009/07/06		105	%	80 - 134
	MS/MSD RPD	1,2,3,7,8-Penta CDF	2009/07/06	0.9		%	25
	MATRIX SPIKE	2,3,4,7,8-Penta CDF	2009/07/06		107	%	68 - 160
	DUP	2,3,4,7,8-Penta CDF	2009/07/06		109	%	68 - 160
	MS/MSD RPD	2,3,4,7,8-Penta CDF	2009/07/06	1.9		%	25
	MATRIX SPIKE	1,2,3,4,7,8-Hexa CDF	2009/07/06		107	%	72 - 134
	DUP	1,2,3,4,7,8-Hexa CDF	2009/07/06		105	%	72 - 134
	MS/MSD RPD	1,2,3,4,7,8-Hexa CDF	2009/07/06	1.9		%	25
	MATRIX SPIKE	1,2,3,6,7,8-Hexa CDF	2009/07/06		102	%	84 - 130
	DUP	1,2,3,6,7,8-Hexa CDF	2009/07/06		100	%	84 - 130
	MS/MSD RPD	1,2,3,6,7,8-Hexa CDF	2009/07/06	2.0		%	25
	MATRIX SPIKE	2,3,4,6,7,8-Hexa CDF	2009/07/06		101	%	70 - 156
	DUP	2,3,4,6,7,8-Hexa CDF	2009/07/06		104	%	70 - 156
	MS/MSD RPD	2,3,4,6,7,8-Hexa CDF	2009/07/06	2.9		%	25
	MATRIX SPIKE	1,2,3,7,8,9-Hexa CDF	2009/07/06		100	%	78 - 130
	DUP	1,2,3,7,8,9-Hexa CDF	2009/07/06		100	%	78 - 130
	MS/MSD RPD	1,2,3,7,8,9-Hexa CDF	2009/07/06	0		%	25
	MATRIX SPIKE	1,2,3,4,6,7,8-Hepta CDF	2009/07/06		97	%	82 - 122
	DUP	1,2,3,4,6,7,8-Hepta CDF	2009/07/06		98	%	82 - 122
	MS/MSD RPD	1,2,3,4,6,7,8-Hepta CDF	2009/07/06	1.0		%	25
	MATRIX SPIKE	1,2,3,4,7,8,9-Hepta CDF	2009/07/06		98	%	78 - 138
	DUP	1,2,3,4,7,8,9-Hepta CDF	2009/07/06		101	%	78 - 138
	MS/MSD RPD	1,2,3,4,7,8,9-Hepta CDF	2009/07/06	3.0		%	25
	MATRIX SPIKE	Octa CDF	2009/07/06		101	%	63 - 170
	DUP	Octa CDF	2009/07/06		99	%	63 - 170
	MS/MSD RPD	Octa CDF	2009/07/06	2.0		%	25
	MATRIX SPIKE	Total Tetra CDF	2009/07/06		36	%	N/A
	DUP	Total Tetra CDF	2009/07/06		35	%	N/A

Environmental Science Corp
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 Client Project #: L404399
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Quality Assurance Report (Continued)

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QA/QC Batch	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	%Recovery	Units	QC Limits
1861839 KKS	MS/MSD RPD	Total Tetra CDF	2009/07/06	2.7		%	25
	MATRIX SPIKE	Total Penta CDF	2009/07/06		425	%	N/A
	MATRIX SPIKE						
	DUP	Total Penta CDF	2009/07/06		426	%	N/A
	MS/MSD RPD	Total Penta CDF	2009/07/06	0.09		%	25
	MATRIX SPIKE	Total Hexa CDF	2009/07/06		811	%	N/A
	MATRIX SPIKE						
	DUP	Total Hexa CDF	2009/07/06		809	%	N/A
	MS/MSD RPD	Total Hexa CDF	2009/07/06	0.3		%	25
	MATRIX SPIKE	Total Hepta CDF	2009/07/06		385	%	N/A
	MATRIX SPIKE						
	DUP	Total Hepta CDF	2009/07/06		393	%	N/A
	MS/MSD RPD	Total Hepta CDF	2009/07/06	2.1		%	25
	Spiked Blank	37CL4 2378 Tetra CDD	2009/07/06		35	%	35 - 197
		C13-1234678 HeptaCDD	2009/07/06		98	%	23 - 140
		C13-1234678 HeptaCDF	2009/07/06		107	%	28 - 143
		C13-123478 HexaCDD	2009/07/06		92	%	32 - 141
		C13-123478 HexaCDF	2009/07/06		100	%	26 - 152
		C13-1234789 HeptaCDF	2009/07/06		104	%	26 - 138
		C13-123678 HexaCDD	2009/07/06		102	%	28 - 130
		C13-123678 HexaCDF	2009/07/06		96	%	26 - 123
		C13-12378 PentaCDD	2009/07/06		103	%	25 - 181
		C13-12378 PentaCDF	2009/07/06		86	%	24 - 185
		C13-123789 HexaCDF	2009/07/06		93	%	29 - 147
		C13-234678 HexaCDF	2009/07/06		93	%	28 - 136
		C13-23478 PentaCDF	2009/07/06		103	%	21 - 178
		C13-2378 TetraCDD	2009/07/06		36	%	25 - 164
		C13-2378 TetraCDF	2009/07/06		55	%	24 - 169
		C13-OCDD	2009/07/06		101	%	17 - 157
		2,3,7,8-Tetra CDD	2009/07/06		89	%	67 - 158
		1,2,3,7,8-Penta CDD	2009/07/06		102	%	70 - 142
		1,2,3,4,7,8-Hexa CDD	2009/07/06		113	%	70 - 164
		1,2,3,6,7,8-Hexa CDD	2009/07/06		99	%	76 - 134
		1,2,3,7,8,9-Hexa CDD	2009/07/06		104	%	64 - 162
		1,2,3,4,6,7,8-Hepta CDD	2009/07/06		95	%	70 - 140
		Octa CDD	2009/07/06		102	%	78 - 144
		2,3,7,8-Tetra CDF	2009/07/06		85	%	75 - 158
		1,2,3,7,8-Penta CDF	2009/07/06		105	%	80 - 134
		2,3,4,7,8-Penta CDF	2009/07/06		110	%	68 - 160
		1,2,3,4,7,8-Hexa CDF	2009/07/06		104	%	72 - 134
		1,2,3,6,7,8-Hexa CDF	2009/07/06		100	%	84 - 130
		2,3,4,6,7,8-Hexa CDF	2009/07/06		99	%	70 - 156
		1,2,3,7,8,9-Hexa CDF	2009/07/06		98	%	78 - 130
		1,2,3,4,6,7,8-Hepta CDF	2009/07/06		106	%	82 - 122
		1,2,3,4,7,8,9-Hepta CDF	2009/07/06		98	%	78 - 138
		Octa CDF	2009/07/06		108	%	63 - 170
	Method Blank	37CL4 2378 Tetra CDD	2009/07/06		94	%	35 - 197
		C13-1234678 HeptaCDD	2009/07/06		85	%	23 - 140
		C13-1234678 HeptaCDF	2009/07/06		90	%	28 - 143
		C13-123478 HexaCDD	2009/07/06		91	%	32 - 141
		C13-123478 HexaCDF	2009/07/06		99	%	26 - 152
		C13-1234789 HeptaCDF	2009/07/06		84	%	26 - 138
		C13-123678 HexaCDD	2009/07/06		98	%	28 - 130
		C13-123678 HexaCDF	2009/07/06		99	%	26 - 123
		C13-12378 PentaCDD	2009/07/06		87	%	25 - 181

Environmental Science Corp
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 Client Project #: L404399
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 Project name:

Quality Assurance Report (Continued)
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QA/QC Batch	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	%Recovery	Units	QC Limits
1861839 KKS	Method Blank	C13-12378 PentaCDF	2009/07/06		79	%	24 - 185
		C13-123789 HexaCDF	2009/07/06		88	%	29 - 147
		C13-234678 HexaCDF	2009/07/06		91	%	28 - 136
		C13-23478 PentaCDF	2009/07/06		83	%	21 - 178
		C13-2378 TetraCDD	2009/07/06		89	%	25 - 164
		C13-2378 TetraCDF	2009/07/06		85	%	24 - 169
		C13-OCDD	2009/07/06		79	%	17 - 157
		2,3,7,8-Tetra CDD	2009/07/06	ND, EDL=0.105		pg/g	
		1,2,3,7,8-Penta CDD	2009/07/06	ND, EDL=0.117		pg/g	
		1,2,3,4,7,8-Hexa CDD	2009/07/06	ND, EDL=0.0976		pg/g	
		1,2,3,6,7,8-Hexa CDD	2009/07/06	ND, EDL=0.104		pg/g	
		1,2,3,7,8,9-Hexa CDD	2009/07/06	ND, EDL=0.101		pg/g	
		1,2,3,4,6,7,8-Hepta CDD	2009/07/06	0.152, EDL=0.101		pg/g	
		Octa CDD	2009/07/06	0.382, EDL=0.297		pg/g	
		Total Tetra CDD	2009/07/06	ND, EDL=0.105		pg/g	
		Total Penta CDD	2009/07/06	ND, EDL=0.247 (1)		pg/g	
		Total Hexa CDD	2009/07/06	ND, EDL=0.102		pg/g	
		Total Hepta CDD	2009/07/06	0.152, EDL=0.101		pg/g	
		2,3,7,8-Tetra CDF	2009/07/06	0.190, EDL=0.109		pg/g	
		1,2,3,7,8-Penta CDF	2009/07/06	ND, EDL=0.110		pg/g	
		2,3,4,7,8-Penta CDF	2009/07/06	0.218, EDL=0.104		pg/g	
		1,2,3,4,7,8-Hexa CDF	2009/07/06	ND, EDL=0.101		pg/g	
		1,2,3,6,7,8-Hexa CDF	2009/07/06	ND, EDL=0.109		pg/g	
		2,3,4,6,7,8-Hexa CDF	2009/07/06	ND, EDL=0.103		pg/g	
		1,2,3,7,8,9-Hexa CDF	2009/07/06	0.132, EDL=0.104		pg/g	
		1,2,3,4,6,7,8-Hepta CDF	2009/07/06	ND, EDL=0.359 (2)		pg/g	
		1,2,3,4,7,8,9-Hepta CDF	2009/07/06	ND, EDL=0.710		pg/g	
		Octa CDF	2009/07/06	ND, EDL=0.202 (1)		pg/g	
		Total Tetra CDF	2009/07/06	0.608, EDL=0.109		pg/g	
		Total Penta CDF	2009/07/06	0.218, EDL=0.107		pg/g	
		Total Hexa CDF	2009/07/06	0.132, EDL=0.104		pg/g	
		Total Hepta CDF	2009/07/06	ND, EDL=0.111		pg/g	

ND = Not detected
 N/A = Not Applicable
 SPIKE = Fortified sample
 (1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.
 (2) EMPC / DPE - Diphenylether interference present caused dibenzofuran detected to become a "non-detect" with an elevated detection limit.
 EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

Maxxam Job #: A962867
 Report Date: 2009/07/08

Environmental Science Corp
 Client Project #: L404399
 Project name:
 Your P.O. #: S11863
 Sampler Initials:

RESULTS OF ANALYSES OF SOLID

Maxxam ID		CP5524	CP5524	CP5525			
Sampling Date		39953.44792	39953.44792	39953			
COC Number		NA	NA	NA			
	Units	L404399-01	L404399-01 Lab-Dup	L404399-02	DL	QC Batch	MDL
Moisture	%	14	14	19	0.2	1832936	0.2

RDL = Reportable Detection Limit
 Lab-Dup = Laboratory Initiated Duplicate
 QC Batch = Quality Control Batch

1852547-LILB	SO	MAXX	EPA 1613E 6/26/2009	0:56 initial	1852547-LI 1852547-LIDRY	EPA 1613E 6/19/2009	0:00
1852547-LILB	SO	MAXX	EPA 1613E 6/26/2009	0:56 initial	1852547-LI 1852547-LIDRY	EPA 1613E 6/19/2009	0:00
1861839-LILB	SO	MAXX	EPA 1613E 7/6/2009	15:55 initial	1861839-LI 1861839-LIDRY	EPA 1613E 6/28/2009	0:00
1861839-LILB	SO	MAXX	EPA 1613E 7/6/2009	15:55 initial	1861839-LI 1861839-LIDRY	EPA 1613E 6/28/2009	0:00
1852547-LILB	SO	MAXX	EPA 1613E 6/26/2009	0:56 initial	1852547-LI 1852547-LIDRY	EPA 1613E 6/19/2009	0:00
1852547-LILB	SO	MAXX	EPA 1613E 6/26/2009	0:56 initial	1852547-LI 1852547-LIDRY	EPA 1613E 6/19/2009	0:00
1861839-LILB	SO	MAXX	EPA 1613E 7/6/2009	15:55 initial	1861839-LI 1861839-LIDRY	EPA 1613E 6/28/2009	0:00
1861839-LILB	SO	MAXX	EPA 1613E 7/6/2009	15:55 initial	1861839-LI 1861839-LIDRY	EPA 1613E 6/28/2009	0:00
1852547-LILB	SO	MAXX	EPA 1613E 6/26/2009	0:56 initial	1852547-LI 1852547-LIDRY	EPA 1613E 6/19/2009	0:00
1852547-LILB	SO	MAXX	EPA 1613E 6/26/2009	0:56 initial	1852547-LI 1852547-LIDRY	EPA 1613E 6/19/2009	0:00
1861839-LILB	SO	MAXX	EPA 1613E 7/6/2009	15:55 initial	1861839-LI 1861839-LIDRY	EPA 1613E 6/28/2009	0:00
1861839-LILB	SO	MAXX	EPA 1613E 7/6/2009	15:55 initial	1861839-LI 1861839-LIDRY	EPA 1613E 6/28/2009	0:00
1852547-LILB	SO	MAXX	EPA 1613E 6/26/2009	0:56 initial	1852547-LI 1852547-LIDRY	EPA 1613E 6/19/2009	0:00
1852547-LILB	SO	MAXX	EPA 1613E 6/26/2009	0:56 initial	1852547-LI 1852547-LIDRY	EPA 1613E 6/19/2009	0:00
1861839-LILB	SO	MAXX	EPA 1613E 7/6/2009	15:55 initial	1861839-LI 1861839-LIDRY	EPA 1613E 6/28/2009	0:00

Cas_Rn	Chemical_I	Result_Val	Result_Uni	Detect_Fla	Detection_I	Lab_Qualif	Test_batch	Validator_C	Reportable	Fraction	Dilution_Fa	Method_De	Composite	Field_sdg	percent_moisture
35822-46-€	1,2,3,4,6,7,	1.83	PG/G	Y		10 J	1852547	Yes	N		1	0.14	N	A962867	14
67562-39-4	1,2,3,4,6,7,	0.654	PG/G	N		10 U	1852547	Yes	N		1	0.654	N	A962867	14
55673-89-7	1,2,3,4,7,8,	0.257	PG/G	N		10 U	1852547	Yes	N		1	0.257	N	A962867	14
39227-28-€	1,2,3,4,7,8-	0.15	PG/G	N		10 U	1852547	Yes	N		1	0.15	N	A962867	14
70648-26-€	1,2,3,4,7,8-	0.343	PG/G	Y		10 J	1852547	Yes	N		1	0.149	N	A962867	14
57653-85-7	1,2,3,6,7,8-	0.16	PG/G	N		10 U	1852547	Yes	N		1	0.16	N	A962867	14
57117-44-€	1,2,3,6,7,8-	0.184	PG/G	Y		10 J	1852547	Yes	N		1	0.161	N	A962867	14
19408-74-€	1,2,3,7,8,9-	0.155	PG/G	N		10 U	1852547	Yes	N		1	0.155	N	A962867	14
72918-21-€	1,2,3,7,8,9-	0.153	PG/G	N		10 U	1852547	Yes	N		1	0.153	N	A962867	14
40321-76-4	1,2,3,7,8-P	0.147	PG/G	N		10 U	1852547	Yes	N		1	0.147	N	A962867	14
57117-41-€	1,2,3,7,8-P	0.198	PG/G	Y		10 J	1852547	Yes	N		1	0.158	N	A962867	14
60851-34-€	2,3,4,6,7,8-	0.152	PG/G	N		10 U	1852547	Yes	N		1	0.152	N	A962867	14
57117-31-4	2,3,4,7,8-P	0.406	PG/G	Y		10 JB	1852547	Yes	N		1	0.151	N	A962867	14
TCDD-TEC	2,3,7,8-Tet	0.163	PG/G	N		2 U	1852547	Yes	N		1	0.163	N	A962867	14
51207-31-€	2,3,7,8-Tet	1.08	PG/G	Y		2 JB	1852547	Yes	N		1	0.175	N	A962867	14
85508-50-€	37CL4 237	60	PERCENT	Y			1852547	Yes	N		1		N	A962867	14
109719-83-	C13-12346	91	PERCENT	Y			1852547	Yes	N		1		N	A962867	14
109719-84-	C13-12346	87	PERCENT	Y			1852547	Yes	N		1		N	A962867	14
109719-80-	C13-12347	84	PERCENT	Y			1852547	Yes	N		1		N	A962867	14
114423-98-	C13-12347	88	PERCENT	Y			1852547	Yes	N		1		N	A962867	14
109719-94-	C13-12347	84	PERCENT	Y			1852547	Yes	N		1		N	A962867	14
109719-81-	C13-12367	94	PERCENT	Y			1852547	Yes	N		1		N	A962867	14
116843-03-	C13-12367	87	PERCENT	Y			1852547	Yes	N		1		N	A962867	14
109719-79-	C13-12378	104	PERCENT	Y			1852547	Yes	N		1		N	A962867	14
109719-77-	C13-12378	80	PERCENT	Y			1852547	Yes	N		1		N	A962867	14
116843-04-	C13-12378	83	PERCENT	Y			1852547	Yes	N		1		N	A962867	14
116843-05-	C13-23467	84	PERCENT	Y			1852547	Yes	N		1		N	A962867	14
116843-02-	C13-23478	86	PERCENT	Y			1852547	Yes	N		1		N	A962867	14
76523-40-€	C13-2378	63	PERCENT	Y			1852547	Yes	N		1		N	A962867	14
89059-46-1	C13-2378	69	PERCENT	Y			1852547	Yes	N		1		N	A962867	14
114423-97-	C13-OCDC	96	PERCENT	Y			1852547	Yes	N		1		N	A962867	14
3268-87-9	Octa CDD	15.8	PG/G	Y		20 J	1852547	Yes	N		1	0.316	N	A962867	14
39001-02-€	Octa CDF	1.26	PG/G	Y		20 J	1852547	Yes	N		1	0.381	N	A962867	14
37871-00-4	Total Hepta	2.97	PG/G	Y		0.14	1852547	Yes	N		1	0.14	N	A962867	14
38998-75-€	Total Hepta	0.881	PG/G	Y		0.242	1852547	Yes	N		1	0.242	N	A962867	14
34465-46-€	Total Hexa	0.191	PG/G	Y		0.157	1852547	Yes	N		1	0.157	N	A962867	14
55684-94-1	Total Hexa	0.952	PG/G	Y		0.154	1852547	Yes	N		1	0.154	N	A962867	14
36088-22-€	Total Penta	0.147	PG/G	N		0.147 U	1852547	Yes	N		1	0.147	N	A962867	14
30402-15-4	Total Penta	1.59	PG/G	Y		0.154	1852547	Yes	N		1	0.154	N	A962867	14
41903-57-€	Total Tetra	0.163	PG/G	N		0.163 U	1852547	Yes	N		1	0.163	N	A962867	14
55722-27-€	Total Tetra	3.44	PG/G	Y		0.175	1852547	Yes	N		1	0.175	N	A962867	14
TEQEO	2378-TCDF	0.708	PG/G	Y				Yes	N		1		N	A962867	14
35822-46-€	1,2,3,4,6,7,	599	PG/G	Y		10	1861839	Yes	N		1	0.125	N	A962867	19
67562-39-4	1,2,3,4,6,7,	17	PG/G	Y		10	1861839	Yes	N		1	0.12	N	A962867	19
55673-89-7	1,2,3,4,7,8,	0.677	PG/G	Y		10 J	1861839	Yes	N		1	0.135	N	A962867	19
39227-28-€	1,2,3,4,7,8-	1.4	PG/G	Y		10 J	1861839	Yes	N		1	0.121	N	A962867	19
70648-26-€	1,2,3,4,7,8-	0.8	PG/G	Y		10 J	1861839	Yes	N		1	0.102	N	A962867	19
57653-85-7	1,2,3,6,7,8-	13.4	PG/G	Y		10	1861839	Yes	N		1	0.128	N	A962867	19
57117-44-€	1,2,3,6,7,8-	0.649	PG/G	Y		10 J	1861839	Yes	N		1	0.11	N	A962867	19

19408-74-ε 1,2,3,7,8,9-	7.45 PG/G	Y	10 J	1861839	Yes	N	1	0.125 N	A962867	19
72918-21-ε 1,2,3,7,8,9-	0.121 PG/G	Y	10 JB	1861839	Yes	N	1	0.105 N	A962867	19
40321-76-41,2,3,7,8-P	0.335 PG/G	Y	10 J	1861839	Yes	N	1	0.115 N	A962867	19
57117-41-ε 1,2,3,7,8-P	0.205 PG/G	Y	10 J	1861839	Yes	N	1	0.131 N	A962867	19
60851-34-ε 2,3,4,6,7,8-	0.502 PG/G	Y	10 J	1861839	Yes	N	1	0.104 N	A962867	19
57117-31-42,3,4,7,8-P	0.258 PG/G	Y	10 JB	1861839	Yes	N	1	0.124 N	A962867	19
TCDD-TEC 2,3,7,8-Tet	0.127 PG/G	N	2 U	1861839	Yes	N	1	0.127 N	A962867	19
51207-31-ε 2,3,7,8-Tet	0.275 PG/G	Y	2 JB	1861839	Yes	N	1	0.109 N	A962867	19
85508-50-ε 37CL4 237	83 PERCENT	Y		1861839	Yes	N	1	N	A962867	19
109719-83-C13-12346	100 PERCENT	Y		1861839	Yes	N	1	N	A962867	19
109719-84-C13-12346	102 PERCENT	Y		1861839	Yes	N	1	N	A962867	19
109719-80-C13-12347	96 PERCENT	Y		1861839	Yes	N	1	N	A962867	19
114423-98-C13-12347	101 PERCENT	Y		1861839	Yes	N	1	N	A962867	19
109719-94-C13-12347	98 PERCENT	Y		1861839	Yes	N	1	N	A962867	19
109719-81-C13-12367	103 PERCENT	Y		1861839	Yes	N	1	N	A962867	19
116843-03-C13-12367	100 PERCENT	Y		1861839	Yes	N	1	N	A962867	19
109719-79-C13-12378	113 PERCENT	Y		1861839	Yes	N	1	N	A962867	19
109719-77-C13-12378	85 PERCENT	Y		1861839	Yes	N	1	N	A962867	19
116843-04-C13-12378	94 PERCENT	Y		1861839	Yes	N	1	N	A962867	19
116843-05-C13-23467	95 PERCENT	Y		1861839	Yes	N	1	N	A962867	19
116843-02-C13-23478	91 PERCENT	Y		1861839	Yes	N	1	N	A962867	19
76523-40-ε C13-2378	90 PERCENT	Y		1861839	Yes	N	1	N	A962867	19
89059-46-1C13-2378	79 PERCENT	Y		1861839	Yes	N	1	N	A962867	19
114423-97-C13-OCDC	107 PERCENT	Y		1861839	Yes	N	1	N	A962867	19
3268-87-9 Octa CDD	3000 PG/G	Y	20	1861839	Yes	N	1	0.2 N	A962867	19
39001-02-C Octa CDF	15.5 PG/G	Y	20 J	1861839	Yes	N	1	0.208 N	A962867	19
37871-00-4 Total Hepta	1170 PG/G	Y	0.125	1861839	Yes	N	1	0.125 N	A962867	19
38998-75-ε Total Hepta	47.3 PG/G	Y	0.127	1861839	Yes	N	1	0.127 N	A962867	19
34465-46-ε Total Hexa	142 PG/G	Y	0.126	1861839	Yes	N	1	0.126 N	A962867	19
55684-94-1 Total Hexa	25 PG/G	Y	0.105	1861839	Yes	N	1	0.105 N	A962867	19
36088-22-ε Total Penta	6.06 PG/G	Y	0.115	1861839	Yes	N	1	0.115 N	A962867	19
30402-15-4 Total Penta	5.19 PG/G	Y	0.127	1861839	Yes	N	1	0.127 N	A962867	19
41903-57-ε Total Tetra	1.55 PG/G	Y	0.127	1861839	Yes	N	1	0.127 N	A962867	19
55722-27-ε Total Tetra	1.11 PG/G	Y	0.109	1861839	Yes	N	1	0.109 N	A962867	19
TEQEO 2378-TCDF	10.1 PG/G	Y			Yes	N	1	N	A962867	19
35822-46-ε 1,2,3,4,6,7,	94 PG/G	Y	10	1852547	Yes	N	1	0.162 N	A962867	
67562-39-41,2,3,4,6,7,	93 PG/G	Y	10	1852547	Yes	N	1	0.162 N	A962867	
55673-89-71,2,3,4,7,8,	95 PG/G	Y	10	1852547	Yes	N	1	0.182 N	A962867	
39227-28-ε 1,2,3,4,7,8-	109 PG/G	Y	10	1852547	Yes	N	1	0.132 N	A962867	
70648-26-ε 1,2,3,4,7,8-	103 PG/G	Y	10	1852547	Yes	N	1	0.136 N	A962867	
57653-85-71,2,3,6,7,8-	97 PG/G	Y	10	1852547	Yes	N	1	0.14 N	A962867	
57117-44-ε 1,2,3,6,7,8-	97 PG/G	Y	10	1852547	Yes	N	1	0.147 N	A962867	
19408-74-ε 1,2,3,7,8,9-	107 PG/G	Y	10	1852547	Yes	N	1	0.137 N	A962867	
72918-21-ε 1,2,3,7,8,9-	97 PG/G	Y	10	1852547	Yes	N	1	0.139 N	A962867	
40321-76-41,2,3,7,8-P	101 PG/G	Y	10	1852547	Yes	N	1	0.157 N	A962867	
57117-41-ε 1,2,3,7,8-P	103 PG/G	Y	10	1852547	Yes	N	1	0.212 N	A962867	
60851-34-ε 2,3,4,6,7,8-	97 PG/G	Y	10	1852547	Yes	N	1	0.139 N	A962867	
57117-31-42,3,4,7,8-P	100 PG/G	Y	10	1852547	Yes	N	1	0.201 N	A962867	
TCDD-TEC 2,3,7,8-Tet	90 PG/G	Y	2	1852547	Yes	N	1	0.264 N	A962867	
51207-31-ε 2,3,7,8-Tet	81 PG/G	Y	2	1852547	Yes	N	1	0.194 N	A962867	

85508-50-ε37CL4 237	29 PERCENT Y		1852547	Yes	N	1	N	A962867
109719-83-C13-12346	99 PERCENT Y		1852547	Yes	N	1	N	A962867
109719-84-C13-12346	93 PERCENT Y		1852547	Yes	N	1	N	A962867
109719-80-C13-12347	86 PERCENT Y		1852547	Yes	N	1	N	A962867
114423-98-C13-12347	84 PERCENT Y		1852547	Yes	N	1	N	A962867
109719-94-C13-12347	98 PERCENT Y		1852547	Yes	N	1	N	A962867
109719-81-C13-12367	94 PERCENT Y		1852547	Yes	N	1	N	A962867
116843-03-C13-12367	84 PERCENT Y		1852547	Yes	N	1	N	A962867
109719-79-C13-12378	93 PERCENT Y		1852547	Yes	N	1	N	A962867
109719-77-C13-12378	64 PERCENT Y		1852547	Yes	N	1	N	A962867
116843-04-C13-12378	83 PERCENT Y		1852547	Yes	N	1	N	A962867
116843-05-C13-23467	82 PERCENT Y		1852547	Yes	N	1	N	A962867
116843-02-C13-23478	86 PERCENT Y		1852547	Yes	N	1	N	A962867
76523-40-εC13-2378	30 PERCENT Y		1852547	Yes	N	1	N	A962867
89059-46-1C13-2378	39 PERCENT Y		1852547	Yes	N	1	N	A962867
114423-97-C13-OCDC	112 PERCENT Y		1852547	Yes	N	1	N	A962867
3268-87-9 Octa CDD	97 PG/G Y	20	1852547	Yes	N	1	0.244 N	A962867
39001-02-C Octa CDF	95 PG/G Y	20	1852547	Yes	N	1	0.201 N	A962867
37871-00-4 Total Hepta	184 PG/G Y	0.162	1852547	Yes	N	1	0.162 N	A962867
38998-75-ε Total Hepta	361 PG/G Y	0.172	1852547	Yes	N	1	0.172 N	A962867
34465-46-ε Total Hexa	600 PG/G Y	0.138	1852547	Yes	N	1	0.138 N	A962867
55684-94-1 Total Hexa	754 PG/G Y	0.14	1852547	Yes	N	1	0.14 N	A962867
36088-22-ε Total Penta	194 PG/G Y	0.157	1852547	Yes	N	1	0.157 N	A962867
30402-15-4 Total Penta	392 PG/G Y	0.206	1852547	Yes	N	1	0.206 N	A962867
41903-57-ε Total Tetra	34 PG/G Y	0.264	1852547	Yes	N	1	0.264 N	A962867
55722-27-ε Total Tetra	33 PG/G Y	0.194	1852547	Yes	N	1	0.194 N	A962867
35822-46-ε 1,2,3,4,6,7,	94 PG/G Y	10	1852547	Yes	N	1	0.217 N	A962867
67562-39-4 1,2,3,4,6,7,	95 PG/G Y	10	1852547	Yes	N	1	0.112 N	A962867
55673-89-7 1,2,3,4,7,8,	95 PG/G Y	10	1852547	Yes	N	1	0.126 N	A962867
39227-28-ε 1,2,3,4,7,8-	110 PG/G Y	10	1852547	Yes	N	1	0.113 N	A962867
70648-26-ε 1,2,3,4,7,8-	102 PG/G Y	10	1852547	Yes	N	1	0.168 N	A962867
57653-85-7 1,2,3,6,7,8-	92 PG/G Y	10	1852547	Yes	N	1	0.12 N	A962867
57117-44-ε 1,2,3,6,7,8-	97 PG/G Y	10	1852547	Yes	N	1	0.181 N	A962867
19408-74-ε 1,2,3,7,8,9-	105 PG/G Y	10	1852547	Yes	N	1	0.117 N	A962867
72918-21-ε 1,2,3,7,8,9-	103 PG/G Y	10	1852547	Yes	N	1	0.171 N	A962867
40321-76-4 1,2,3,7,8-P	102 PG/G Y	10	1852547	Yes	N	1	0.166 N	A962867
57117-41-ε 1,2,3,7,8-P	104 PG/G Y	10	1852547	Yes	N	1	0.15 N	A962867
60851-34-ε 2,3,4,6,7,8-	97 PG/G Y	10	1852547	Yes	N	1	0.171 N	A962867
57117-31-4 2,3,4,7,8-P	103 PG/G Y	10	1852547	Yes	N	1	0.142 N	A962867
TCDD-TEC 2,3,7,8-Tet	91 PG/G Y	2	1852547	Yes	N	1	0.166 N	A962867
51207-31-ε 2,3,7,8-Tet	86 PG/G Y	2	1852547	Yes	N	1	0.126 N	A962867
85508-50-ε37CL4 237	65 PERCENT Y		1852547	Yes	N	1	N	A962867
109719-83-C13-12346	97 PERCENT Y		1852547	Yes	N	1	N	A962867
109719-84-C13-12346	92 PERCENT Y		1852547	Yes	N	1	N	A962867
109719-80-C13-12347	91 PERCENT Y		1852547	Yes	N	1	N	A962867
114423-98-C13-12347	93 PERCENT Y		1852547	Yes	N	1	N	A962867
109719-94-C13-12347	95 PERCENT Y		1852547	Yes	N	1	N	A962867
109719-81-C13-12367	98 PERCENT Y		1852547	Yes	N	1	N	A962867
116843-03-C13-12367	91 PERCENT Y		1852547	Yes	N	1	N	A962867
109719-79-C13-12378	113 PERCENT Y		1852547	Yes	N	1	N	A962867

109719-77-C13-12378	86 PERCENT Y		1852547	Yes	N	1	N	A962867
116843-04-C13-12378	88 PERCENT Y		1852547	Yes	N	1	N	A962867
116843-05-C13-23467	87 PERCENT Y		1852547	Yes	N	1	N	A962867
116843-02-C13-23478	97 PERCENT Y		1852547	Yes	N	1	N	A962867
76523-40-€C13-2378	69 PERCENT Y		1852547	Yes	N	1	N	A962867
89059-46-1C13-2378	75 PERCENT Y		1852547	Yes	N	1	N	A962867
114423-97-C13-OCDC	106 PERCENT Y		1852547	Yes	N	1	N	A962867
3268-87-9 Octa CDD	96 PG/G Y	20	1852547	Yes	N	1	0.218 N	A962867
39001-02-C Octa CDF	94 PG/G Y	20	1852547	Yes	N	1	0.259 N	A962867
37871-00-4 Total Hepta	182 PG/G Y	0.217	1852547	Yes	N	1	0.217 N	A962867
38998-75-€ Total Hepta	364 PG/G Y	0.118	1852547	Yes	N	1	0.118 N	A962867
34465-46-€ Total Hexa	588 PG/G Y	0.118	1852547	Yes	N	1	0.118 N	A962867
55684-94-1 Total Hexa	763 PG/G Y	0.173	1852547	Yes	N	1	0.173 N	A962867
36088-22-€ Total Penta	196 PG/G Y	0.166	1852547	Yes	N	1	0.166 N	A962867
30402-15-4 Total Penta	401 PG/G Y	0.146	1852547	Yes	N	1	0.146 N	A962867
41903-57-€ Total Tetra	35 PG/G Y	0.166	1852547	Yes	N	1	0.166 N	A962867
55722-27-€ Total Tetra	37 PG/G Y	0.126	1852547	Yes	N	1	0.126 N	A962867
35822-46-€ 1,2,3,4,6,7,	99 PG/G Y	10	1852547	Yes	N	1	0.159 N	A962867
35822-46-€ 1,2,3,4,6,7,	95 PG/G Y	10	1861839	Yes	N	1	0.116 N	A962867
67562-39-4 1,2,3,4,6,7,	106 PG/G Y	10	1861839	Yes	N	1	0.116 N	A962867
67562-39-4 1,2,3,4,6,7,	111 PG/G Y	10	1852547	Yes	N	1	0.158 N	A962867
55673-89-7 1,2,3,4,7,8,	100 PG/G Y	10	1852547	Yes	N	1	0.177 N	A962867
55673-89-7 1,2,3,4,7,8,	98 PG/G Y	10	1861839	Yes	N	1	0.13 N	A962867
39227-28-€ 1,2,3,4,7,8-	113 PG/G Y	10	1861839	Yes	N	1	0.111 N	A962867
39227-28-€ 1,2,3,4,7,8-	110 PG/G Y	10	1852547	Yes	N	1	0.224 N	A962867
70648-26-€ 1,2,3,4,7,8-	104 PG/G Y	10	1852547	Yes	N	1	0.206 N	A962867
70648-26-€ 1,2,3,4,7,8-	104 PG/G Y	10	1861839	Yes	N	1	0.138 N	A962867
57653-85-7 1,2,3,6,7,8-	99 PG/G Y	10	1861839	Yes	N	1	0.118 N	A962867
57653-85-7 1,2,3,6,7,8-	91 PG/G Y	10	1852547	Yes	N	1	0.238 N	A962867
57117-44-€ 1,2,3,6,7,8-	101 PG/G Y	10	1852547	Yes	N	1	0.222 N	A962867
57117-44-€ 1,2,3,6,7,8-	100 PG/G Y	10	1861839	Yes	N	1	0.148 N	A962867
19408-74-€ 1,2,3,7,8,9-	104 PG/G Y	10	1861839	Yes	N	1	0.115 N	A962867
19408-74-€ 1,2,3,7,8,9-	104 PG/G Y	10	1852547	Yes	N	1	0.232 N	A962867
72918-21-€ 1,2,3,7,8,9-	98 PG/G Y	10	1852547	Yes	N	1	0.21 N	A962867
72918-21-€ 1,2,3,7,8,9-	98 PG/G Y	10	1861839	Yes	N	1	0.141 N	A962867
40321-76-4 1,2,3,7,8-P	102 PG/G Y	10	1861839	Yes	N	1	0.126 N	A962867
40321-76-4 1,2,3,7,8-P	103 PG/G Y	10	1852547	Yes	N	1	0.223 N	A962867
57117-41-€ 1,2,3,7,8-P	103 PG/G Y	10	1852547	Yes	N	1	0.192 N	A962867
57117-41-€ 1,2,3,7,8-P	105 PG/G Y	10	1861839	Yes	N	1	0.132 N	A962867
60851-34-€ 2,3,4,6,7,8-	99 PG/G Y	10	1861839	Yes	N	1	0.14 N	A962867
60851-34-€ 2,3,4,6,7,8-	97 PG/G Y	10	1852547	Yes	N	1	0.21 N	A962867
57117-31-4 2,3,4,7,8-P	102 PG/G Y	10	1852547	Yes	N	1	0.183 N	A962867
57117-31-4 2,3,4,7,8-P	110 PG/G Y	10	1861839	Yes	N	1	0.125 N	A962867
TCDD-TEC 2,3,7,8-Tet	89 PG/G Y	2	1861839	Yes	N	1	0.119 N	A962867
TCDD-TEC 2,3,7,8-Tet	91 PG/G Y	2	1852547	Yes	N	1	0.171 N	A962867
51207-31-€ 2,3,7,8-Tet	87 PG/G Y	2	1852547	Yes	N	1	0.184 N	A962867
51207-31-€ 2,3,7,8-Tet	85 PG/G Y	2	1861839	Yes	N	1	0.132 N	A962867
85508-50-€ 37CL4 237	35 PERCENT Y		1861839	Yes	N	1	N	A962867
85508-50-€ 37CL4 237	73 PERCENT Y		1852547	Yes	N	1	N	A962867
109719-83-C13-12346	101 PERCENT Y		1852547	Yes	N	1	N	A962867

109719-83-C13-12346	98 PERCENT Y		1861839	Yes	N	1	N	A962867
109719-84-C13-12346	107 PERCENT Y		1861839	Yes	N	1	N	A962867
109719-84-C13-12346	98 PERCENT Y		1852547	Yes	N	1	N	A962867
109719-80-C13-12347	93 PERCENT Y		1852547	Yes	N	1	N	A962867
109719-80-C13-12347	92 PERCENT Y		1861839	Yes	N	1	N	A962867
114423-98-C13-12347	100 PERCENT Y		1861839	Yes	N	1	N	A962867
114423-98-C13-12347	96 PERCENT Y		1852547	Yes	N	1	N	A962867
109719-94-C13-12347	98 PERCENT Y		1852547	Yes	N	1	N	A962867
109719-94-C13-12347	104 PERCENT Y		1861839	Yes	N	1	N	A962867
109719-81-C13-12367	102 PERCENT Y		1861839	Yes	N	1	N	A962867
109719-81-C13-12367	100 PERCENT Y		1852547	Yes	N	1	N	A962867
116843-03-C13-12367	93 PERCENT Y		1852547	Yes	N	1	N	A962867
116843-03-C13-12367	96 PERCENT Y		1861839	Yes	N	1	N	A962867
109719-79-C13-12378	103 PERCENT Y		1861839	Yes	N	1	N	A962867
109719-79-C13-12378	98 PERCENT Y		1852547	Yes	N	1	N	A962867
109719-77-C13-12378	89 PERCENT Y		1852547	Yes	N	1	N	A962867
109719-77-C13-12378	86 PERCENT Y		1861839	Yes	N	1	N	A962867
116843-04-C13-12378	93 PERCENT Y		1861839	Yes	N	1	N	A962867
116843-04-C13-12378	91 PERCENT Y		1852547	Yes	N	1	N	A962867
116843-05-C13-23467	91 PERCENT Y		1852547	Yes	N	1	N	A962867
116843-05-C13-23467	93 PERCENT Y		1861839	Yes	N	1	N	A962867
116843-02-C13-23478	103 PERCENT Y		1861839	Yes	N	1	N	A962867
116843-02-C13-23478	92 PERCENT Y		1852547	Yes	N	1	N	A962867
76523-40-ε C13-2378	79 PERCENT Y		1852547	Yes	N	1	N	A962867
76523-40-ε C13-2378	36 PERCENT Y		1861839	Yes	N	1	N	A962867
89059-46-1C13-2378	55 PERCENT Y		1861839	Yes	N	1	N	A962867
89059-46-1C13-2378	82 PERCENT Y		1852547	Yes	N	1	N	A962867
114423-97-C13-OCDC	116 PERCENT Y		1852547	Yes	N	1	N	A962867
114423-97-C13-OCDC	101 PERCENT Y		1861839	Yes	N	1	N	A962867
3268-87-9 Octa CDD	97 PG/G Y	20	1852547	Yes	N	1	0.258 N	A962867
3268-87-9 Octa CDD	102 PG/G Y	20	1861839	Yes	N	1	0.301 N	A962867
39001-02-C Octa CDF	108 PG/G Y	20	1861839	Yes	N	1	0.261 N	A962867
39001-02-C Octa CDF	97 PG/G Y	20	1852547	Yes	N	1	0.211 N	A962867
35822-46-ε 1,2,3,4,6,7,	0.153 PG/G N	10 U	1852547	Yes	N	1	0.153 N	A962867
35822-46-ε 1,2,3,4,6,7,	0.152 PG/G Y	10 J	1861839	Yes	N	1	0.101 N	A962867
67562-39-4 1,2,3,4,6,7,	0.359 PG/G N	10 U	1861839	Yes	N	1	0.359 N	A962867
67562-39-4 1,2,3,4,6,7,	0.234 PG/G N	10 U	1852547	Yes	N	1	0.234 N	A962867
55673-89-7 1,2,3,4,7,8,	0.166 PG/G N	10 U	1852547	Yes	N	1	0.166 N	A962867
55673-89-7 1,2,3,4,7,8,	0.71 PG/G N	10 U	1861839	Yes	N	1	0.71 N	A962867
39227-28-ε 1,2,3,4,7,8,	0.0976 PG/G N	10 U	1861839	Yes	N	1	0.0976 N	A962867
39227-28-ε 1,2,3,4,7,8,	0.13 PG/G N	10 U	1852547	Yes	N	1	0.13 N	A962867
70648-26-ε 1,2,3,4,7,8,	0.119 PG/G N	10 U	1852547	Yes	N	1	0.119 N	A962867
70648-26-ε 1,2,3,4,7,8,	0.101 PG/G N	10 U	1861839	Yes	N	1	0.101 N	A962867
57653-85-7 1,2,3,6,7,8,	0.104 PG/G N	10 U	1861839	Yes	N	1	0.104 N	A962867
57653-85-7 1,2,3,6,7,8,	0.139 PG/G N	10 U	1852547	Yes	N	1	0.139 N	A962867
57117-44-ε 1,2,3,6,7,8,	0.128 PG/G N	10 U	1852547	Yes	N	1	0.128 N	A962867
57117-44-ε 1,2,3,6,7,8,	0.109 PG/G N	10 U	1861839	Yes	N	1	0.109 N	A962867
19408-74-ε 1,2,3,7,8,9,	0.101 PG/G N	10 U	1861839	Yes	N	1	0.101 N	A962867
19408-74-ε 1,2,3,7,8,9,	0.135 PG/G N	10 U	1852547	Yes	N	1	0.135 N	A962867
72918-21-ε 1,2,3,7,8,9,	0.122 PG/G N	10 U	1852547	Yes	N	1	0.122 N	A962867

72918-21-ε 1,2,3,7,8,9-	0.132 PG/G	Y	10 J	1861839	Yes	N	1	0.104 N	A962867
40321-76-41,2,3,7,8-P	0.117 PG/G	N	10 U	1861839	Yes	N	1	0.117 N	A962867
40321-76-41,2,3,7,8-P	0.16 PG/G	N	10 U	1852547	Yes	N	1	0.16 N	A962867
57117-41-ε 1,2,3,7,8-P	0.142 PG/G	N	10 U	1852547	Yes	N	1	0.142 N	A962867
57117-41-ε 1,2,3,7,8-P	0.11 PG/G	N	10 U	1861839	Yes	N	1	0.11 N	A962867
60851-34-ε 2,3,4,6,7,8-	0.103 PG/G	N	10 U	1861839	Yes	N	1	0.103 N	A962867
60851-34-ε 2,3,4,6,7,8-	0.121 PG/G	N	10 U	1852547	Yes	N	1	0.121 N	A962867
57117-31-42,3,4,7,8-P	0.24 PG/G	Y	10 J	1852547	Yes	N	1	0.135 N	A962867
57117-31-42,3,4,7,8-P	0.218 PG/G	Y	10 J	1861839	Yes	N	1	0.104 N	A962867
TCDD-TEC 2,3,7,8-Tet	0.105 PG/G	N	2 U	1861839	Yes	N	1	0.105 N	A962867
TCDD-TEC 2,3,7,8-Tet	0.16 PG/G	N	2 U	1852547	Yes	N	1	0.16 N	A962867
51207-31-ε 2,3,7,8-Tet	0.268 PG/G	Y	2 J	1852547	Yes	N	1	0.134 N	A962867
51207-31-ε 2,3,7,8-Tet	0.19 PG/G	Y	2 J	1861839	Yes	N	1	0.109 N	A962867
85508-50-ε 37CL4 237	94 PERCENT	Y		1861839	Yes	N	1	N	A962867
85508-50-ε 37CL4 237	82 PERCENT	Y		1852547	Yes	N	1	N	A962867
109719-83-C13-12346	102 PERCENT	Y		1852547	Yes	N	1	N	A962867
109719-83-C13-12346	85 PERCENT	Y		1861839	Yes	N	1	N	A962867
109719-84-C13-12346	90 PERCENT	Y		1861839	Yes	N	1	N	A962867
109719-84-C13-12346	91 PERCENT	Y		1852547	Yes	N	1	N	A962867
109719-80-C13-12347	94 PERCENT	Y		1852547	Yes	N	1	N	A962867
109719-80-C13-12347	91 PERCENT	Y		1861839	Yes	N	1	N	A962867
114423-98-C13-12347	99 PERCENT	Y		1861839	Yes	N	1	N	A962867
114423-98-C13-12347	96 PERCENT	Y		1852547	Yes	N	1	N	A962867
109719-94-C13-12347	90 PERCENT	Y		1852547	Yes	N	1	N	A962867
109719-94-C13-12347	84 PERCENT	Y		1861839	Yes	N	1	N	A962867
109719-81-C13-12367	98 PERCENT	Y		1861839	Yes	N	1	N	A962867
109719-81-C13-12367	102 PERCENT	Y		1852547	Yes	N	1	N	A962867
116843-03-C13-12367	96 PERCENT	Y		1852547	Yes	N	1	N	A962867
116843-03-C13-12367	99 PERCENT	Y		1861839	Yes	N	1	N	A962867
109719-79-C13-12378	87 PERCENT	Y		1861839	Yes	N	1	N	A962867
109719-79-C13-12378	106 PERCENT	Y		1852547	Yes	N	1	N	A962867
109719-77-C13-12378	92 PERCENT	Y		1852547	Yes	N	1	N	A962867
109719-77-C13-12378	79 PERCENT	Y		1861839	Yes	N	1	N	A962867
116843-04-C13-12378	88 PERCENT	Y		1861839	Yes	N	1	N	A962867
116843-04-C13-12378	90 PERCENT	Y		1852547	Yes	N	1	N	A962867
116843-05-C13-23467	91 PERCENT	Y		1852547	Yes	N	1	N	A962867
116843-05-C13-23467	91 PERCENT	Y		1861839	Yes	N	1	N	A962867
116843-02-C13-23478	83 PERCENT	Y		1861839	Yes	N	1	N	A962867
116843-02-C13-23478	94 PERCENT	Y		1852547	Yes	N	1	N	A962867
76523-40-ε C13-2378	89 PERCENT	Y		1852547	Yes	N	1	N	A962867
76523-40-ε C13-2378	89 PERCENT	Y		1861839	Yes	N	1	N	A962867
89059-46-1C13-2378	85 PERCENT	Y		1861839	Yes	N	1	N	A962867
89059-46-1C13-2378	90 PERCENT	Y		1852547	Yes	N	1	N	A962867
114423-97-C13-OCDC	102 PERCENT	Y		1852547	Yes	N	1	N	A962867
114423-97-C13-OCDC	79 PERCENT	Y		1861839	Yes	N	1	N	A962867
3268-87-9 Octa CDD	0.382 PG/G	Y	20 J	1861839	Yes	N	1	0.297 N	A962867
3268-87-9 Octa CDD	0.474 PG/G	Y	20 J	1852547	Yes	N	1	0.206 N	A962867
39001-02-C Octa CDF	0.213 PG/G	N	20 U	1852547	Yes	N	1	0.213 N	A962867
39001-02-C Octa CDF	0.202 PG/G	N	20 U	1861839	Yes	N	1	0.202 N	A962867
37871-00-4 Total Heptc	0.152 PG/G	Y	0.101	1861839	Yes	N	1	0.101 N	A962867

37871-00-4 Total Hepta	0.153 PG/G	N	0.153 U	1852547	Yes	N	1	0.153 N	A962867
38998-75-3 Total Hepta	0.234 PG/G	N	0.234 U	1852547	Yes	N	1	0.234 N	A962867
38998-75-3 Total Hepta	0.111 PG/G	N	0.111 U	1861839	Yes	N	1	0.111 N	A962867
34465-46-8 Total Hexa	0.102 PG/G	N	0.102 U	1861839	Yes	N	1	0.102 N	A962867
34465-46-8 Total Hexa	0.136 PG/G	N	0.136 U	1852547	Yes	N	1	0.136 N	A962867
55684-94-1 Total Hexa	0.123 PG/G	N	0.123 U	1852547	Yes	N	1	0.123 N	A962867
55684-94-1 Total Hexa	0.132 PG/G	Y	0.104	1861839	Yes	N	1	0.104 N	A962867
36088-22-9 Total Penta	0.247 PG/G	N	0.247 U	1861839	Yes	N	1	0.247 N	A962867
36088-22-9 Total Penta	0.16 PG/G	N	0.16 U	1852547	Yes	N	1	0.16 N	A962867
30402-15-4 Total Penta	0.24 PG/G	Y	0.139	1852547	Yes	N	1	0.139 N	A962867
30402-15-4 Total Penta	0.218 PG/G	Y	0.107	1861839	Yes	N	1	0.107 N	A962867
41903-57-8 Total Tetra	0.105 PG/G	N	0.105 U	1861839	Yes	N	1	0.105 N	A962867
41903-57-8 Total Tetra	0.16 PG/G	N	0.16 U	1852547	Yes	N	1	0.16 N	A962867
55722-27-8 Total Tetra	0.473 PG/G	Y	0.134	1852547	Yes	N	1	0.134 N	A962867
55722-27-8 Total Tetra	0.608 PG/G	Y	0.109	1861839	Yes	N	1	0.109 N	A962867

L406037

SLR International Corp. - West Linn, OR

SLRWLOR-BAYWOOD

Billing Information: SLR International Corp. Accounts Payable 1800 Blankenship Rd, Ste 440 West Linn, OR 97068

Report to: Chris Kramer Email to: ckramer@slrcorp.com, smiller@slrcorp.com

Analysis/Container/Preservative

Chain of Custody Page ___ of ___



12065 Lebanon Road Mt. Juliet, TN 37122

Phone: (800) 767-5859 Phone: (615) 758-5858 Fax: (615) 758-5859

F042

CoCode SLRWLOR (lab use only)

Template/Prelogin

Shipped Via:

Remarks/Contaminant Sample # (lab only)

Project Description: Bay Wood Project - Everett, WA City/State Collected: Everett, WA Client Project #: 008.0339.00001 ESC Key: SLRWLOR-BAYWOOD

Phone: 503-723-4423 FAX: 503-723-4436 Collected by: C. Kramer Site/Facility ID#: P.O.#:

Collected by (signature): [Signature] Date Results Needed: [] Same Day .200% [] Next Day 100% [] Two Day 50% [] Three Day 25% Email? [] No [] Yes FAX? [] No [] Yes

Immediately Packed on Ice N Y

Table with columns for HClD, Priority Pollutant Metals = M6010PP, PAHs = SV8270PAHSIM, VOCs Full List = GW-V8260, SS-V8260LL, PCBs = SV8082, SVOCs Full List = SV8270PCP, Dioxins/Furans - HOLD

Main data table with columns: Sample ID, Comp/Grab, Matrix, Depth, Date, Time, Cntrs, HClD, Priority Pollutant Metals, PAHs, VOCs, PCBs, SVOCs, Dioxins/Furans

Handwritten notes: HOLD, For Possible Follow-up, Sample # 463980, 2/03-23/04, 01-05/06, 05/06-07/08, 07-08/10, 08/08-11/08, 10-13/14, 11/10-15/16

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

Remarks: 4632 6262 8528 4632 6262 8506 4632 6262 8491 4632 6262 8480 pH Temp Flow Other

Relinquished by (Signature) Date Time Received by (Signature) Samples returned via: [] UPS [] FedEx [] Courier [] Other Temp: 3.6 Bottles Received: 70 Condition: [] Y [] N [] NA CoC seals intact: [] Y [] N [] NA Date: 5/22/09 Time: 0900 pH Checked: <2 NCF:

Jonah Huckabay

L406037

From: Mark Beasley
Sent: Friday, June 05, 2009 10:06 AM
To: Login; Sample Storage
Cc: Jarred Willis; Subouts
Subject: L403980 *SLRWLOR* relog

Relog L403980-10 for MISC-SUB. This is getting subbed out for Dioxins and Furans method 1613B. Refer to L404399 w/ questions.

Thanks
Mark Beasley
ESC Lab Sciences
Direct Phone: (615) 773-9672
Toll-free: 1-800-767-5859 ext 9672
Email: mbeasley@esclabsciences.com

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Your P.O. #: S11917-S11919



Your Project #: L406037
Your C.O.C. #: na

Attention: Janice Cozby
Environmental Science Corp
TN
12065 Lebanon Rd
Mt Juliet, TN
USA TN 37122

Report Date: 2009/07/15

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: A968831
Received: 2009/06/09, 13:02

Sample Matrix: Soil
Samples Received: 1

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Method Reference
Dioxins/Furans in Soil (1613B) (1)	1	2009/06/28	2009/07/07	BRL SOP-00410	EPA 1613B mod.
MOISTURE	1	N/A	2009/06/15	CAM SOP-00445	McKeague 2nd ed 1978

(1) Soils are reported on a dry weight basis unless otherwise specified.

Confirmatory runs for 2,3,7,8-TCDF are performed only if the primary result is greater than the RDL.

MAXXAM ANALYTICS

ANCY SEBASTIAN, C.Tech.
Senior Project Manager, Air Toxics

AMS/ams
encl.

Validated by : 
EDMOND MCNEIL, B.Sc.(Hons), C.Chem.
Senior Scientific Specialist, HRMS Services

Maxxam Analytics Inc. is a NELAC accredited laboratory. Certificate # CANA001. Use of the NELAC logo however does not insure that

Your P.O. #: S11917-S11919



Your Project #: L406037

Your C.O.C. #: na

Attention: Janice Cozby

Environmental Science Corp

TN

12065 Lebanon Rd

Mt Juliet, TN

USA TN 37122

Report Date: 2009/07/15

CERTIFICATE OF ANALYSIS

-2-

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Total cover pages: 2

Page 2 of 12

Maxxam Job #: A968831
 Report Date: 2009/07/15

Environmental Science Corp
 Client Project #: L406037

Your P.O. #: S11917-S11919

RESULTS OF ANALYSES OF SOIL

Maxxam ID		CS4551			
Sampling Date		2009/05/21 09:45			
COC Number		na			
	Units	L406037-01	DL	QC Batch	MDL

Moisture	%	18	0.2	1846951	0.2
----------	---	----	-----	---------	-----

RDL = Reportable Detection Limit
 QC Batch = Quality Control Batch

Maxxam Job #: A968831
 Report Date: 2009/07/15

 Environmental Science Corp
 Client Project #: L406037

Your P.O. #: S11917-S11919

DIOXINS AND FURANS BY HRMS (SOIL)

Maxxam ID		CS4551						
Sampling Date		2009/05/21 09:45						
COC Number		na		TOXIC EQUIVALENCY		# of		
	Units	L406037-01	EDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch	RDL

2,3,7,8-Tetra CDD *	pg/g	<0.142	0.142	1.00	0.142	N/A	1861839	2.00
1,2,3,7,8-Penta CDD	pg/g	<0.166	0.166	1.00	0.166	N/A	1861839	10.0
1,2,3,4,7,8-Hexa CDD	pg/g	<0.170	0.170	0.100	0.0170	N/A	1861839	10.0
1,2,3,6,7,8-Hexa CDD	pg/g	2.13	0.181	0.100	0.213	N/A	1861839	10.0
1,2,3,7,8,9-Hexa CDD	pg/g	0.761	0.176	0.100	0.0761	N/A	1861839	10.0
1,2,3,4,6,7,8-Hepta CDD	pg/g	59.3	0.141	0.0100	0.593	N/A	1861839	10.0
Octa CDD	pg/g	587	0.225	0.000300	0.176	N/A	1861839	20.0
Total Tetra CDD	pg/g	0.375	0.142	N/A	N/A	N/A	1861839	N/A
Total Penta CDD	pg/g	<0.166	0.166	N/A	N/A	N/A	1861839	N/A
Total Hexa CDD	pg/g	11.6	0.178	N/A	N/A	N/A	1861839	N/A
Total Hepta CDD	pg/g	106	0.141	N/A	N/A	N/A	1861839	N/A
2,3,7,8-Tetra CDF **	pg/g	0.478	0.181	0.100	0.0478	N/A	1861839	2.00
1,2,3,7,8-Penta CDF	pg/g	<0.157	0.157	0.0300	0.00471	N/A	1861839	10.0
2,3,4,7,8-Penta CDF	pg/g	0.284	0.149	0.300	0.0852	N/A	1861839	10.0
1,2,3,4,7,8-Hexa CDF	pg/g	0.554	0.161	0.100	0.0554	N/A	1861839	10.0
1,2,3,6,7,8-Hexa CDF	pg/g	0.360	0.173	0.100	0.0360	N/A	1861839	10.0
2,3,4,6,7,8-Hexa CDF	pg/g	<0.224 (1)	0.224	0.100	0.0224	N/A	1861839	10.0
1,2,3,7,8,9-Hexa CDF	pg/g	<0.164	0.164	0.100	0.0164	N/A	1861839	10.0
1,2,3,4,6,7,8-Hepta CDF	pg/g	<10.7 (1)	10.7	0.0100	0.107	N/A	1861839	10.0
1,2,3,4,7,8,9-Hepta CDF	pg/g	0.549	0.149	0.0100	0.00549	N/A	1861839	10.0
Octa CDF	pg/g	32.9	0.301	0.000300	0.00987	N/A	1861839	20.0
Total Tetra CDF	pg/g	0.944	0.181	N/A	N/A	N/A	1861839	N/A
Total Penta CDF	pg/g	3.46	0.153	N/A	N/A	N/A	1861839	N/A
Total Hexa CDF	pg/g	15.6	0.166	N/A	N/A	N/A	1861839	N/A
Total Hepta CDF	pg/g	24.5	0.141	N/A	N/A	N/A	1861839	N/A
TOTAL TOXIC EQUIVALENCY	pg/g	N/A	N/A	N/A	1.77	N/A	N/A	N/A

N/A = Not Applicable

RDL = Reportable Detection Limit

EDL = Estimated Detection Limit

QC Batch = Quality Control Batch

* CDD = Chloro Dibenzo-p-Dioxin, ** CDF = Chloro Dibenzo-p-Furan

TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,

The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.

EDL = Estimated Detection Limit

WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and

Dioxin-like Compounds

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

Maxxam Job #: A968831
 Report Date: 2009/07/15

Environmental Science Corp
 Client Project #: L406037

Your P.O. #: S11917-S11919

DIOXINS AND FURANS BY HRMS (SOIL)

Maxxam ID		CS4551						
Sampling Date		2009/05/21 09:45						
COC Number		na		TOXIC EQUIVALENCY			# of	
	Units	L406037-01	EDL	TEF (2005 WHO)	TEQ(DL)	Isomers	QC Batch	RDL

Surrogate Recovery (%)								
37CL4 2378 Tetra CDD *	%	69	N/A	N/A	N/A	N/A	1861839	N/A
C13-1234678 HeptaCDD	%	103	N/A	N/A	N/A	N/A	1861839	N/A
C13-1234678 HeptaCDF **	%	102	N/A	N/A	N/A	N/A	1861839	N/A
C13-123478 HexaCDD	%	95	N/A	N/A	N/A	N/A	1861839	N/A
C13-123478 HexaCDF	%	98	N/A	N/A	N/A	N/A	1861839	N/A
C13-1234789 HeptaCDF	%	98	N/A	N/A	N/A	N/A	1861839	N/A
C13-123678 HexaCDD	%	97	N/A	N/A	N/A	N/A	1861839	N/A
C13-123678 HexaCDF	%	95	N/A	N/A	N/A	N/A	1861839	N/A
C13-12378 PentaCDD	%	96	N/A	N/A	N/A	N/A	1861839	N/A
C13-12378 PentaCDF	%	73	N/A	N/A	N/A	N/A	1861839	N/A
C13-123789 HexaCDF	%	90	N/A	N/A	N/A	N/A	1861839	N/A
C13-234678 HexaCDF	%	92	N/A	N/A	N/A	N/A	1861839	N/A
C13-23478 PentaCDF	%	80	N/A	N/A	N/A	N/A	1861839	N/A
C13-2378 TetraCDD	%	75	N/A	N/A	N/A	N/A	1861839	N/A
C13-2378 TetraCDF	%	67	N/A	N/A	N/A	N/A	1861839	N/A
C13-OCDD	%	106	N/A	N/A	N/A	N/A	1861839	N/A

N/A = Not Applicable
 RDL = Reportable Detection Limit
 QC Batch = Quality Control Batch
 * CDD = Chloro Dibenzo-p-Dioxin, ** CDF = Chloro Dibenzo-p-Furan
 TEF = Toxic Equivalency Factor, TEQ = Toxic Equivalency Quotient,
 The Total Toxic Equivalency (TEQ) value reported is the sum of Toxic Equivalent Quotients for the congeners tested.
 EDL = Estimated Detection Limit
 WHO(2005): The 2005 World Health Organization, Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-like Compounds

Maxxam Job #: A968831
Report Date: 2009/07/15

Environmental Science Corp
Client Project #: L406037

Your P.O. #: S11917-S11919

Test Summary

Maxxam ID CS4551
Sample ID L406037-01
Matrix Soil

Collected 2009/05/21
Shipped
Received 2009/06/09

Test Description	Instrumentation	Batch	Extracted	Analyzed	Analyst
Dioxins/Furans in Soil (1613B)	HRMS/MS	1861839	2009/06/28	2009/07/07	KKS
MOISTURE	BAL	1846951	N/A	2009/06/15	AC

Maxxam Job #: A968831
Report Date: 2009/07/15

Environmental Science Corp
Client Project #: L406037

Your P.O. #: S11917-S11919

GENERAL COMMENTS

Results relate only to the items tested.

Environmental Science Corp
 Attention: Janice Cozby
 Client Project #: L406037
 P.O. #: S11917-S11919
 Project name:

Quality Assurance Report
 Maxxam Job Number: GA968831

QA/QC Batch	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	%Recovery	Units	QC Limits
1846951 MYG	RPD - Sample/Sample Dup	Moisture	2009/06/15	1.7		%	50
1861839 KKS	MATRIX SPIKE	37CL4 2378 Tetra CDD	2009/07/06		73	%	35 - 197
	MATRIX SPIKE						
	DUP	37CL4 2378 Tetra CDD	2009/07/06		62	%	35 - 197
	MATRIX SPIKE	C13-1234678 HeptaCDD	2009/07/06		96	%	23 - 140
	MATRIX SPIKE						
	DUP	C13-1234678 HeptaCDD	2009/07/06		99	%	23 - 140
	MATRIX SPIKE	C13-1234678 HeptaCDF	2009/07/06		106	%	28 - 143
	MATRIX SPIKE						
	DUP	C13-1234678 HeptaCDF	2009/07/06		105	%	28 - 143
	MATRIX SPIKE	C13-123478 HexaCDD	2009/07/06		92	%	32 - 141
	MATRIX SPIKE						
	DUP	C13-123478 HexaCDD	2009/07/06		96	%	32 - 141
	MATRIX SPIKE	C13-123478 HexaCDF	2009/07/06		99	%	26 - 152
	MATRIX SPIKE						
	DUP	C13-123478 HexaCDF	2009/07/06		104	%	26 - 152
	MATRIX SPIKE	C13-1234789 HeptaCDF	2009/07/06		98	%	26 - 138
	MATRIX SPIKE						
	DUP	C13-1234789 HeptaCDF	2009/07/06		99	%	26 - 138
	MATRIX SPIKE	C13-123678 HexaCDD	2009/07/06		99	%	28 - 130
	MATRIX SPIKE						
	DUP	C13-123678 HexaCDD	2009/07/06		106	%	28 - 130
	MATRIX SPIKE	C13-123678 HexaCDF	2009/07/06		96	%	26 - 123
	MATRIX SPIKE						
	DUP	C13-123678 HexaCDF	2009/07/06		101	%	26 - 123
	MATRIX SPIKE	C13-12378 PentaCDD	2009/07/06		108	%	25 - 181
	MATRIX SPIKE						
	DUP	C13-12378 PentaCDD	2009/07/06		136	%	25 - 181
	MATRIX SPIKE	C13-12378 PentaCDF	2009/07/06		62	%	24 - 185
	MATRIX SPIKE						
	DUP	C13-12378 PentaCDF	2009/07/06		86	%	24 - 185
	MATRIX SPIKE	C13-123789 HexaCDF	2009/07/06		91	%	29 - 147
	MATRIX SPIKE						
	DUP	C13-123789 HexaCDF	2009/07/06		92	%	29 - 147
	MATRIX SPIKE	C13-234678 HexaCDF	2009/07/06		88	%	28 - 136
	MATRIX SPIKE						
	DUP	C13-234678 HexaCDF	2009/07/06		94	%	28 - 136
	MATRIX SPIKE	C13-23478 PentaCDF	2009/07/06		65	%	21 - 178
	MATRIX SPIKE						
	DUP	C13-23478 PentaCDF	2009/07/06		98	%	21 - 178
	MATRIX SPIKE	C13-2378 TetraCDD	2009/07/06		79	%	25 - 164
	MATRIX SPIKE						
	DUP	C13-2378 TetraCDD	2009/07/06		68	%	25 - 164
	MATRIX SPIKE	C13-2378 TetraCDF	2009/07/06		50	%	24 - 169
	MATRIX SPIKE						
	DUP	C13-2378 TetraCDF	2009/07/06		63	%	24 - 169
	MATRIX SPIKE	C13-OCDD	2009/07/06		104	%	17 - 157
	MATRIX SPIKE						
	DUP	C13-OCDD	2009/07/06		100	%	17 - 157
	MATRIX SPIKE	2,3,7,8-Tetra CDD	2009/07/06		92	%	67 - 158
	MATRIX SPIKE						
	DUP	2,3,7,8-Tetra CDD	2009/07/06		89	%	67 - 158
	MS/MSD RPD	2,3,7,8-Tetra CDD	2009/07/06	3.3		%	25

Environmental Science Corp
 Attention: Janice Cozby
 Client Project #: L406037
 P.O. #: S11917-S11919
 Project name:

Quality Assurance Report (Continued)

Maxxam Job Number: GA968831

QA/QC Batch	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	%Recovery	Units	QC Limits
1861839 KKS	MATRIX SPIKE	1,2,3,7,8-Penta CDD	2009/07/06		107	%	70 - 142
	MATRIX SPIKE						
	DUP	1,2,3,7,8-Penta CDD	2009/07/06		106	%	70 - 142
	MS/MSD RPD	1,2,3,7,8-Penta CDD	2009/07/06	0.9		%	25
	MATRIX SPIKE	1,2,3,4,7,8-Hexa CDD	2009/07/06		112	%	70 - 164
	MATRIX SPIKE						
	DUP	1,2,3,4,7,8-Hexa CDD	2009/07/06		114	%	70 - 164
	MS/MSD RPD	1,2,3,4,7,8-Hexa CDD	2009/07/06	1.8		%	25
	MATRIX SPIKE	1,2,3,6,7,8-Hexa CDD	2009/07/06		93	%	76 - 134
	MATRIX SPIKE						
	DUP	1,2,3,6,7,8-Hexa CDD	2009/07/06		94	%	76 - 134
	MS/MSD RPD	1,2,3,6,7,8-Hexa CDD	2009/07/06	1.1		%	25
	MATRIX SPIKE	1,2,3,7,8,9-Hexa CDD	2009/07/06		106	%	64 - 162
	MATRIX SPIKE						
	DUP	1,2,3,7,8,9-Hexa CDD	2009/07/06		102	%	64 - 162
	MS/MSD RPD	1,2,3,7,8,9-Hexa CDD	2009/07/06	3.8		%	25
	MATRIX SPIKE	1,2,3,4,6,7,8-Hepta CDD	2009/07/06		98	%	70 - 140
	MATRIX SPIKE						
	DUP	1,2,3,4,6,7,8-Hepta CDD	2009/07/06		94	%	70 - 140
	MS/MSD RPD	1,2,3,4,6,7,8-Hepta CDD	2009/07/06	4.2		%	25
	MATRIX SPIKE	Octa CDD	2009/07/06		91	%	78 - 144
	MATRIX SPIKE						
	DUP	Octa CDD	2009/07/06		90	%	78 - 144
	MS/MSD RPD	Octa CDD	2009/07/06	1.1		%	25
	MATRIX SPIKE	Total Tetra CDD	2009/07/06		36	%	N/A
	MATRIX SPIKE						
	DUP	Total Tetra CDD	2009/07/06		35	%	N/A
	MS/MSD RPD	Total Tetra CDD	2009/07/06	2.2		%	25
	MATRIX SPIKE	Total Penta CDD	2009/07/06		211	%	N/A
	MATRIX SPIKE						
	DUP	Total Penta CDD	2009/07/06		209	%	N/A
	MS/MSD RPD	Total Penta CDD	2009/07/06	1		%	25
	MATRIX SPIKE	Total Hexa CDD	2009/07/06		615	%	N/A
	MATRIX SPIKE						
	DUP	Total Hexa CDD	2009/07/06		612	%	N/A
	MS/MSD RPD	Total Hexa CDD	2009/07/06	0.6		%	25
	MATRIX SPIKE	Total Hepta CDD	2009/07/06		199	%	N/A
	MATRIX SPIKE						
	DUP	Total Hepta CDD	2009/07/06		190	%	N/A
	MS/MSD RPD	Total Hepta CDD	2009/07/06	4.7		%	25
	MATRIX SPIKE	2,3,7,8-Tetra CDF	2009/07/06		88	%	75 - 158
	MATRIX SPIKE						
	DUP	2,3,7,8-Tetra CDF	2009/07/06		85	%	75 - 158
	MS/MSD RPD	2,3,7,8-Tetra CDF	2009/07/06	3.5		%	25
	MATRIX SPIKE	1,2,3,7,8-Penta CDF	2009/07/06		106	%	80 - 134
	MATRIX SPIKE						
	DUP	1,2,3,7,8-Penta CDF	2009/07/06		105	%	80 - 134
	MS/MSD RPD	1,2,3,7,8-Penta CDF	2009/07/06	0.9		%	25
	MATRIX SPIKE	2,3,4,7,8-Penta CDF	2009/07/06		107	%	68 - 160
	MATRIX SPIKE						
	DUP	2,3,4,7,8-Penta CDF	2009/07/06		109	%	68 - 160
	MS/MSD RPD	2,3,4,7,8-Penta CDF	2009/07/06	1.9		%	25
	MATRIX SPIKE	1,2,3,4,7,8-Hexa CDF	2009/07/06		107	%	72 - 134
	MATRIX SPIKE						
	DUP	1,2,3,4,7,8-Hexa CDF	2009/07/06		105	%	72 - 134

Environmental Science Corp
 Attention: Janice Cozby
 Client Project #: L406037
 P.O. #: S11917-S11919
 Project name:

Quality Assurance Report (Continued)
 Maxxam Job Number: GA968831

QA/QC Batch	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	%Recovery	Units	QC Limits
1861839 KKS	MS/MSD RPD	1,2,3,4,7,8-Hexa CDF	2009/07/06	1.9		%	25
	MATRIX SPIKE	1,2,3,6,7,8-Hexa CDF	2009/07/06		102	%	84 - 130
	MATRIX SPIKE						
	DUP	1,2,3,6,7,8-Hexa CDF	2009/07/06		100	%	84 - 130
	MS/MSD RPD	1,2,3,6,7,8-Hexa CDF	2009/07/06	2.0		%	25
	MATRIX SPIKE	2,3,4,6,7,8-Hexa CDF	2009/07/06		101	%	70 - 156
	MATRIX SPIKE						
	DUP	2,3,4,6,7,8-Hexa CDF	2009/07/06		104	%	70 - 156
	MS/MSD RPD	2,3,4,6,7,8-Hexa CDF	2009/07/06	2.9		%	25
	MATRIX SPIKE	1,2,3,7,8,9-Hexa CDF	2009/07/06		100	%	78 - 130
	MATRIX SPIKE						
	DUP	1,2,3,7,8,9-Hexa CDF	2009/07/06		100	%	78 - 130
	MS/MSD RPD	1,2,3,7,8,9-Hexa CDF	2009/07/06	0		%	25
	MATRIX SPIKE	1,2,3,4,6,7,8-Hepta CDF	2009/07/06		97	%	82 - 122
	MATRIX SPIKE						
	DUP	1,2,3,4,6,7,8-Hepta CDF	2009/07/06		98	%	82 - 122
	MS/MSD RPD	1,2,3,4,6,7,8-Hepta CDF	2009/07/06	1.0		%	25
	MATRIX SPIKE	1,2,3,4,7,8,9-Hepta CDF	2009/07/06		98	%	78 - 138
	MATRIX SPIKE						
	DUP	1,2,3,4,7,8,9-Hepta CDF	2009/07/06		101	%	78 - 138
	MS/MSD RPD	1,2,3,4,7,8,9-Hepta CDF	2009/07/06	3.0		%	25
	MATRIX SPIKE	Octa CDF	2009/07/06		101	%	63 - 170
	MATRIX SPIKE						
	DUP	Octa CDF	2009/07/06		99	%	63 - 170
	MS/MSD RPD	Octa CDF	2009/07/06	2.0		%	25
	MATRIX SPIKE	Total Tetra CDF	2009/07/06		36	%	N/A
	MATRIX SPIKE						
	DUP	Total Tetra CDF	2009/07/06		35	%	N/A
	MS/MSD RPD	Total Tetra CDF	2009/07/06	2.7		%	25
	MATRIX SPIKE	Total Penta CDF	2009/07/06		425	%	N/A
	MATRIX SPIKE						
	DUP	Total Penta CDF	2009/07/06		426	%	N/A
	MS/MSD RPD	Total Penta CDF	2009/07/06	0.09		%	25
	MATRIX SPIKE	Total Hexa CDF	2009/07/06		811	%	N/A
	MATRIX SPIKE						
	DUP	Total Hexa CDF	2009/07/06		809	%	N/A
	MS/MSD RPD	Total Hexa CDF	2009/07/06	0.3		%	25
	MATRIX SPIKE	Total Hepta CDF	2009/07/06		385	%	N/A
	MATRIX SPIKE						
	DUP	Total Hepta CDF	2009/07/06		393	%	N/A
MS/MSD RPD	Total Hepta CDF	2009/07/06	2.1		%	25	
Spiked Blank	37CL4 2378 Tetra CDD	2009/07/06		35	%	35 - 197	
	C13-1234678 HeptaCDD	2009/07/06		98	%	23 - 140	
	C13-1234678 HeptaCDF	2009/07/06		107	%	28 - 143	
	C13-123478 HexaCDD	2009/07/06		92	%	32 - 141	
	C13-123478 HexaCDF	2009/07/06		100	%	26 - 152	
	C13-1234789 HeptaCDF	2009/07/06		104	%	26 - 138	
	C13-123678 HexaCDD	2009/07/06		102	%	28 - 130	
	C13-123678 HexaCDF	2009/07/06		96	%	26 - 123	
	C13-12378 PentaCDD	2009/07/06		103	%	25 - 181	
	C13-12378 PentaCDF	2009/07/06		86	%	24 - 185	
	C13-123789 HexaCDF	2009/07/06		93	%	29 - 147	
	C13-234678 HexaCDF	2009/07/06		93	%	28 - 136	
	C13-23478 PentaCDF	2009/07/06		103	%	21 - 178	
	C13-2378 TetraCDD	2009/07/06		36	%	25 - 164	

Environmental Science Corp
 Attention: Janice Cozby
 Client Project #: L406037
 P.O. #: S11917-S11919
 Project name:

Quality Assurance Report (Continued)

Maxxam Job Number: GA968831

QA/QC Batch	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	%Recovery	Units	QC Limits	
1861839 KKS	Spiked Blank	C13-2378 TetraCDF	2009/07/06		55	%	24 - 169	
		C13-OCDD	2009/07/06		101	%	17 - 157	
		2,3,7,8-Tetra CDD	2009/07/06		89	%	67 - 158	
		1,2,3,7,8-Penta CDD	2009/07/06		102	%	70 - 142	
		1,2,3,4,7,8-Hexa CDD	2009/07/06		113	%	70 - 164	
		1,2,3,6,7,8-Hexa CDD	2009/07/06		99	%	76 - 134	
		1,2,3,7,8,9-Hexa CDD	2009/07/06		104	%	64 - 162	
		1,2,3,4,6,7,8-Hepta CDD	2009/07/06		95	%	70 - 140	
		Octa CDD	2009/07/06		102	%	78 - 144	
		2,3,7,8-Tetra CDF	2009/07/06		85	%	75 - 158	
		1,2,3,7,8-Penta CDF	2009/07/06		105	%	80 - 134	
		2,3,4,7,8-Penta CDF	2009/07/06		110	%	68 - 160	
		1,2,3,4,7,8-Hexa CDF	2009/07/06		104	%	72 - 134	
		1,2,3,6,7,8-Hexa CDF	2009/07/06		100	%	84 - 130	
		2,3,4,6,7,8-Hexa CDF	2009/07/06		99	%	70 - 156	
		1,2,3,7,8,9-Hexa CDF	2009/07/06		98	%	78 - 130	
		1,2,3,4,6,7,8-Hepta CDF	2009/07/06		106	%	82 - 122	
		1,2,3,4,7,8,9-Hepta CDF	2009/07/06		98	%	78 - 138	
		Octa CDF	2009/07/06		108	%	63 - 170	
		Method Blank	37CL4 2378 Tetra CDD	2009/07/06		94	%	35 - 197
			C13-1234678 HeptaCDD	2009/07/06		85	%	23 - 140
			C13-1234678 HeptaCDF	2009/07/06		90	%	28 - 143
			C13-123478 HexaCDD	2009/07/06		91	%	32 - 141
			C13-123478 HexaCDF	2009/07/06		99	%	26 - 152
			C13-1234789 HeptaCDF	2009/07/06		84	%	26 - 138
			C13-123678 HexaCDD	2009/07/06		98	%	28 - 130
			C13-123678 HexaCDF	2009/07/06		99	%	26 - 123
			C13-12378 PentaCDD	2009/07/06		87	%	25 - 181
			C13-12378 PentaCDF	2009/07/06		79	%	24 - 185
			C13-123789 HexaCDF	2009/07/06		88	%	29 - 147
			C13-234678 HexaCDF	2009/07/06		91	%	28 - 136
			C13-23478 PentaCDF	2009/07/06		83	%	21 - 178
			C13-2378 TetraCDD	2009/07/06		89	%	25 - 164
			C13-2378 TetraCDF	2009/07/06		85	%	24 - 169
			C13-OCDD	2009/07/06		79	%	17 - 157
		2,3,7,8-Tetra CDD	2009/07/06		ND, EDL=0.105		pg/g	
		1,2,3,7,8-Penta CDD	2009/07/06		ND, EDL=0.117		pg/g	
		1,2,3,4,7,8-Hexa CDD	2009/07/06		ND, EDL=0.0976		pg/g	
		1,2,3,6,7,8-Hexa CDD	2009/07/06		ND, EDL=0.104		pg/g	
		1,2,3,7,8,9-Hexa CDD	2009/07/06		ND, EDL=0.101		pg/g	
		1,2,3,4,6,7,8-Hepta CDD	2009/07/06		0.152, EDL=0.101		pg/g	
		Octa CDD	2009/07/06		0.382, EDL=0.297		pg/g	
		Total Tetra CDD	2009/07/06		ND, EDL=0.105		pg/g	
		Total Penta CDD	2009/07/06		ND, EDL=0.247 (1)		pg/g	
		Total Hexa CDD	2009/07/06		ND, EDL=0.102		pg/g	
	Total Hepta CDD	2009/07/06		0.152, EDL=0.101		pg/g		
	2,3,7,8-Tetra CDF	2009/07/06		0.190, EDL=0.109		pg/g		
	1,2,3,7,8-Penta CDF	2009/07/06		ND, EDL=0.110		pg/g		
	2,3,4,7,8-Penta CDF	2009/07/06		0.218, EDL=0.104		pg/g		
	1,2,3,4,7,8-Hexa CDF	2009/07/06		ND, EDL=0.101		pg/g		
	1,2,3,6,7,8-Hexa CDF	2009/07/06		ND, EDL=0.109		pg/g		
	2,3,4,6,7,8-Hexa CDF	2009/07/06		ND, EDL=0.103		pg/g		
	1,2,3,7,8,9-Hexa CDF	2009/07/06		0.132, EDL=0.104		pg/g		
	1,2,3,4,6,7,8-Hepta CDF	2009/07/06		ND, EDL=0.359 (2)		pg/g		
	1,2,3,4,7,8,9-Hepta CDF	2009/07/06		ND, EDL=0.710		pg/g		

Environmental Science Corp
 Attention: Janice Cozby
 Client Project #: L406037
 P.O. #: S11917-S11919
 Project name:

Quality Assurance Report (Continued)

Maxxam Job Number: GA968831

QA/QC Batch	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	%Recovery	Units	QC Limits
1861839 KKS	Method Blank	Octa CDF	2009/07/06	ND, EDL=0.202 (1)		pg/g	
		Total Tetra CDF	2009/07/06	0.608, EDL=0.109		pg/g	
		Total Penta CDF	2009/07/06	0.218, EDL=0.107		pg/g	
		Total Hexa CDF	2009/07/06	0.132, EDL=0.104		pg/g	
		Total Hepta CDF	2009/07/06	ND, EDL=0.111		pg/g	

ND = Not detected

N/A = Not Applicable

SPIKE = Fortified sample

(1) EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

(2) EMPC / DPE - Diphenylether interference present caused dibenzofuran detected to become a "non-detect" with an elevated detection limit.

EMPC / NDR - Peak detected does not meet ratio criteria and has resulted in an elevated detection limit.

Maxxam Job #: A968831
Report Date: 2009/07/15

Environmental Science Corp
Client Project #: L406037
Project name:
Your P.O. #: S11917-S11919
Sampler Initials:

RESULTS OF ANALYSES OF SOIL

Maxxam ID		CS4551			
Sampling Date		39954.40625			
COC Number		na			
	Units	L406037-01	DL	QC Batch	MDL
Moisture	%	18	0.2	1846951	0.2

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

Cas_Rn	Chemical_I	Result_Val	Result_Uni	Detect_Fla	Detection_I	Lab_Qualif	Test_batch	Validator_C	Reportable	Fraction	Dilution_Fa	Method_De	Composite	Field_sdg	percent_moisture
35822-46-ε	1,2,3,4,6,7,	59.3	PG/G	Y		10	1861839	Yes	N		1	0.141	N	A968831	18
67562-39-4	1,2,3,4,6,7,	10.7	PG/G	N		10 U	1861839	Yes	N		1	10.7	N	A968831	18
55673-89-7	1,2,3,4,7,8,	0.549	PG/G	Y		10 J	1861839	Yes	N		1	0.149	N	A968831	18
39227-28-ε	1,2,3,4,7,8-	0.17	PG/G	N		10 U	1861839	Yes	N		1	0.17	N	A968831	18
70648-26-ε	1,2,3,4,7,8-	0.554	PG/G	Y		10 J	1861839	Yes	N		1	0.161	N	A968831	18
57653-85-7	1,2,3,6,7,8-	2.13	PG/G	Y		10 J	1861839	Yes	N		1	0.181	N	A968831	18
57117-44-ε	1,2,3,6,7,8-	0.36	PG/G	Y		10 J	1861839	Yes	N		1	0.173	N	A968831	18
19408-74-ε	1,2,3,7,8,9-	0.761	PG/G	Y		10 J	1861839	Yes	N		1	0.176	N	A968831	18
72918-21-ε	1,2,3,7,8,9-	0.164	PG/G	N		10 U	1861839	Yes	N		1	0.164	N	A968831	18
40321-76-4	1,2,3,7,8-P	0.166	PG/G	N		10 U	1861839	Yes	N		1	0.166	N	A968831	18
57117-41-ε	1,2,3,7,8-P	0.157	PG/G	N		10 U	1861839	Yes	N		1	0.157	N	A968831	18
60851-34-ε	2,3,4,6,7,8-	0.224	PG/G	N		10 U	1861839	Yes	N		1	0.224	N	A968831	18
57117-31-4	2,3,4,7,8-P	0.284	PG/G	Y		10 JB	1861839	Yes	N		1	0.149	N	A968831	18
TCDD-TEC	2,3,7,8-Tet	0.142	PG/G	N		2 U	1861839	Yes	N		1	0.142	N	A968831	18
51207-31-ε	2,3,7,8-Tet	0.478	PG/G	Y		2 JB	1861839	Yes	N		1	0.181	N	A968831	18
85508-50-ε	37CL4 237	69	PERCENT	Y			1861839	Yes	N		1		N	A968831	18
109719-83-	C13-12346	103	PERCENT	Y			1861839	Yes	N		1		N	A968831	18
109719-84-	C13-12346	102	PERCENT	Y			1861839	Yes	N		1		N	A968831	18
109719-80-	C13-12347	95	PERCENT	Y			1861839	Yes	N		1		N	A968831	18
114423-98-	C13-12347	98	PERCENT	Y			1861839	Yes	N		1		N	A968831	18
109719-94-	C13-12347	98	PERCENT	Y			1861839	Yes	N		1		N	A968831	18
109719-81-	C13-12367	97	PERCENT	Y			1861839	Yes	N		1		N	A968831	18
116843-03-	C13-12367	95	PERCENT	Y			1861839	Yes	N		1		N	A968831	18
109719-79-	C13-12378	96	PERCENT	Y			1861839	Yes	N		1		N	A968831	18
109719-77-	C13-12378	73	PERCENT	Y			1861839	Yes	N		1		N	A968831	18
116843-04-	C13-12378	90	PERCENT	Y			1861839	Yes	N		1		N	A968831	18
116843-05-	C13-23467	92	PERCENT	Y			1861839	Yes	N		1		N	A968831	18
116843-02-	C13-23478	80	PERCENT	Y			1861839	Yes	N		1		N	A968831	18
76523-40-ε	C13-2378	75	PERCENT	Y			1861839	Yes	N		1		N	A968831	18
89059-46-1	C13-2378	67	PERCENT	Y			1861839	Yes	N		1		N	A968831	18
114423-97-	C13-OCDC	106	PERCENT	Y			1861839	Yes	N		1		N	A968831	18
3268-87-9	Octa CDD	587	PG/G	Y		20	1861839	Yes	N		1	0.225	N	A968831	18
39001-02-	Octa CDF	32.9	PG/G	Y		20	1861839	Yes	N		1	0.301	N	A968831	18
37871-00-4	Total Hepta	106	PG/G	Y		0.141	1861839	Yes	N		1	0.141	N	A968831	18
38998-75-ε	Total Hepta	24.5	PG/G	Y		0.141	1861839	Yes	N		1	0.141	N	A968831	18
34465-46-ε	Total Hexa	11.6	PG/G	Y		0.178	1861839	Yes	N		1	0.178	N	A968831	18
55684-94-1	Total Hexa	15.6	PG/G	Y		0.166	1861839	Yes	N		1	0.166	N	A968831	18
36088-22-ε	Total Penta	0.166	PG/G	N		0.166 U	1861839	Yes	N		1	0.166	N	A968831	18
30402-15-4	Total Penta	3.46	PG/G	Y		0.153	1861839	Yes	N		1	0.153	N	A968831	18
41903-57-ε	Total Tetra	0.375	PG/G	Y		0.142	1861839	Yes	N		1	0.142	N	A968831	18
55722-27-ε	Total Tetra	0.944	PG/G	Y		0.181	1861839	Yes	N		1	0.181	N	A968831	18
TEQEO	2378-TCDF	1.77	PG/G	Y				Yes	N		1		N	A968831	18
35822-46-ε	1,2,3,4,6,7,	95	PG/G	Y		10	1861839	Yes	N		1	0.116	N	A968831	18
67562-39-4	1,2,3,4,6,7,	106	PG/G	Y		10	1861839	Yes	N		1	0.116	N	A968831	18
55673-89-7	1,2,3,4,7,8,	98	PG/G	Y		10	1861839	Yes	N		1	0.13	N	A968831	18
39227-28-ε	1,2,3,4,7,8-	113	PG/G	Y		10	1861839	Yes	N		1	0.111	N	A968831	18
70648-26-ε	1,2,3,4,7,8-	104	PG/G	Y		10	1861839	Yes	N		1	0.138	N	A968831	18
57653-85-7	1,2,3,6,7,8-	99	PG/G	Y		10	1861839	Yes	N		1	0.118	N	A968831	18
57117-44-ε	1,2,3,6,7,8-	100	PG/G	Y		10	1861839	Yes	N		1	0.148	N	A968831	18

19408-74-ε 1,2,3,7,8,9-	104 PG/G	Y	10	1861839	Yes	N	1	0.115 N	A968831
72918-21-ε 1,2,3,7,8,9-	98 PG/G	Y	10	1861839	Yes	N	1	0.141 N	A968831
40321-76-41,2,3,7,8-P	102 PG/G	Y	10	1861839	Yes	N	1	0.126 N	A968831
57117-41-ε 1,2,3,7,8-P	105 PG/G	Y	10	1861839	Yes	N	1	0.132 N	A968831
60851-34-ε 2,3,4,6,7,8-	99 PG/G	Y	10	1861839	Yes	N	1	0.14 N	A968831
57117-31-42,3,4,7,8-P	110 PG/G	Y	10	1861839	Yes	N	1	0.125 N	A968831
TCDD-TEC 2,3,7,8-Tet	89 PG/G	Y	2	1861839	Yes	N	1	0.119 N	A968831
51207-31-ε 2,3,7,8-Tet	85 PG/G	Y	2	1861839	Yes	N	1	0.132 N	A968831
85508-50-ε 37CL4 237	35 PERCENT	Y		1861839	Yes	N	1	N	A968831
109719-83-C13-12346	98 PERCENT	Y		1861839	Yes	N	1	N	A968831
109719-84-C13-12346	107 PERCENT	Y		1861839	Yes	N	1	N	A968831
109719-80-C13-12347	92 PERCENT	Y		1861839	Yes	N	1	N	A968831
114423-98-C13-12347	100 PERCENT	Y		1861839	Yes	N	1	N	A968831
109719-94-C13-12347	104 PERCENT	Y		1861839	Yes	N	1	N	A968831
109719-81-C13-12367	102 PERCENT	Y		1861839	Yes	N	1	N	A968831
116843-03-C13-12367	96 PERCENT	Y		1861839	Yes	N	1	N	A968831
109719-79-C13-12378	103 PERCENT	Y		1861839	Yes	N	1	N	A968831
109719-77-C13-12378	86 PERCENT	Y		1861839	Yes	N	1	N	A968831
116843-04-C13-12378	93 PERCENT	Y		1861839	Yes	N	1	N	A968831
116843-05-C13-23467	93 PERCENT	Y		1861839	Yes	N	1	N	A968831
116843-02-C13-23478	103 PERCENT	Y		1861839	Yes	N	1	N	A968831
76523-40-ε C13-2378	36 PERCENT	Y		1861839	Yes	N	1	N	A968831
89059-46-1C13-2378	55 PERCENT	Y		1861839	Yes	N	1	N	A968831
114423-97-C13-OCDC	101 PERCENT	Y		1861839	Yes	N	1	N	A968831
3268-87-9 Octa CDD	102 PG/G	Y	20	1861839	Yes	N	1	0.301 N	A968831
39001-02-C Octa CDF	108 PG/G	Y	20	1861839	Yes	N	1	0.261 N	A968831
35822-46-ε 1,2,3,4,6,7,	0.152 PG/G	Y	10 J	1861839	Yes	N	1	0.101 N	A968831
67562-39-41,2,3,4,6,7,	0.359 PG/G	N	10 U	1861839	Yes	N	1	0.359 N	A968831
55673-89-71,2,3,4,7,8,	0.71 PG/G	N	10 U	1861839	Yes	N	1	0.71 N	A968831
39227-28-ε 1,2,3,4,7,8-	0.0976 PG/G	N	10 U	1861839	Yes	N	1	0.0976 N	A968831
70648-26-ε 1,2,3,4,7,8-	0.101 PG/G	N	10 U	1861839	Yes	N	1	0.101 N	A968831
57653-85-71,2,3,6,7,8-	0.104 PG/G	N	10 U	1861839	Yes	N	1	0.104 N	A968831
57117-44-ε 1,2,3,6,7,8-	0.109 PG/G	N	10 U	1861839	Yes	N	1	0.109 N	A968831
19408-74-ε 1,2,3,7,8,9-	0.101 PG/G	N	10 U	1861839	Yes	N	1	0.101 N	A968831
72918-21-ε 1,2,3,7,8,9-	0.132 PG/G	Y	10 J	1861839	Yes	N	1	0.104 N	A968831
40321-76-41,2,3,7,8-P	0.117 PG/G	N	10 U	1861839	Yes	N	1	0.117 N	A968831
57117-41-ε 1,2,3,7,8-P	0.11 PG/G	N	10 U	1861839	Yes	N	1	0.11 N	A968831
60851-34-ε 2,3,4,6,7,8-	0.103 PG/G	N	10 U	1861839	Yes	N	1	0.103 N	A968831
57117-31-42,3,4,7,8-P	0.218 PG/G	Y	10 J	1861839	Yes	N	1	0.104 N	A968831
TCDD-TEC 2,3,7,8-Tet	0.105 PG/G	N	2 U	1861839	Yes	N	1	0.105 N	A968831
51207-31-ε 2,3,7,8-Tet	0.19 PG/G	Y	2 J	1861839	Yes	N	1	0.109 N	A968831
85508-50-ε 37CL4 237	94 PERCENT	Y		1861839	Yes	N	1	N	A968831
109719-83-C13-12346	85 PERCENT	Y		1861839	Yes	N	1	N	A968831
109719-84-C13-12346	90 PERCENT	Y		1861839	Yes	N	1	N	A968831
109719-80-C13-12347	91 PERCENT	Y		1861839	Yes	N	1	N	A968831
114423-98-C13-12347	99 PERCENT	Y		1861839	Yes	N	1	N	A968831
109719-94-C13-12347	84 PERCENT	Y		1861839	Yes	N	1	N	A968831
109719-81-C13-12367	98 PERCENT	Y		1861839	Yes	N	1	N	A968831
116843-03-C13-12367	99 PERCENT	Y		1861839	Yes	N	1	N	A968831
109719-79-C13-12378	87 PERCENT	Y		1861839	Yes	N	1	N	A968831

109719-77-C13-12378	79 PERCENT Y			1861839	Yes	N	1	N	A968831
116843-04-C13-12378	88 PERCENT Y			1861839	Yes	N	1	N	A968831
116843-05-C13-23467	91 PERCENT Y			1861839	Yes	N	1	N	A968831
116843-02-C13-23478	83 PERCENT Y			1861839	Yes	N	1	N	A968831
76523-40-εC13-2378	89 PERCENT Y			1861839	Yes	N	1	N	A968831
89059-46-1C13-2378	85 PERCENT Y			1861839	Yes	N	1	N	A968831
114423-97-C13-OCDE	79 PERCENT Y			1861839	Yes	N	1	N	A968831
3268-87-9 Octa CDD	0.382 PG/G	Y	20 J	1861839	Yes	N	1	0.297 N	A968831
39001-02-C Octa CDF	0.202 PG/G	N	20 U	1861839	Yes	N	1	0.202 N	A968831
37871-00-4 Total Hepta	0.152 PG/G	Y	0.101	1861839	Yes	N	1	0.101 N	A968831
38998-75-ε Total Hepta	0.111 PG/G	N	0.111 U	1861839	Yes	N	1	0.111 N	A968831
34465-46-ε Total Hexa	0.102 PG/G	N	0.102 U	1861839	Yes	N	1	0.102 N	A968831
55684-94-1 Total Hexa	0.132 PG/G	Y	0.104	1861839	Yes	N	1	0.104 N	A968831
36088-22-ε Total Penta	0.247 PG/G	N	0.247 U	1861839	Yes	N	1	0.247 N	A968831
30402-15-4 Total Penta	0.218 PG/G	Y	0.107	1861839	Yes	N	1	0.107 N	A968831
41903-57-ε Total Tetra	0.105 PG/G	N	0.105 U	1861839	Yes	N	1	0.105 N	A968831
55722-27-ε Total Tetra	0.608 PG/G	Y	0.109	1861839	Yes	N	1	0.109 N	A968831



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Chris Kramer
SLR International Corp. - West Linn, OR
1800 Blankenship Road, Suite 440

West Linn, OR 97068

Report Summary

Wednesday June 24, 2009

Report Number: L403723

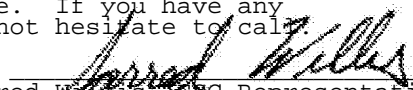
Samples Received: 05/21/09

Client Project: 008.0339.00001

Description: Bay Wood Project - Everett, WA

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:


Jarred Willis, ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140
NJ - TN002, NJ NELAP - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233
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Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.



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REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 24, 2009

Date Received : May 21, 2009
Description : Bay Wood Project - Everett, WA

ESC Sample # : L403723-01

Sample ID : PB-3A-9FT

Site ID :

Collected By : C. Kramer
Collection Date : 05/20/09 10:45

Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
Total Solids	88.0			%		2540G	05/26/09	1
Mercury	0.0045	0.0025	0.023	mg/kg	J	7471	05/25/09	1
Antimony	U	0.52	1.1	mg/kg		6010B	05/26/09	1
Arsenic	U	1.4	5.7	mg/kg	O	6010B	05/26/09	5
Beryllium	0.66	0.038	0.11	mg/kg		6010B	05/26/09	1
Cadmium	U	0.037	0.28	mg/kg		6010B	05/26/09	1
Chromium	27.	0.098	0.57	mg/kg		6010B	05/26/09	1
Copper	9.0	0.30	1.1	mg/kg		6010B	05/26/09	1
Lead	2.2	0.096	0.28	mg/kg		6010B	05/26/09	1
Nickel	38.	0.49	1.1	mg/kg		6010B	05/26/09	1
Selenium	U	0.33	1.1	mg/kg		6010B	05/26/09	1
Silver	U	0.16	0.57	mg/kg		6010B	05/26/09	1
Thallium	U	1.5	5.7	mg/kg	O	6010B	05/26/09	5
Zinc	33.	0.44	1.7	mg/kg		6010B	05/26/09	1
Volatile Organics								
Acetone	U	0.017	0.057	mg/kg		8260B	05/22/09	1
Benzene	U	0.00032	0.0011	mg/kg		8260B	05/22/09	1
Bromochloromethane	U	0.00045	0.0011	mg/kg		8260B	05/22/09	1
Bromodichloromethane	U	0.00039	0.0011	mg/kg		8260B	05/22/09	1
Bromoform	U	0.00058	0.0011	mg/kg		8260B	05/22/09	1
Bromomethane	U	0.0013	0.0057	mg/kg		8260B	05/22/09	1
2-Butanone (MEK)	0.0033	0.0027	0.011	mg/kg	J	8260B	05/22/09	1
Carbon disulfide	U	0.00033	0.0011	mg/kg		8260B	05/22/09	1
Carbon tetrachloride	U	0.00032	0.0011	mg/kg		8260B	05/22/09	1
Chlorobenzene	U	0.00025	0.0011	mg/kg		8260B	05/22/09	1
Chloroethane	U	0.00059	0.0057	mg/kg		8260B	05/22/09	1
Chloroform	U	0.00041	0.0057	mg/kg		8260B	05/22/09	1
Chloromethane	U	0.00056	0.0011	mg/kg		8260B	05/22/09	1
1,2-Dibromo-3-Chloropropane	U	0.0012	0.0057	mg/kg		8260B	05/22/09	1
Chlorodibromomethane	U	0.00023	0.0011	mg/kg		8260B	05/22/09	1
1,2-Dibromoethane	U	0.00032	0.0011	mg/kg		8260B	05/22/09	1
1,2-Dichlorobenzene	U	0.00024	0.0011	mg/kg		8260B	05/22/09	1
1,3-Dichlorobenzene	U	0.00038	0.0011	mg/kg		8260B	05/22/09	1
1,4-Dichlorobenzene	U	0.00022	0.0011	mg/kg		8260B	05/22/09	1
Dichlorodifluoromethane	U	0.00032	0.0057	mg/kg		8260B	05/22/09	1
1,1-Dichloroethane	U	0.00026	0.0011	mg/kg		8260B	05/22/09	1
1,2-Dichloroethane	U	0.00053	0.0011	mg/kg		8260B	05/22/09	1
1,1-Dichloroethene	U	0.00074	0.0011	mg/kg		8260B	05/22/09	1
cis-1,2-Dichloroethene	U	0.00072	0.0011	mg/kg		8260B	05/22/09	1
trans-1,2-Dichloroethene	U	0.00068	0.0011	mg/kg		8260B	05/22/09	1

Results listed are dry weight basis.

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MDL = Minimum Detection Limit = LOD

RDL = Reported Detection Limit = LOQ = PQL = EQL

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REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 24, 2009

Date Received : May 21, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-3A-9FT
Collected By : C. Kramer
Collection Date : 05/20/09 10:45

ESC Sample # : L403723-01

Site ID :

Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
1,2-Dichloropropane	U	0.00075	0.0011	mg/kg		8260B	05/22/09	1
cis-1,3-Dichloropropene	U	0.00026	0.0011	mg/kg		8260B	05/22/09	1
trans-1,3-Dichloropropene	U	0.00036	0.0011	mg/kg		8260B	05/22/09	1
Ethylbenzene	U	0.00023	0.0011	mg/kg		8260B	05/22/09	1
2-Hexanone	U	0.00036	0.0011	mg/kg		8260B	05/22/09	1
Isopropylbenzene	U	0.00021	0.0011	mg/kg		8260B	05/22/09	1
4-Methyl-2-pentanone (MIBK)	U	0.0014	0.011	mg/kg		8260B	05/22/09	1
Methyl tert-butyl ether	U	0.00028	0.0011	mg/kg		8260B	05/22/09	1
Methylene Chloride	U	0.00060	0.0057	mg/kg		8260B	05/22/09	1
Styrene	U	0.00020	0.0011	mg/kg		8260B	05/22/09	1
1,1,2,2-Tetrachloroethane	U	0.00033	0.0011	mg/kg		8260B	05/22/09	1
Tetrachloroethene	U	0.00023	0.0011	mg/kg		8260B	05/22/09	1
Toluene	U	0.0012	0.0057	mg/kg		8260B	05/22/09	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.00025	0.0011	mg/kg		8260B	05/22/09	1
1,2,3-Trichlorobenzene	U	0.00023	0.0011	mg/kg		8260B	05/22/09	1
1,2,4-Trichlorobenzene	U	0.00025	0.0011	mg/kg		8260B	05/22/09	1
1,1,1-Trichloroethane	U	0.00052	0.0011	mg/kg		8260B	05/22/09	1
1,1,2-Trichloroethane	U	0.00046	0.0011	mg/kg		8260B	05/22/09	1
Trichloroethene	U	0.00034	0.0011	mg/kg		8260B	05/22/09	1
Trichlorofluoromethane	U	0.00027	0.0057	mg/kg		8260B	05/22/09	1
Vinyl chloride	U	0.00029	0.0011	mg/kg		8260B	05/22/09	1
Xylenes, Total	U	0.00046	0.0034	mg/kg		8260B	05/22/09	1
Cyclohexane	U	0.00033	0.0011	mg/kg	Q	8260B	06/20/09	1
1,4-Dioxane	U	0.033	0.11	mg/kg	Q	8260B	06/20/09	1
Methyl Acetate	U	0.0066	0.023	mg/kg	Q	8260B	06/20/09	1
Methyl Cyclohexane	U	0.00033	0.0011	mg/kg	Q	8260B	06/20/09	1
Surrogate Recovery								
Toluene-d8	99.2			% Rec.		8260B	05/22/09	1
Dibromofluoromethane	107.			% Rec.		8260B	05/22/09	1
4-Bromofluorobenzene	103.			% Rec.		8260B	05/22/09	1
Gasoline Range (C7-C10)	U	1.3	4.5	mg/kg		NWTPH-HC	05/28/09	1
Mineral Spirits	U	1.3	4.5	mg/kg		NWTPH-HC	05/28/09	1
Kerosene (C9-C16)	U	1.3	4.5	mg/kg		NWTPH-HC	05/28/09	1
Diesel (C7-C26)	U	1.3	4.5	mg/kg		NWTPH-HC	05/28/09	1
#6 Fuel Oil (C10-C32)	U	1.3	4.5	mg/kg		NWTPH-HC	05/28/09	1
Hydraulic Fluid (C12-C33)	U	1.3	4.5	mg/kg		NWTPH-HC	05/28/09	1
Motor Oil (C16-C40)	U	3.3	11.	mg/kg		NWTPH-HC	05/28/09	1
Surrogate recovery(%)								
o-Terphenyl	97.1			% Rec.		NWTPH-HC	05/28/09	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	U	0.0013	0.0068	mg/kg		8270C-SI	05/22/09	1

Results listed are dry weight basis.

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REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 24, 2009

Date Received : May 21, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-3A-9FT
Collected By : C. Kramer
Collection Date : 05/20/09 10:45

ESC Sample # : L403723-01

Site ID :

Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
Acenaphthene	U	0.0013	0.0068	mg/kg	J3	8270C-SI	05/22/09	1
Acenaphthylene	U	0.0011	0.0068	mg/kg	J3	8270C-SI	05/22/09	1
Benzo(a)anthracene	U	0.00096	0.0068	mg/kg	J3	8270C-SI	05/22/09	1
Benzo(a)pyrene	U	0.00083	0.0068	mg/kg	J3	8270C-SI	05/22/09	1
Benzo(b)fluoranthene	U	0.0014	0.0068	mg/kg	J3	8270C-SI	05/22/09	1
Benzo(g,h,i)perylene	U	0.00098	0.0068	mg/kg	J3	8270C-SI	05/22/09	1
Benzo(k)fluoranthene	U	0.0012	0.0068	mg/kg	J3	8270C-SI	05/22/09	1
Chrysene	U	0.00087	0.0068	mg/kg	J3	8270C-SI	05/22/09	1
Dibenz(a,h)anthracene	U	0.00089	0.0068	mg/kg	J3	8270C-SI	05/22/09	1
Fluoranthene	U	0.00081	0.0068	mg/kg	J3	8270C-SI	05/22/09	1
Fluorene	U	0.0010	0.0068	mg/kg	J3	8270C-SI	05/22/09	1
Indeno(1,2,3-cd)pyrene	U	0.00088	0.0068	mg/kg	J3	8270C-SI	05/22/09	1
Naphthalene	U	0.0014	0.0068	mg/kg	J3	8270C-SI	05/22/09	1
Phenanthrene	U	0.00098	0.0068	mg/kg	J3	8270C-SI	05/22/09	1
Pyrene	U	0.00096	0.0068	mg/kg	J3	8270C-SI	05/22/09	1
1-Methylnaphthalene	U	0.0015	0.0068	mg/kg	J3	8270C-SI	05/22/09	1
2-Methylnaphthalene	U	0.0020	0.0068	mg/kg	J3	8270C-SI	05/22/09	1
2-Chloronaphthalene	U	0.0010	0.0068	mg/kg	J3	8270C-SI	05/22/09	1
Surrogate Recovery								
Nitrobenzene-d5	59.2			% Rec.		8270C-SI	05/22/09	1
2-Fluorobiphenyl	78.4			% Rec.		8270C-SI	05/22/09	1
p-Terphenyl-d14	77.6			% Rec.		8270C-SI	05/22/09	1
Polychlorinated Biphenyls								
PCB 1016	U	0.0020	0.019	mg/kg		8082	05/27/09	1
PCB 1221	U	0.0049	0.019	mg/kg		8082	05/27/09	1
PCB 1232	U	0.0072	0.019	mg/kg		8082	05/27/09	1
PCB 1242	U	0.0049	0.019	mg/kg		8082	05/27/09	1
PCB 1248	U	0.0027	0.019	mg/kg		8082	05/27/09	1
PCB 1254	U	0.0050	0.019	mg/kg		8082	05/27/09	1
PCB 1260	U	0.0028	0.019	mg/kg		8082	05/27/09	1
PCBs Surrogates								
Decachlorobiphenyl	76.8			% Rec.		8082	05/27/09	1
Tetrachloro-m-xylene	80.7			% Rec.		8082	05/27/09	1

Results listed are dry weight basis.

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RDL = Reported Detection Limit = LOQ = PQL = EQL

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REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 24, 2009

Date Received : May 21, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-3A-GW
Collected By : C. Kramer
Collection Date : 05/20/09 11:00

ESC Sample # : L403723-02

Site ID :

Project # : 008.0339.00001

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Gasoline Range (C7-C10)	U	33.	100	ug/l		NWTPH-H	05/27/09	1
Mineral Spirits	U	33.	100	ug/l		NWTPH-H	05/27/09	1
Kerosene (C9-C16)	U	33.	100	ug/l		NWTPH-H	05/27/09	1
Diesel (C7-C26)	U	33.	100	ug/l		NWTPH-H	05/27/09	1
#6 Fuel Oil (C10-C32)	U	33.	100	ug/l		NWTPH-H	05/27/09	1
Hydraulic Fluid (C12-C33)	U	33.	100	ug/l		NWTPH-H	05/27/09	1
Motor Oil (C16-C40)	U	160	500	ug/l		NWTPH-H	05/27/09	1
Surrogate recovery(%) o-Terphenyl	83.7			% Rec.		NWTPH-H	05/27/09	1

U = ND (Not Detected)
RDL = Reported Detection Limit = LOQ = PQL = EQL
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
Note:

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West Linn, OR 97068

June 24, 2009

Date Received : May 21, 2009
Description : Bay Wood Project - Everett, WA

ESC Sample # : L403723-03

Sample ID : PB-3B-10.5FT

Site ID :

Collected By : C. Kramer
Collection Date : 05/20/09 00:00

Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
Total Solids	82.6			%		2540G	05/26/09	1
Mercury	0.23	0.0025	0.024	mg/kg		7471	05/25/09	1
Antimony	U	0.52	1.2	mg/kg		6010B	05/29/09	1
Arsenic	0.66	0.27	1.2	mg/kg	JPl	6010B	05/29/09	1
Beryllium	0.56	0.038	0.12	mg/kg		6010B	05/29/09	1
Cadmium	U	0.037	0.30	mg/kg		6010B	05/29/09	1
Chromium	29.	0.098	0.60	mg/kg		6010B	05/29/09	1
Copper	17.	0.30	1.2	mg/kg		6010B	05/29/09	1
Lead	4.4	0.096	0.30	mg/kg		6010B	05/29/09	1
Nickel	25.	0.49	1.2	mg/kg		6010B	05/29/09	1
Selenium	U	0.33	1.2	mg/kg		6010B	05/29/09	1
Silver	U	0.16	0.60	mg/kg		6010B	05/29/09	1
Thallium	U	1.5	6.0	mg/kg	O	6010B	05/29/09	5
Zinc	46.	0.44	1.8	mg/kg		6010B	05/29/09	1
Volatile Organics								
Acetone	U	0.017	0.060	mg/kg		8260B	05/22/09	1
Benzene	U	0.00032	0.0012	mg/kg		8260B	05/22/09	1
Bromochloromethane	U	0.00045	0.0012	mg/kg		8260B	05/22/09	1
Bromodichloromethane	U	0.00039	0.0012	mg/kg		8260B	05/22/09	1
Bromoform	U	0.00058	0.0012	mg/kg		8260B	05/22/09	1
Bromomethane	U	0.0013	0.0060	mg/kg		8260B	05/22/09	1
2-Butanone (MEK)	U	0.0027	0.012	mg/kg		8260B	05/22/09	1
Carbon disulfide	U	0.00033	0.0012	mg/kg		8260B	05/22/09	1
Carbon tetrachloride	U	0.00032	0.0012	mg/kg		8260B	05/22/09	1
Chlorobenzene	U	0.00025	0.0012	mg/kg		8260B	05/22/09	1
Chloroethane	U	0.00059	0.0060	mg/kg		8260B	05/22/09	1
Chloroform	0.00064	0.00041	0.0060	mg/kg	J	8260B	05/22/09	1
Chloromethane	U	0.00056	0.0012	mg/kg		8260B	05/22/09	1
1,2-Dibromo-3-Chloropropane	U	0.0012	0.0060	mg/kg		8260B	05/22/09	1
Chlorodibromomethane	U	0.00023	0.0012	mg/kg		8260B	05/22/09	1
1,2-Dibromoethane	U	0.00032	0.0012	mg/kg		8260B	05/22/09	1
1,2-Dichlorobenzene	U	0.00024	0.0012	mg/kg		8260B	05/22/09	1
1,3-Dichlorobenzene	U	0.00038	0.0012	mg/kg		8260B	05/22/09	1
1,4-Dichlorobenzene	U	0.00022	0.0012	mg/kg		8260B	05/22/09	1
Dichlorodifluoromethane	U	0.00032	0.0060	mg/kg		8260B	05/22/09	1
1,1-Dichloroethane	U	0.00026	0.0012	mg/kg		8260B	05/22/09	1
1,2-Dichloroethane	U	0.00053	0.0012	mg/kg		8260B	05/22/09	1
1,1-Dichloroethene	U	0.00074	0.0012	mg/kg		8260B	05/22/09	1
cis-1,2-Dichloroethene	U	0.00072	0.0012	mg/kg		8260B	05/22/09	1
trans-1,2-Dichloroethene	U	0.00068	0.0012	mg/kg		8260B	05/22/09	1

Results listed are dry weight basis.

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REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 24, 2009

Date Received : May 21, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-3B-10.5FT
Collected By : C. Kramer
Collection Date : 05/20/09 00:00

ESC Sample # : L403723-03

Site ID :

Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
1,2-Dichloropropane	U	0.00075	0.0012	mg/kg		8260B	05/22/09	1
cis-1,3-Dichloropropene	U	0.00026	0.0012	mg/kg		8260B	05/22/09	1
trans-1,3-Dichloropropene	U	0.00036	0.0012	mg/kg		8260B	05/22/09	1
Ethylbenzene	U	0.00023	0.0012	mg/kg		8260B	05/22/09	1
2-Hexanone	U	0.00036	0.0012	mg/kg		8260B	05/22/09	1
Isopropylbenzene	U	0.00021	0.0012	mg/kg		8260B	05/22/09	1
4-Methyl-2-pentanone (MIBK)	U	0.0014	0.012	mg/kg		8260B	05/22/09	1
Methyl tert-butyl ether	U	0.00028	0.0012	mg/kg		8260B	05/22/09	1
Methylene Chloride	U	0.00060	0.0060	mg/kg		8260B	05/22/09	1
Styrene	U	0.00020	0.0012	mg/kg		8260B	05/22/09	1
1,1,2,2-Tetrachloroethane	U	0.00033	0.0012	mg/kg		8260B	05/22/09	1
Tetrachloroethene	U	0.00023	0.0012	mg/kg		8260B	05/22/09	1
Toluene	U	0.0012	0.0060	mg/kg		8260B	05/22/09	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.00025	0.0012	mg/kg		8260B	05/22/09	1
1,2,3-Trichlorobenzene	U	0.00023	0.0012	mg/kg		8260B	05/22/09	1
1,2,4-Trichlorobenzene	U	0.00025	0.0012	mg/kg		8260B	05/22/09	1
1,1,1-Trichloroethane	U	0.00052	0.0012	mg/kg		8260B	05/22/09	1
1,1,2-Trichloroethane	U	0.00046	0.0012	mg/kg		8260B	05/22/09	1
Trichloroethene	U	0.00034	0.0012	mg/kg		8260B	05/22/09	1
Trichlorofluoromethane	U	0.00027	0.0060	mg/kg		8260B	05/22/09	1
Vinyl chloride	U	0.00029	0.0012	mg/kg		8260B	05/22/09	1
Xylenes, Total	U	0.00046	0.0036	mg/kg		8260B	05/22/09	1
Cyclohexane	U	0.00033	0.0012	mg/kg	Q	8260B	06/20/09	1
1,4-Dioxane	U	0.033	0.12	mg/kg	Q	8260B	06/20/09	1
Methyl Acetate	U	0.0066	0.024	mg/kg	Q	8260B	06/20/09	1
Methyl Cyclohexane	U	0.00033	0.0012	mg/kg	Q	8260B	06/20/09	1
Surrogate Recovery								
Toluene-d8	99.9			% Rec.		8260B	05/22/09	1
Dibromofluoromethane	106.			% Rec.		8260B	05/22/09	1
4-Bromofluorobenzene	103.			% Rec.		8260B	05/22/09	1
Gasoline Range (C7-C10)	U	1.3	4.8	mg/kg		NWTPH-HC	05/28/09	1
Mineral Spirits	U	1.3	4.8	mg/kg		NWTPH-HC	05/28/09	1
Kerosene (C9-C16)	U	1.3	4.8	mg/kg		NWTPH-HC	05/28/09	1
Diesel (C7-C26)	U	1.3	4.8	mg/kg		NWTPH-HC	05/28/09	1
#6 Fuel Oil (C10-C32)	U	1.3	4.8	mg/kg		NWTPH-HC	05/28/09	1
Hydraulic Fluid (C12-C33)	U	1.3	4.8	mg/kg		NWTPH-HC	05/28/09	1
Motor Oil (C16-C40)	4.2	3.3	12.	mg/kg	J	NWTPH-HC	05/28/09	1
Surrogate recovery(%)								
o-Terphenyl	91.2			% Rec.		NWTPH-HC	05/28/09	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	U	0.0013	0.0073	mg/kg		8270C-SI	05/22/09	1

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REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 24, 2009

Date Received : May 21, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-3B-10.5FT
Collected By : C. Kramer
Collection Date : 05/20/09 00:00

ESC Sample # : L403723-03

Site ID :

Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
Acenaphthene	0.0025	0.0013	0.0073	mg/kg	JJ3	8270C-SI	05/22/09	1
Acenaphthylene	U	0.0011	0.0073	mg/kg	J3	8270C-SI	05/22/09	1
Benzo(a)anthracene	U	0.00096	0.0073	mg/kg	J3	8270C-SI	05/22/09	1
Benzo(a)pyrene	U	0.00083	0.0073	mg/kg	J3	8270C-SI	05/22/09	1
Benzo(b)fluoranthene	U	0.0014	0.0073	mg/kg	J3	8270C-SI	05/22/09	1
Benzo(g,h,i)perylene	U	0.00098	0.0073	mg/kg	J3	8270C-SI	05/22/09	1
Benzo(k)fluoranthene	U	0.0012	0.0073	mg/kg	J3	8270C-SI	05/22/09	1
Chrysene	U	0.00087	0.0073	mg/kg	J3	8270C-SI	05/22/09	1
Dibenz(a,h)anthracene	U	0.00089	0.0073	mg/kg	J3	8270C-SI	05/22/09	1
Fluoranthene	U	0.00081	0.0073	mg/kg	J3	8270C-SI	05/22/09	1
Fluorene	U	0.0010	0.0073	mg/kg	J3	8270C-SI	05/22/09	1
Indeno(1,2,3-cd)pyrene	U	0.00088	0.0073	mg/kg	J3	8270C-SI	05/22/09	1
Naphthalene	0.0054	0.0014	0.0073	mg/kg	JJ3	8270C-SI	05/22/09	1
Phenanthrene	U	0.00098	0.0073	mg/kg	J3	8270C-SI	05/22/09	1
Pyrene	U	0.00096	0.0073	mg/kg	J3	8270C-SI	05/22/09	1
1-Methylnaphthalene	U	0.0015	0.0073	mg/kg	J3	8270C-SI	05/22/09	1
2-Methylnaphthalene	U	0.0020	0.0073	mg/kg	J3	8270C-SI	05/22/09	1
2-Chloronaphthalene	U	0.0010	0.0073	mg/kg	J3	8270C-SI	05/22/09	1
Surrogate Recovery								
Nitrobenzene-d5	62.4			% Rec.		8270C-SI	05/22/09	1
2-Fluorobiphenyl	74.9			% Rec.		8270C-SI	05/22/09	1
p-Terphenyl-d14	67.9			% Rec.		8270C-SI	05/22/09	1
Polychlorinated Biphenyls								
PCB 1016	U	0.0020	0.020	mg/kg		8082	05/27/09	1
PCB 1221	U	0.0049	0.020	mg/kg		8082	05/27/09	1
PCB 1232	U	0.0072	0.020	mg/kg		8082	05/27/09	1
PCB 1242	U	0.0049	0.020	mg/kg		8082	05/27/09	1
PCB 1248	U	0.0027	0.020	mg/kg		8082	05/27/09	1
PCB 1254	U	0.0050	0.020	mg/kg		8082	05/27/09	1
PCB 1260	U	0.0028	0.020	mg/kg		8082	05/27/09	1
PCBs Surrogates								
Decachlorobiphenyl	64.2			% Rec.		8082	05/27/09	1
Tetrachloro-m-xylene	76.1			% Rec.		8082	05/27/09	1

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REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 24, 2009

Date Received : May 21, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-3B-GW
Collected By : C. Kramer
Collection Date : 05/20/09 00:00

ESC Sample # : L403723-04

Site ID :

Project # : 008.0339.00001

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Gasoline Range (C7-C10)	U	33.	100	ug/l		NWTPH-H	05/27/09	1
Mineral Spirits	U	33.	100	ug/l		NWTPH-H	05/27/09	1
Kerosene (C9-C16)	U	33.	100	ug/l		NWTPH-H	05/27/09	1
Diesel (C7-C26)	U	33.	100	ug/l		NWTPH-H	05/27/09	1
#6 Fuel Oil (C10-C32)	U	33.	100	ug/l		NWTPH-H	05/27/09	1
Hydraulic Fluid (C12-C33)	U	33.	100	ug/l		NWTPH-H	05/27/09	1
Motor Oil (C16-C40)	U	160	500	ug/l		NWTPH-H	05/27/09	1
Surrogate recovery(%) o-Terphenyl	105.			% Rec.		NWTPH-H	05/27/09	1

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REPORT OF ANALYSIS

Chris Kramer
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1800 Blankenship Road, Suite 440
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June 24, 2009

Date Received : May 21, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-3A-GW
Collected By : C. Kramer
Collection Date : 05/20/09 11:00

ESC Sample # : L403723-05

Site ID :

Project # : 008.0339.00001

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Antimony	0.36	0.29	1.0	ug/l	J	6020	06/02/09	1
Antimony,Dissolved	0.86	0.29	1.0	ug/l	J	6020	06/04/09	1
Arsenic	7.7	0.22	1.0	ug/l		6020	06/02/09	1
Arsenic,Dissolved	1.2	0.22	1.0	ug/l		6020	06/04/09	1
Thallium	U	0.22	1.0	ug/l		6020	06/02/09	1
Thallium,Dissolved	U	0.22	1.0	ug/l		6020	06/04/09	1
Mercury	U	0.057	0.20	ug/l		7470A	05/27/09	1
Mercury,Dissolved	U	0.044	0.20	ug/l		7470A	06/02/09	1
Beryllium	0.76	0.75	2.0	ug/l	J	6010B	05/30/09	1
Beryllium,Dissolved	U	0.75	2.0	ug/l		6010B	06/03/09	1
Cadmium	1.3	0.74	5.0	ug/l	J	6010B	05/30/09	1
Cadmium,Dissolved	1.4	0.74	5.0	ug/l	J	6010B	06/03/09	1
Chromium	24.	2.0	10.	ug/l		6010B	05/30/09	1
Chromium,Dissolved	U	2.0	10.	ug/l		6010B	06/03/09	1
Copper	23.	6.0	20.	ug/l		6010B	05/30/09	1
Copper,Dissolved	U	6.0	20.	ug/l		6010B	06/03/09	1
Lead	11.	1.9	5.0	ug/l		6010B	05/30/09	1
Lead,Dissolved	U	1.9	5.0	ug/l		6010B	06/03/09	1
Nickel	18.	9.8	20.	ug/l	J	6010B	05/30/09	1
Nickel,Dissolved	U	9.8	20.	ug/l		6010B	06/03/09	1
Selenium	U	6.5	20.	ug/l	B3	6010B	05/30/09	1
Selenium,Dissolved	U	6.5	20.	ug/l		6010B	06/03/09	1
Silver	7.4	3.2	10.	ug/l	J	6010B	05/30/09	1
Silver,Dissolved	U	3.2	10.	ug/l		6010B	06/03/09	1
Zinc	76.	8.8	30.	ug/l		6010B	05/30/09	1
Zinc,Dissolved	U	8.8	30.	ug/l		6010B	06/03/09	1
Volatile Organics								
Acetone	U	8.9	25.	ug/l		8260B	05/29/09	1
Benzene	U	0.29	0.50	ug/l		8260B	05/29/09	1
Bromochloromethane	U	0.44	0.50	ug/l		8260B	05/29/09	1
Bromodichloromethane	U	0.37	0.50	ug/l		8260B	05/29/09	1
Bromoform	U	0.51	0.50	ug/l		8260B	05/29/09	1
Bromomethane	U	0.89	0.50	ug/l		8260B	05/29/09	1
2-Butanone (MEK)	U	4.5	2.5	ug/l		8260B	05/29/09	1
Carbon disulfide	0.52	0.32	0.50	ug/l		8260B	05/29/09	1
Carbon tetrachloride	U	0.31	0.50	ug/l		8260B	05/29/09	1
Chlorobenzene	U	0.26	0.50	ug/l		8260B	05/29/09	1
Chloroethane	U	0.86	0.50	ug/l		8260B	05/29/09	1
Chloroform	U	0.33	0.50	ug/l		8260B	05/29/09	1
Chloromethane	U	0.25	0.50	ug/l		8260B	05/29/09	1

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REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 24, 2009

Date Received : May 21, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-3A-GW
Collected By : C. Kramer
Collection Date : 05/20/09 11:00

ESC Sample # : L403723-05

Site ID :

Project # : 008.0339.00001

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
1,2-Dibromo-3-Chloropropane	U	0.48	1.0	ug/l		8260B	05/29/09	1
Chlorodibromomethane	U	0.42	0.50	ug/l		8260B	05/29/09	1
1,2-Dibromoethane	U	0.48	0.50	ug/l	J4J3	8260B	05/29/09	1
1,2-Dichlorobenzene	U	0.29	0.50	ug/l		8260B	05/29/09	1
1,3-Dichlorobenzene	U	0.19	0.50	ug/l		8260B	05/29/09	1
1,4-Dichlorobenzene	U	0.30	0.50	ug/l		8260B	05/29/09	1
Dichlorodifluoromethane	U	0.54	0.50	ug/l		8260B	05/29/09	1
1,1-Dichloroethane	U	0.31	0.50	ug/l		8260B	05/29/09	1
1,2-Dichloroethane	U	0.27	0.50	ug/l		8260B	05/29/09	1
1,1-Dichloroethene	U	0.50	0.50	ug/l		8260B	05/29/09	1
cis-1,2-Dichloroethene	U	0.38	0.50	ug/l		8260B	05/29/09	1
trans-1,2-Dichloroethene	U	0.30	0.50	ug/l		8260B	05/29/09	1
1,2-Dichloropropane	U	0.52	0.50	ug/l		8260B	05/29/09	1
cis-1,3-Dichloropropene	U	0.26	0.50	ug/l		8260B	05/29/09	1
trans-1,3-Dichloropropene	U	0.24	0.50	ug/l	J3	8260B	05/29/09	1
Ethylbenzene	U	0.22	0.50	ug/l		8260B	05/29/09	1
2-Hexanone	U	0.16	2.5	ug/l		8260B	05/29/09	1
Isopropylbenzene	U	0.19	0.50	ug/l		8260B	05/29/09	1
4-Methyl-2-pentanone (MIBK)	U	1.4	2.5	ug/l		8260B	05/29/09	1
Methyl tert-butyl ether	U	0.19	0.50	ug/l		8260B	05/29/09	1
Methylene Chloride	U	0.30	2.5	ug/l		8260B	05/29/09	1
Styrene	U	0.38	0.50	ug/l		8260B	05/29/09	1
1,1,2,2-Tetrachloroethane	U	0.22	0.50	ug/l		8260B	05/29/09	1
Tetrachloroethene	U	0.29	0.50	ug/l		8260B	05/29/09	1
Toluene	U	0.27	0.50	ug/l		8260B	05/29/09	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.22	0.50	ug/l		8260B	05/29/09	1
1,2,3-Trichlorobenzene	U	0.24	0.50	ug/l	J3	8260B	05/29/09	1
1,2,4-Trichlorobenzene	U	0.26	0.50	ug/l		8260B	05/29/09	1
1,1,1-Trichloroethane	U	0.27	0.50	ug/l		8260B	05/29/09	1
1,1,2-Trichloroethane	U	0.45	0.50	ug/l		8260B	05/29/09	1
Trichloroethene	U	0.37	0.50	ug/l		8260B	05/29/09	1
Trichlorofluoromethane	U	0.29	0.50	ug/l		8260B	05/29/09	1
Vinyl chloride	U	0.29	0.50	ug/l		8260B	05/29/09	1
Xylenes, Total	U	0.86	1.5	ug/l		8260B	05/29/09	1
Cyclohexane	U	0.30	1.0	ug/l	Q	8260B	06/22/09	1
1,4-Dioxane	U	33.	100	ug/l	Q	8260B	06/22/09	1
Methyl Acetate	U	6.6	20.	ug/l	Q	8260B	06/22/09	1
Methyl Cyclohexane	U	0.33	1.0	ug/l	Q	8260B	06/22/09	1
Surrogate Recovery								
Toluene-d8	97.2			% Rec.		8260B	05/29/09	1
Dibromofluoromethane	101.			% Rec.		8260B	05/29/09	1
4-Bromofluorobenzene	100.			% Rec.		8260B	05/29/09	1

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1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 24, 2009

Date Received : May 21, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-3A-GW
Collected By : C. Kramer
Collection Date : 05/20/09 11:00

ESC Sample # : L403723-05

Site ID :

Project # : 008.0339.00001

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Polynuclear Aromatic Hydrocarbons								
Anthracene	U	0.012	0.050	ug/l	J3	8270C-S	05/26/09	1
Acenaphthene	U	0.013	0.050	ug/l	J3	8270C-S	05/26/09	1
Acenaphthylene	U	0.017	0.050	ug/l	J3	8270C-S	05/26/09	1
Benzo(a)anthracene	U	0.023	0.050	ug/l		8270C-S	05/26/09	1
Benzo(a)pyrene	U	0.013	0.050	ug/l	J3	8270C-S	05/26/09	1
Benzo(b)fluoranthene	U	0.024	0.050	ug/l		8270C-S	05/26/09	1
Benzo(g,h,i)perylene	U	0.018	0.050	ug/l	J3	8270C-S	05/26/09	1
Benzo(k)fluoranthene	U	0.020	0.050	ug/l		8270C-S	05/26/09	1
Chrysene	U	0.018	0.050	ug/l		8270C-S	05/26/09	1
Dibenz(a,h)anthracene	U	0.013	0.050	ug/l	J3	8270C-S	05/26/09	1
Fluoranthene	U	0.020	0.050	ug/l		8270C-S	05/26/09	1
Fluorene	U	0.012	0.050	ug/l	J3	8270C-S	05/26/09	1
Indeno(1,2,3-cd)pyrene	U	0.015	0.050	ug/l	J3	8270C-S	05/26/09	1
Naphthalene	U	0.023	0.25	ug/l		8270C-S	05/26/09	1
Phenanthrene	U	0.018	0.050	ug/l		8270C-S	05/26/09	1
Pyrene	U	0.022	0.050	ug/l		8270C-S	05/26/09	1
1-Methylnaphthalene	U	0.014	0.25	ug/l		8270C-S	05/26/09	1
2-Methylnaphthalene	U	0.014	0.25	ug/l		8270C-S	05/26/09	1
2-Chloronaphthalene	U	0.014	0.25	ug/l		8270C-S	05/26/09	1
Surrogate Recovery								
Nitrobenzene-d5	65.4			% Rec.		8270C-S	05/26/09	1
2-Fluorobiphenyl	64.9			% Rec.		8270C-S	05/26/09	1
p-Terphenyl-d14	69.5			% Rec.		8270C-S	05/26/09	1

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Est. 1970

REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 24, 2009

Date Received : May 21, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-3B-GW
Collected By : C. Kramer
Collection Date : 05/20/09 00:00

ESC Sample # : L403723-06

Site ID :

Project # : 008.0339.00001

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Antimony	0.35	0.29	1.0	ug/l	J	6020	06/02/09	1
Antimony,Dissolved	0.62	0.29	1.0	ug/l	J	6020	06/04/09	1
Arsenic	10.	0.22	1.0	ug/l		6020	06/02/09	1
Arsenic,Dissolved	0.89	0.22	1.0	ug/l	J	6020	06/04/09	1
Thallium	U	0.22	1.0	ug/l		6020	06/02/09	1
Thallium,Dissolved	U	0.22	1.0	ug/l		6020	06/04/09	1
Mercury	U	0.057	0.20	ug/l		7470A	05/27/09	1
Mercury,Dissolved	U	0.044	0.20	ug/l		7470A	06/02/09	1
Beryllium	1.5	0.75	2.0	ug/l	J	6010B	05/30/09	1
Beryllium,Dissolved	U	0.75	2.0	ug/l		6010B	06/03/09	1
Cadmium	3.2	0.74	5.0	ug/l	J	6010B	05/30/09	1
Cadmium,Dissolved	0.89	0.74	5.0	ug/l	J	6010B	06/03/09	1
Chromium	64.	2.0	10.	ug/l		6010B	05/30/09	1
Chromium,Dissolved	U	2.0	10.	ug/l		6010B	06/03/09	1
Copper	38.	6.0	20.	ug/l		6010B	05/30/09	1
Copper,Dissolved	U	6.0	20.	ug/l		6010B	06/03/09	1
Lead	20.	1.9	5.0	ug/l		6010B	05/30/09	1
Lead,Dissolved	U	1.9	5.0	ug/l		6010B	06/03/09	1
Nickel	46.	9.8	20.	ug/l		6010B	05/30/09	1
Nickel,Dissolved	12.	9.8	20.	ug/l	J	6010B	06/03/09	1
Selenium	9.1	6.5	20.	ug/l	JB	6010B	05/30/09	1
Selenium,Dissolved	U	6.5	20.	ug/l		6010B	06/03/09	1
Silver	U	3.2	10.	ug/l		6010B	05/30/09	1
Silver,Dissolved	U	3.2	10.	ug/l		6010B	06/03/09	1
Zinc	86.	8.8	30.	ug/l		6010B	05/30/09	1
Zinc,Dissolved	U	8.8	30.	ug/l		6010B	06/03/09	1
Volatile Organics								
Acetone	U	8.9	25.	ug/l		8260B	05/29/09	1
Benzene	U	0.29	0.50	ug/l		8260B	05/29/09	1
Bromochloromethane	U	0.44	0.50	ug/l		8260B	05/29/09	1
Bromodichloromethane	U	0.37	0.50	ug/l		8260B	05/29/09	1
Bromoform	U	0.51	0.50	ug/l		8260B	05/29/09	1
Bromomethane	U	0.89	0.50	ug/l		8260B	05/29/09	1
2-Butanone (MEK)	U	4.5	2.5	ug/l		8260B	05/29/09	1
Carbon disulfide	U	0.32	0.50	ug/l		8260B	05/29/09	1
Carbon tetrachloride	U	0.31	0.50	ug/l		8260B	05/29/09	1
Chlorobenzene	U	0.26	0.50	ug/l		8260B	05/29/09	1
Chloroethane	U	0.86	0.50	ug/l		8260B	05/29/09	1
Chloroform	U	0.33	0.50	ug/l		8260B	05/29/09	1
Chloromethane	U	0.25	0.50	ug/l		8260B	05/29/09	1

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SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 24, 2009

Date Received : May 21, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-3B-GW
Collected By : C. Kramer
Collection Date : 05/20/09 00:00

ESC Sample # : L403723-06

Site ID :

Project # : 008.0339.00001

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
1,2-Dibromo-3-Chloropropane	U	0.48	1.0	ug/l		8260B	05/29/09	1
Chlorodibromomethane	U	0.42	0.50	ug/l		8260B	05/29/09	1
1,2-Dibromoethane	U	0.48	0.50	ug/l	J4J3	8260B	05/29/09	1
1,2-Dichlorobenzene	U	0.29	0.50	ug/l		8260B	05/29/09	1
1,3-Dichlorobenzene	U	0.19	0.50	ug/l		8260B	05/29/09	1
1,4-Dichlorobenzene	U	0.30	0.50	ug/l		8260B	05/29/09	1
Dichlorodifluoromethane	U	0.54	0.50	ug/l		8260B	05/29/09	1
1,1-Dichloroethane	U	0.31	0.50	ug/l		8260B	05/29/09	1
1,2-Dichloroethane	U	0.27	0.50	ug/l		8260B	05/29/09	1
1,1-Dichloroethene	U	0.50	0.50	ug/l		8260B	05/29/09	1
cis-1,2-Dichloroethene	U	0.38	0.50	ug/l		8260B	05/29/09	1
trans-1,2-Dichloroethene	U	0.30	0.50	ug/l		8260B	05/29/09	1
1,2-Dichloropropane	U	0.52	0.50	ug/l		8260B	05/29/09	1
cis-1,3-Dichloropropene	U	0.26	0.50	ug/l		8260B	05/29/09	1
trans-1,3-Dichloropropene	U	0.24	0.50	ug/l	J3	8260B	05/29/09	1
Ethylbenzene	U	0.22	0.50	ug/l		8260B	05/29/09	1
2-Hexanone	U	0.16	2.5	ug/l		8260B	05/29/09	1
Isopropylbenzene	U	0.19	0.50	ug/l		8260B	05/29/09	1
4-Methyl-2-pentanone (MIBK)	U	1.4	2.5	ug/l		8260B	05/29/09	1
Methyl tert-butyl ether	U	0.19	0.50	ug/l		8260B	05/29/09	1
Methylene Chloride	U	0.30	2.5	ug/l		8260B	05/29/09	1
Styrene	U	0.38	0.50	ug/l		8260B	05/29/09	1
1,1,2,2-Tetrachloroethane	U	0.22	0.50	ug/l		8260B	05/29/09	1
Tetrachloroethene	U	0.29	0.50	ug/l		8260B	05/29/09	1
Toluene	U	0.27	0.50	ug/l		8260B	05/29/09	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.22	0.50	ug/l		8260B	05/29/09	1
1,2,3-Trichlorobenzene	U	0.24	0.50	ug/l	J3	8260B	05/29/09	1
1,2,4-Trichlorobenzene	U	0.26	0.50	ug/l		8260B	05/29/09	1
1,1,1-Trichloroethane	U	0.27	0.50	ug/l		8260B	05/29/09	1
1,1,2-Trichloroethane	U	0.45	0.50	ug/l		8260B	05/29/09	1
Trichloroethene	U	0.37	0.50	ug/l		8260B	05/29/09	1
Trichlorofluoromethane	U	0.29	0.50	ug/l		8260B	05/29/09	1
Vinyl chloride	U	0.29	0.50	ug/l		8260B	05/29/09	1
Xylenes, Total	U	0.86	1.5	ug/l		8260B	05/29/09	1
Cyclohexane	U	0.30	1.0	ug/l	Q	8260B	06/22/09	1
1,4-Dioxane	U	33.	100	ug/l	Q	8260B	06/22/09	1
Methyl Acetate	U	6.6	20.	ug/l	Q	8260B	06/22/09	1
Methyl Cyclohexane	U	0.33	1.0	ug/l	Q	8260B	06/22/09	1
Surrogate Recovery								
Toluene-d8	97.1			% Rec.		8260B	05/29/09	1
Dibromofluoromethane	101.			% Rec.		8260B	05/29/09	1
4-Bromofluorobenzene	100.			% Rec.		8260B	05/29/09	1

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June 24, 2009

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Description : Bay Wood Project - Everett, WA
Sample ID : PB-3B-GW
Collected By : C. Kramer
Collection Date : 05/20/09 00:00

ESC Sample # : L403723-06

Site ID :

Project # : 008.0339.00001

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Polynuclear Aromatic Hydrocarbons								
Anthracene	U	0.012	0.050	ug/l	J3	8270C-S	05/26/09	1
Acenaphthene	U	0.013	0.050	ug/l	J3	8270C-S	05/26/09	1
Acenaphthylene	U	0.017	0.050	ug/l	J3	8270C-S	05/26/09	1
Benzo(a)anthracene	U	0.023	0.050	ug/l		8270C-S	05/26/09	1
Benzo(a)pyrene	U	0.013	0.050	ug/l	J3	8270C-S	05/26/09	1
Benzo(b)fluoranthene	U	0.024	0.050	ug/l		8270C-S	05/26/09	1
Benzo(g,h,i)perylene	U	0.018	0.050	ug/l	J3	8270C-S	05/26/09	1
Benzo(k)fluoranthene	U	0.020	0.050	ug/l		8270C-S	05/26/09	1
Chrysene	U	0.018	0.050	ug/l		8270C-S	05/26/09	1
Dibenz(a,h)anthracene	U	0.013	0.050	ug/l	J3	8270C-S	05/26/09	1
Fluoranthene	U	0.020	0.050	ug/l		8270C-S	05/26/09	1
Fluorene	U	0.012	0.050	ug/l	J3	8270C-S	05/26/09	1
Indeno(1,2,3-cd)pyrene	U	0.015	0.050	ug/l	J3	8270C-S	05/26/09	1
Naphthalene	U	0.023	0.25	ug/l		8270C-S	05/26/09	1
Phenanthrene	U	0.018	0.050	ug/l		8270C-S	05/26/09	1
Pyrene	U	0.022	0.050	ug/l		8270C-S	05/26/09	1
1-Methylnaphthalene	U	0.014	0.25	ug/l		8270C-S	05/26/09	1
2-Methylnaphthalene	U	0.014	0.25	ug/l		8270C-S	05/26/09	1
2-Chloronaphthalene	U	0.014	0.25	ug/l		8270C-S	05/26/09	1
Surrogate Recovery								
Nitrobenzene-d5		65.0		% Rec.		8270C-S	05/26/09	1
2-Fluorobiphenyl		68.5		% Rec.		8270C-S	05/26/09	1
p-Terphenyl-d14		77.6		% Rec.		8270C-S	05/26/09	1

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Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier	
L403723-01	WG422986	SAMP	2-Butanone (MEK)	R752526	J	
	WG427442	SAMP	Cyclohexane	R788346	Q	
	WG427442	SAMP	1,4-Dioxane	R788346	Q	
	WG427442	SAMP	Methyl Acetate	R788346	Q	
	WG427442	SAMP	Methyl Cyclohexane	R788346	Q	
	WG423321	SAMP	Arsenic	R753947	O	
	WG423321	SAMP	Thallium	R753947	O	
	WG422918	SAMP	Mercury	R752948	J	
	WG422912	SAMP	Acenaphthene	R751646	J3	
	WG422912	SAMP	Acenaphthylene	R751646	J3	
	WG422912	SAMP	Benzo(a)anthracene	R751646	J3	
	WG422912	SAMP	Benzo(a)pyrene	R751646	J3	
	WG422912	SAMP	Benzo(g,h,i)perylene	R751646	J3	
	WG422912	SAMP	Benzo(k)fluoranthene	R751646	J3	
	WG422912	SAMP	Dibenz(a,h)anthracene	R751646	J3	
	WG422912	SAMP	Fluoranthene	R751646	J3	
	WG422912	SAMP	Fluorene	R751646	J3	
	WG422912	SAMP	Indeno(1,2,3-cd)pyrene	R751646	J3	
	WG422912	SAMP	Naphthalene	R751646	J3	
	WG422912	SAMP	Phenanthrene	R751646	J3	
	WG422912	SAMP	Pyrene	R751646	J3	
	WG422912	SAMP	2-Methylnaphthalene	R751646	J3	
	L403723-03	WG422912	SAMP	2-Chloronaphthalene	R751646	J3
		WG422986	SAMP	Chloroform	R752526	J
		WG427442	SAMP	Cyclohexane	R788346	Q
WG427442		SAMP	1,4-Dioxane	R788346	Q	
WG427442		SAMP	Methyl Acetate	R788346	Q	
WG427442		SAMP	Methyl Cyclohexane	R788346	Q	
WG423361		SAMP	Arsenic	R763006	JP1	
WG423361		SAMP	Thallium	R763006	O	
WG423285		SAMP	Motor Oil (C16-C40)	R754330	J	
WG422912		SAMP	Acenaphthene	R751646	JJ3	
WG422912		SAMP	Acenaphthylene	R751646	J3	
WG422912		SAMP	Benzo(a)anthracene	R751646	J3	
WG422912		SAMP	Benzo(a)pyrene	R751646	J3	
WG422912		SAMP	Benzo(g,h,i)perylene	R751646	J3	
WG422912		SAMP	Benzo(k)fluoranthene	R751646	J3	
WG422912		SAMP	Dibenz(a,h)anthracene	R751646	J3	
WG422912		SAMP	Fluoranthene	R751646	J3	
WG422912		SAMP	Fluorene	R751646	J3	
WG422912		SAMP	Indeno(1,2,3-cd)pyrene	R751646	J3	
WG422912		SAMP	Naphthalene	R751646	JJ3	
WG422912		SAMP	Phenanthrene	R751646	J3	
WG422912		SAMP	Pyrene	R751646	J3	
WG422912		SAMP	2-Methylnaphthalene	R751646	J3	
WG422912		SAMP	2-Chloronaphthalene	R751646	J3	
L403723-05		WG423629	SAMP	1,2-Dibromoethane	R759806	J4J3
	WG423629	SAMP	trans-1,3-Dichloropropene	R759806	J3	
	WG423629	SAMP	1,2,3-Trichlorobenzene	R759806	J3	
	WG427744	SAMP	Cyclohexane	R789452	Q	
	WG427744	SAMP	1,4-Dioxane	R789452	Q	
	WG427744	SAMP	Methyl Acetate	R789452	Q	
	WG427744	SAMP	Methyl Cyclohexane	R789452	Q	
	WG423508	SAMP	Beryllium	R766126	J	
	WG423508	SAMP	Cadmium	R766126	J	
	WG424397	SAMP	Cadmium, Dissolved	R770647	J	
	WG423508	SAMP	Nickel	R766126	J	
	WG423508	SAMP	Selenium	R766126	B3	
	WG423508	SAMP	Silver	R766126	J	
	WG423479	SAMP	Antimony	R769466	J	
	WG424462	SAMP	Antimony, Dissolved	R775786	J	
	WG423185	SAMP	Anthracene	R755686	J3	
	WG423185	SAMP	Acenaphthene	R755686	J3	
	WG423185	SAMP	Acenaphthylene	R755686	J3	
	WG423185	SAMP	Benzo(a)pyrene	R755686	J3	
	WG423185	SAMP	Benzo(g,h,i)perylene	R755686	J3	
	WG423185	SAMP	Dibenz(a,h)anthracene	R755686	J3	
	WG423185	SAMP	Fluorene	R755686	J3	
	WG423185	SAMP	Indeno(1,2,3-cd)pyrene	R755686	J3	

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L403723-06	WG423629	SAMP	1,2-Dibromoethane	R759806	J4J3
	WG423629	SAMP	trans-1,3-Dichloropropene	R759806	J3
	WG423629	SAMP	1,2,3-Trichlorobenzene	R759806	J3
	WG427744	SAMP	Cyclohexane	R789452	Q
	WG427744	SAMP	1,4-Dioxane	R789452	Q
	WG427744	SAMP	Methyl Acetate	R789452	Q
	WG427744	SAMP	Methyl Cyclohexane	R789452	Q
	WG423508	SAMP	Beryllium	R766126	J
	WG423508	SAMP	Cadmium	R766126	J
	WG424397	SAMP	Cadmium, Dissolved	R770647	J
	WG424397	SAMP	Nickel, Dissolved	R770647	J
	WG423508	SAMP	Selenium	R766126	JB
	WG423479	SAMP	Antimony	R769466	J
	WG424462	SAMP	Antimony, Dissolved	R775786	J
	WG424462	SAMP	Arsenic, Dissolved	R775786	J
	WG423185	SAMP	Anthracene	R755686	J3
	WG423185	SAMP	Acenaphthene	R755686	J3
	WG423185	SAMP	Acenaphthylene	R755686	J3
	WG423185	SAMP	Benzo(a)pyrene	R755686	J3
	WG423185	SAMP	Benzo(g,h,i)perylene	R755686	J3
	WG423185	SAMP	Dibenz(a,h)anthracene	R755686	J3
	WG423185	SAMP	Fluorene	R755686	J3
	WG423185	SAMP	Indeno(1,2,3-cd)pyrene	R755686	J3

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
B3	(ESC) - The indicated compound was found in the associated method blank, but all reported samples were non-detect.
J	(EPA) - Estimated value below the lowest calibration point. Confidence correlates with concentration.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
P1	RPD value not applicable for sample concentrations less than 5 times the reporting limit.
O	(ESC) Sample diluted due to matrix interferences that impaired the ability to make an accurate analytical determination. The detection limit is elevated in order to reflect the necessary dilution.
Q	(ESC) Sample held beyond the accepted holding time.

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

Definitions

- Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.
- Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Difference.
- Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromatography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.
- TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Summary of Remarks For Samples Printed
06/24/09 at 12:52:46

TSR Signing Reports: 358
R5 - Desired TAT

Log all arsenic gw samples as ASG.

Sample: L403723-01 Account: SLRWLOR Received: 05/21/09 09:00 Due Date: 06/22/09 00:00 RPT Date: 06/23/09 10:31
Added SV8082 per JW. AV 5/26 - WA EIM EDD needed. UNI 480204 dor 6/16/09.

Sample: L403723-02 Account: SLRWLOR Received: 05/21/09 09:00 Due Date: 06/22/09 00:00 RPT Date: 06/23/09 10:31

Sample: L403723-03 Account: SLRWLOR Received: 05/21/09 09:00 Due Date: 06/22/09 00:00 RPT Date: 06/23/09 10:31
Added SV8082 per JW. AV 5/26

Sample: L403723-04 Account: SLRWLOR Received: 05/21/09 09:00 Due Date: 06/22/09 00:00 RPT Date: 06/23/09 10:31

Sample: L403723-05 Account: SLRWLOR Received: 05/21/09 09:00 Due Date: 06/22/09 00:00 RPT Date: 06/23/09 10:31
Added M6010PP per JW. AV 5/26 added M6010PP-D per JW-5/29-jd

Sample: L403723-06 Account: SLRWLOR Received: 05/21/09 09:00 Due Date: 06/22/09 00:00 RPT Date: 06/23/09 10:31
Added M6010PP per JW. AV 5/26 added M6010PP-D per JW-5/29-jd



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Quality Assurance Report
Level II

June 24, 2009

L403723

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
1-Methylnaphthalene	< .33	ppm			WG422912	05/22/09 10:36
2-Chloronaphthalene	< .33	ppm			WG422912	05/22/09 10:36
2-Methylnaphthalene	< .33	ppm			WG422912	05/22/09 10:36
Acenaphthene	< .33	ppm			WG422912	05/22/09 10:36
Acenaphthylene	< .33	ppm			WG422912	05/22/09 10:36
Anthracene	< .33	ppm			WG422912	05/22/09 10:36
Benzo(a)anthracene	< .33	ppm			WG422912	05/22/09 10:36
Benzo(a)pyrene	< .33	ppm			WG422912	05/22/09 10:36
Benzo(b)fluoranthene	< .33	ppm			WG422912	05/22/09 10:36
Benzo(g,h,i)perylene	< .33	ppm			WG422912	05/22/09 10:36
Benzo(k)fluoranthene	< .33	ppm			WG422912	05/22/09 10:36
Chrysene	< .33	ppm			WG422912	05/22/09 10:36
Dibenz(a,h)anthracene	< .33	ppm			WG422912	05/22/09 10:36
Fluoranthene	< .33	ppm			WG422912	05/22/09 10:36
Fluorene	< .33	ppm			WG422912	05/22/09 10:36
Indeno(1,2,3-cd)pyrene	< .33	ppm			WG422912	05/22/09 10:36
Naphthalene	< .33	ppm			WG422912	05/22/09 10:36
Phenanthrene	< .33	ppm			WG422912	05/22/09 10:36
Pyrene	< .33	ppm			WG422912	05/22/09 10:36
2-Fluorobiphenyl		% Rec.	88.77	30-120	WG422912	05/22/09 10:36
Nitrobenzene-d5		% Rec.	71.22	18-119	WG422912	05/22/09 10:36
p-Terphenyl-d14		% Rec.	95.01	23-143	WG422912	05/22/09 10:36
1,1,1-Trichloroethane	< .001	mg/kg			WG422986	05/22/09 13:15
1,1,2,2-Tetrachloroethane	< .001	mg/kg			WG422986	05/22/09 13:15
1,1,2-Trichloroethane	< .001	mg/kg			WG422986	05/22/09 13:15
1,1,2-Trichloro-1,2,2-trifluoroethane	< .001	mg/kg			WG422986	05/22/09 13:15
1,1-Dichloroethane	< .001	mg/kg			WG422986	05/22/09 13:15
1,1-Dichloroethene	< .001	mg/kg			WG422986	05/22/09 13:15
1,2,3-Trichlorobenzene	< .001	mg/kg			WG422986	05/22/09 13:15
1,2,4-Trichlorobenzene	< .001	mg/kg			WG422986	05/22/09 13:15
1,2-Dibromo-3-Chloropropane	< .005	mg/kg			WG422986	05/22/09 13:15
1,2-Dibromoethane	< .001	mg/kg			WG422986	05/22/09 13:15
1,2-Dichlorobenzene	< .001	mg/kg			WG422986	05/22/09 13:15
1,2-Dichloroethane	< .001	mg/kg			WG422986	05/22/09 13:15
1,2-Dichloropropane	< .001	mg/kg			WG422986	05/22/09 13:15
1,3-Dichlorobenzene	< .001	mg/kg			WG422986	05/22/09 13:15
1,4-Dichlorobenzene	< .001	mg/kg			WG422986	05/22/09 13:15
2-Butanone (MEK)	< .01	mg/kg			WG422986	05/22/09 13:15
2-Hexanone	< .01	mg/kg			WG422986	05/22/09 13:15
4-Methyl-2-pentanone (MIBK)	< .01	mg/kg			WG422986	05/22/09 13:15
Acetone	< .05	mg/kg			WG422986	05/22/09 13:15
Benzene	< .001	mg/kg			WG422986	05/22/09 13:15
Bromochloromethane	< .001	mg/kg			WG422986	05/22/09 13:15
Bromodichloromethane	< .001	mg/kg			WG422986	05/22/09 13:15
Bromoform	< .001	mg/kg			WG422986	05/22/09 13:15
Bromomethane	< .005	mg/kg			WG422986	05/22/09 13:15
Carbon disulfide	< .001	mg/kg			WG422986	05/22/09 13:15
Carbon tetrachloride	< .001	mg/kg			WG422986	05/22/09 13:15
Chlorobenzene	< .001	mg/kg			WG422986	05/22/09 13:15
Chlorodibromomethane	< .001	mg/kg			WG422986	05/22/09 13:15
Chloroethane	< .005	mg/kg			WG422986	05/22/09 13:15
Chloroform	< .005	mg/kg			WG422986	05/22/09 13:15
Chloromethane	< .001	mg/kg			WG422986	05/22/09 13:15
cis-1,2-Dichloroethene	< .001	mg/kg			WG422986	05/22/09 13:15
cis-1,3-Dichloropropene	< .001	mg/kg			WG422986	05/22/09 13:15
Dichlorodifluoromethane	< .005	mg/kg			WG422986	05/22/09 13:15
Ethylbenzene	< .001	mg/kg			WG422986	05/22/09 13:15

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Quality Assurance Report
Level II

L403723

June 24, 2009

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
Isopropylbenzene	< .001	mg/kg			WG422986	05/22/09 13:15
Methyl tert-butyl ether	< .001	mg/kg			WG422986	05/22/09 13:15
Methylene Chloride	< .005	mg/kg			WG422986	05/22/09 13:15
Styrene	< .001	mg/kg			WG422986	05/22/09 13:15
Tetrachloroethene	< .001	mg/kg			WG422986	05/22/09 13:15
Toluene	< .005	mg/kg			WG422986	05/22/09 13:15
trans-1,2-Dichloroethene	< .001	mg/kg			WG422986	05/22/09 13:15
trans-1,3-Dichloropropene	< .001	mg/kg			WG422986	05/22/09 13:15
Trichloroethene	< .001	mg/kg			WG422986	05/22/09 13:15
Trichlorofluoromethane	< .005	mg/kg			WG422986	05/22/09 13:15
Vinyl chloride	< .001	mg/kg			WG422986	05/22/09 13:15
4-Bromofluorobenzene		% Rec.	103.5	59-140	WG422986	05/22/09 13:15
Dibromofluoromethane		% Rec.	102.5	63-139	WG422986	05/22/09 13:15
Toluene-d8		% Rec.	98.14	84-116	WG422986	05/22/09 13:15
Mercury	< .02	mg/kg			WG422918	05/25/09 11:23
Antimony	< 1	mg/kg			WG423321	05/26/09 12:31
Arsenic	< 1	mg/kg			WG423321	05/26/09 12:31
Beryllium	< .1	mg/kg			WG423321	05/26/09 12:31
Cadmium	< .25	mg/kg			WG423321	05/26/09 12:31
Chromium	< .5	mg/kg			WG423321	05/26/09 12:31
Copper	< 1	mg/kg			WG423321	05/26/09 12:31
Nickel	< 1	mg/kg			WG423321	05/26/09 12:31
Selenium	< 1	mg/kg			WG423321	05/26/09 12:31
Silver	< .5	mg/kg			WG423321	05/26/09 12:31
Thallium	< 1	mg/kg			WG423321	05/26/09 12:31
Zinc	< 1.5	mg/kg			WG423321	05/26/09 12:31
#6 Fuel Oil (C10-C32)	< .1	mg/l			WG422935	05/26/09 10:27
Diesel (C7-C26)	< .1	mg/l			WG422935	05/26/09 10:27
Hydraulic Fluid (C12-C33)	< .1	mg/l			WG422935	05/26/09 10:27
Kerosene (C9-C16)	< .1	mg/l			WG422935	05/26/09 10:27
Mineral Spirits	< .1	mg/l			WG422935	05/26/09 10:27
Motor Oil (C16-C40)	< .25	mg/l			WG422935	05/26/09 10:27
o-Terphenyl		% Rec.	106.9	50-150	WG422935	05/26/09 10:27
#6 Fuel Oil (C10-C32)	< 4	mg/kg			WG423285	05/26/09 12:02
Diesel (C7-C26)	< 4	mg/kg			WG423285	05/26/09 12:02
Hydraulic Fluid (C12-C33)	< 4	mg/kg			WG423285	05/26/09 12:02
Kerosene (C9-C16)	< 4	mg/kg			WG423285	05/26/09 12:02
Mineral Spirits	< 4	mg/kg			WG423285	05/26/09 12:02
Motor Oil (C16-C40)	< 10	mg/kg			WG423285	05/26/09 12:02
o-Terphenyl		% Rec.	105.9	50-150	WG423285	05/26/09 12:02
Lead	< .25	mg/kg			WG423321	05/26/09 15:54
Total Solids	< .1	%			WG423158	05/26/09 10:28
1-Methylnaphthalene	< .01	ppm			WG423185	05/26/09 11:39
2-Chloronaphthalene	< .01	ppm			WG423185	05/26/09 11:39
2-Methylnaphthalene	< .01	ppm			WG423185	05/26/09 11:39

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Quality Assurance Report
Level II

June 24, 2009

L403723

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
Acenaphthene	< .01	ppm			WG423185	05/26/09 11:39
Acenaphthylene	< .01	ppm			WG423185	05/26/09 11:39
Anthracene	< .01	ppm			WG423185	05/26/09 11:39
Benzo(a)anthracene	< .01	ppm			WG423185	05/26/09 11:39
Benzo(a)pyrene	< .01	ppm			WG423185	05/26/09 11:39
Benzo(b)fluoranthene	< .01	ppm			WG423185	05/26/09 11:39
Benzo(g,h,i)perylene	< .01	ppm			WG423185	05/26/09 11:39
Benzo(k)fluoranthene	< .01	ppm			WG423185	05/26/09 11:39
Chrysene	< .01	ppm			WG423185	05/26/09 11:39
Dibenz(a,h)anthracene	< .01	ppm			WG423185	05/26/09 11:39
Fluoranthene	< .01	ppm			WG423185	05/26/09 11:39
Fluorene	< .01	ppm			WG423185	05/26/09 11:39
Indeno(1,2,3-cd)pyrene	< .01	ppm			WG423185	05/26/09 11:39
Naphthalene	< .01	ppm			WG423185	05/26/09 11:39
Phenanthrene	< .01	ppm			WG423185	05/26/09 11:39
Pyrene	< .01	ppm			WG423185	05/26/09 11:39
2-Fluorobiphenyl		% Rec.	76.01	26-122	WG423185	05/26/09 11:39
Nitrobenzene-d5		% Rec.	72.28	12-120	WG423185	05/26/09 11:39
p-Terphenyl-d14		% Rec.	89.35	34-149	WG423185	05/26/09 11:39
Mercury	< .0002	mg/l			WG423435	05/27/09 11:16
PCB 1016	< .017	mg/kg			WG423525	05/27/09 17:26
PCB 1221	< .017	mg/kg			WG423525	05/27/09 17:26
PCB 1232	< .017	mg/kg			WG423525	05/27/09 17:26
PCB 1242	< .017	mg/kg			WG423525	05/27/09 17:26
PCB 1248	< .017	mg/kg			WG423525	05/27/09 17:26
PCB 1254	< .017	mg/kg			WG423525	05/27/09 17:26
PCB 1260	< .017	mg/kg			WG423525	05/27/09 17:26
Decachlorobiphenyl		% Rec.	133.2*	18.9-115.8	WG423525	05/27/09 17:26
Tetrachloro-m-xylene		% Rec.	110.4	31.8-115.7	WG423525	05/27/09 17:26
1,1,1-Trichloroethane	< .0005	mg/l			WG423629	05/29/09 01:20
1,1,2,2-Tetrachloroethane	< .0005	mg/l			WG423629	05/29/09 01:20
1,1,2-Trichloroethane	< .0005	mg/l			WG423629	05/29/09 01:20
1,1,2-Trichloro-1,2,2-trifluoroethane	< .0005	mg/l			WG423629	05/29/09 01:20
1,1-Dichloroethane	< .0005	mg/l			WG423629	05/29/09 01:20
1,1-Dichloroethene	< .0005	mg/l			WG423629	05/29/09 01:20
1,2,3-Trichlorobenzene	< .0005	mg/l			WG423629	05/29/09 01:20
1,2,4-Trichlorobenzene	< .0005	mg/l			WG423629	05/29/09 01:20
1,2-Dibromo-3-Chloropropane	< .001	mg/l			WG423629	05/29/09 01:20
1,2-Dibromoethane	< .0005	mg/l			WG423629	05/29/09 01:20
1,2-Dichlorobenzene	< .0005	mg/l			WG423629	05/29/09 01:20
1,2-Dichloroethane	< .0005	mg/l			WG423629	05/29/09 01:20
1,2-Dichloropropane	< .0005	mg/l			WG423629	05/29/09 01:20
1,3-Dichlorobenzene	< .0005	mg/l			WG423629	05/29/09 01:20
1,4-Dichlorobenzene	< .0005	mg/l			WG423629	05/29/09 01:20
2-Butanone (MEK)	< .0025	mg/l			WG423629	05/29/09 01:20
2-Hexanone	< .0025	mg/l			WG423629	05/29/09 01:20
4-Methyl-2-pentanone (MIBK)	< .0025	mg/l			WG423629	05/29/09 01:20
Acetone	< .025	mg/l			WG423629	05/29/09 01:20
Benzene	< .0005	mg/l			WG423629	05/29/09 01:20
Bromochloromethane	< .0005	mg/l			WG423629	05/29/09 01:20
Bromodichloromethane	< .0005	mg/l			WG423629	05/29/09 01:20
Bromoform	< .0005	mg/l			WG423629	05/29/09 01:20
Bromomethane	< .0005	mg/l			WG423629	05/29/09 01:20

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Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
Carbon disulfide	< .0005	mg/l			WG423629	05/29/09 01:20
Carbon tetrachloride	< .0005	mg/l			WG423629	05/29/09 01:20
Chlorobenzene	< .0005	mg/l			WG423629	05/29/09 01:20
Chlorodibromomethane	< .0005	mg/l			WG423629	05/29/09 01:20
Chloroethane	< .0005	mg/l			WG423629	05/29/09 01:20
Chloroform	< .0005	mg/l			WG423629	05/29/09 01:20
Chloromethane	< .0005	mg/l			WG423629	05/29/09 01:20
cis-1,2-Dichloroethene	< .0005	mg/l			WG423629	05/29/09 01:20
cis-1,3-Dichloropropene	< .0005	mg/l			WG423629	05/29/09 01:20
Dichlorodifluoromethane	< .0005	mg/l			WG423629	05/29/09 01:20
Ethylbenzene	< .0005	mg/l			WG423629	05/29/09 01:20
Isopropylbenzene	< .0005	mg/l			WG423629	05/29/09 01:20
Methyl tert-butyl ether	< .0005	mg/l			WG423629	05/29/09 01:20
Methylene Chloride	< .0025	mg/l			WG423629	05/29/09 01:20
Styrene	< .0005	mg/l			WG423629	05/29/09 01:20
Tetrachloroethene	< .0005	mg/l			WG423629	05/29/09 01:20
Toluene	< .0005	mg/l			WG423629	05/29/09 01:20
trans-1,2-Dichloroethene	< .0005	mg/l			WG423629	05/29/09 01:20
trans-1,3-Dichloropropene	< .0005	mg/l			WG423629	05/29/09 01:20
Trichloroethene	< .0005	mg/l			WG423629	05/29/09 01:20
Trichlorofluoromethane	< .0005	mg/l			WG423629	05/29/09 01:20
Vinyl chloride	< .0005	mg/l			WG423629	05/29/09 01:20
4-Bromofluorobenzene		% Rec.	99.83	75-128	WG423629	05/29/09 01:20
Dibromofluoromethane		% Rec.	99.79	79-125	WG423629	05/29/09 01:20
Toluene-d8		% Rec.	97.36	87-114	WG423629	05/29/09 01:20
Antimony	< 1	mg/kg			WG423361	05/29/09 03:34
Arsenic	< 1	mg/kg			WG423361	05/29/09 03:34
Beryllium	< .1	mg/kg			WG423361	05/29/09 03:34
Cadmium	< .25	mg/kg			WG423361	05/29/09 03:34
Chromium	< .5	mg/kg			WG423361	05/29/09 03:34
Copper	< 1	mg/kg			WG423361	05/29/09 03:34
Lead	< .25	mg/kg			WG423361	05/29/09 03:34
Nickel	< 1	mg/kg			WG423361	05/29/09 03:34
Selenium	< 1	mg/kg			WG423361	05/29/09 03:34
Silver	< .5	mg/kg			WG423361	05/29/09 03:34
Thallium	< 1	mg/kg			WG423361	05/29/09 03:34
Zinc	< 1.5	mg/kg			WG423361	05/29/09 03:34
Beryllium	< .002	mg/l			WG423508	05/30/09 15:55
Cadmium	< .005	mg/l			WG423508	05/30/09 15:55
Chromium	< .01	mg/l			WG423508	05/30/09 15:55
Copper	< .02	mg/l			WG423508	05/30/09 15:55
Lead	< .005	mg/l			WG423508	05/30/09 15:55
Nickel	< .02	mg/l			WG423508	05/30/09 15:55
Selenium	< .02	mg/l			WG423508	05/30/09 15:55
Silver	< .01	mg/l			WG423508	05/30/09 15:55
Zinc	< .03	mg/l			WG423508	05/30/09 15:55
Mercury, Dissolved	< .0002	mg/l			WG423970	06/02/09 20:53
Antimony	< .001	mg/l			WG423479	06/02/09 18:16
Arsenic	< .001	mg/l			WG423479	06/02/09 18:16
Thallium	< .001	mg/l			WG423479	06/02/09 18:16

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Quality Assurance Report
Level II

June 24, 2009

L403723

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
Beryllium,Dissolved	< .002	mg/l			WG424397	06/03/09 18:27
Cadmium,Dissolved	< .005	mg/l			WG424397	06/03/09 18:27
Chromium,Dissolved	< .01	mg/l			WG424397	06/03/09 18:27
Copper,Dissolved	< .02	mg/l			WG424397	06/03/09 18:27
Lead,Dissolved	< .005	mg/l			WG424397	06/03/09 18:27
Selenium,Dissolved	< .02	mg/l			WG424397	06/03/09 18:27
Silver,Dissolved	< .01	mg/l			WG424397	06/03/09 18:27
Zinc,Dissolved	< .03	mg/l			WG424397	06/03/09 18:27
Nickel,Dissolved	< .02	mg/l			WG424397	06/03/09 15:56
Antimony,Dissolved	< .001	mg/l			WG424462	06/04/09 18:21
Arsenic,Dissolved	< .001	mg/l			WG424462	06/04/09 18:21
Thallium,Dissolved	< .001	mg/l			WG424462	06/04/09 18:21
1,4-Dioxane	< .004	mg/l			WG427744	06/22/09 21:21
4-Bromofluorobenzene		% Rec.	91.74	75-128	WG427744	06/22/09 21:21
Dibromofluoromethane		% Rec.	101.1	79-125	WG427744	06/22/09 21:21
Toluene-d8		% Rec.	95.38	87-114	WG427744	06/22/09 21:21

Analyte	Units	Duplicate		RPD	Limit	Ref Samp	Batch
		Result	Duplicate				
Mercury	mg/kg	0.00	0.00	0.00	20	L403700-34	WG422918
Antimony	mg/kg	0.00	0.00	0.00	20	L403700-34	WG423321
Arsenic	mg/kg	5.41	5.70	5.22	20	L403700-34	WG423321
Beryllium	mg/kg	0.680	0.00	NA	20	L403700-34	WG423321
Cadmium	mg/kg	0.00	0.00	0.00	20	L403700-34	WG423321
Chromium	mg/kg	17.2	17.0	1.17	20	L403700-34	WG423321
Copper	mg/kg	20.9	16.0	26.6*	20	L403700-34	WG423321
Lead	mg/kg	5.90	5.80	1.71	20	L403700-34	WG423321
Nickel	mg/kg	9.94	7.90	22.9*	20	L403700-34	WG423321
Selenium	mg/kg	0.00	0.00	0.00	20	L403700-34	WG423321
Silver	mg/kg	0.00	0.00	0.00	20	L403700-34	WG423321
Zinc	mg/kg	16.1	17.1	6.02	20	L403700-34	WG423321
Thallium	mg/kg	0.00	0.00	0.00	20	L403700-34	WG423321
Total Solids	%	67.8	67.4	0.565	5	L403738-08	WG423158
Mercury	mg/l	0.00	0.00	0.00	20	L404249-33	WG423435
Antimony	mg/kg	0.00	0.00	0.00	20	L403723-03	WG423361
Arsenic	mg/kg	0.00	0.550	NA	20	L403723-03	WG423361
Beryllium	mg/kg	0.501	0.460	8.53	20	L403723-03	WG423361
Cadmium	mg/kg	0.00	0.00	0.00	20	L403723-03	WG423361
Chromium	mg/kg	23.4	24.0	2.53	20	L403723-03	WG423361
Copper	mg/kg	15.2	14.0	8.22	20	L403723-03	WG423361
Lead	mg/kg	3.94	3.60	9.02	20	L403723-03	WG423361
Nickel	mg/kg	19.3	21.0	8.44	20	L403723-03	WG423361
Selenium	mg/kg	0.00	0.00	0.00	20	L403723-03	WG423361
Silver	mg/kg	0.00	0.00	0.00	20	L403723-03	WG423361
Zinc	mg/kg	39.5	38.0	3.87	20	L403723-03	WG423361

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Analyte	Units	Duplicate		RPD	Limit	Ref Samp	Batch
		Result	Duplicate				
Thallium	mg/kg	0.00	0.00	0.00	20	L403723-03	WG423361
Beryllium	mg/l	0.00	0.00	0.00	20	L403830-04	WG423508
Cadmium	mg/l	0.00	0.000680	NA	20	L403830-04	WG423508
Chromium	mg/l	0.00	0.00370	NA	20	L403830-04	WG423508
Copper	mg/l	0.00	0.0165	NA	20	L403830-04	WG423508
Nickel	mg/l	0.00	0.00	0.00	20	L403830-04	WG423508
Selenium	mg/l	0.00	0.00850	NA	20	L403830-04	WG423508
Silver	mg/l	0.00	0.00	0.00	20	L403830-04	WG423508
Zinc	mg/l	0.00	0.0252	NA	20	L403830-04	WG423508
Mercury, Dissolved	mg/l	0.00	0.00	0.00	20	L404736-23	WG423970
Antimony	mg/l	0.00	0.00	0.00	20	L403687-07	WG423479
Arsenic	mg/l	0.00452	0.00380	17.3	20	L403687-07	WG423479
Thallium	mg/l	0.00	0.00	0.00	20	L403687-07	WG423479
Lead	mg/l	0.00578	0.0110	62.2*	20	L403830-04	WG423508
Beryllium, Dissolved	mg/l	0.00	0.00	0.00	20	L405024-06	WG424397
Cadmium, Dissolved	mg/l	0.00	0.00	0.00	20	L405024-06	WG424397
Chromium, Dissolved	mg/l	0.00	0.00	0.00	20	L405024-06	WG424397
Copper, Dissolved	mg/l	0.00	0.00	0.00	20	L405024-06	WG424397
Lead, Dissolved	mg/l	0.0120	0.0130	8.00	20	L405024-06	WG424397
Nickel, Dissolved	mg/l	0.00	0.00	0.00	20	L405024-06	WG424397
Selenium, Dissolved	mg/l	0.00	0.00	0.00	20	L405024-06	WG424397
Silver, Dissolved	mg/l	0.00	0.00	0.00	20	L405024-06	WG424397
Zinc, Dissolved	mg/l	0.00	0.00	0.00	20	L405024-06	WG424397
Antimony, Dissolved	mg/l	0.00	0.00	0.00	20	L405024-12	WG424462
Arsenic, Dissolved	mg/l	0.314	0.320	1.89	20	L405024-12	WG424462
Thallium, Dissolved	mg/l	0.00	0.00	0.00	20	L405024-12	WG424462

Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
1-Methylnaphthalene	ppm	.033	0.0224	68.0	41-110	WG422912
2-Chloronaphthalene	ppm	.033	0.0221	66.9	43-109	WG422912
2-Methylnaphthalene	ppm	.033	0.0208	62.9	38-104	WG422912
Acenaphthene	ppm	.033	0.0224	67.9	48-103	WG422912
Acenaphthylene	ppm	.033	0.0224	67.9	43-106	WG422912
Anthracene	ppm	.033	0.0242	73.2	51-110	WG422912
Benzo(a)anthracene	ppm	.033	0.0220	66.8	38-126	WG422912
Benzo(a)pyrene	ppm	.033	0.0241	73.1	47-118	WG422912
Benzo(b)fluoranthene	ppm	.033	0.0251	76.0	47-118	WG422912
Benzo(g,h,i)perylene	ppm	.033	0.0263	79.7	40-125	WG422912
Benzo(k)fluoranthene	ppm	.033	0.0221	67.1	45-121	WG422912
Chrysene	ppm	.033	0.0222	67.2	35-135	WG422912
Dibenz(a,h)anthracene	ppm	.033	0.0261	79.1	41-124	WG422912
Fluoranthene	ppm	.033	0.0234	71.0	50-114	WG422912
Fluorene	ppm	.033	0.0234	70.8	49-109	WG422912
Indeno(1,2,3-cd)pyrene	ppm	.033	0.0257	78.0	40-126	WG422912
Naphthalene	ppm	.033	0.0206	62.4	36-100	WG422912

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Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
Phenanthrene	ppm	.033	0.0199	60.2	46-108	WG422912
Pyrene	ppm	.033	0.0200	60.7	30-136	WG422912
2-Fluorobiphenyl				68.97	30-120	WG422912
Nitrobenzene-d5				51.05	18-119	WG422912
p-Terphenyl-d14				75.56	23-143	WG422912
1,1,1-Trichloroethane	mg/kg	.05	0.0540	108.	62-135	WG422986
1,1,2,2-Tetrachloroethane	mg/kg	.05	0.0506	101.	74-129	WG422986
1,1,2-Trichloroethane	mg/kg	.05	0.0480	96.1	77-124	WG422986
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	.05	0.0502	100.	49-155	WG422986
1,1-Dichloroethane	mg/kg	.05	0.0513	103.	61-134	WG422986
1,1-Dichloroethene	mg/kg	.05	0.0563	113.	53-136	WG422986
1,2,3-Trichlorobenzene	mg/kg	.05	0.0527	105.	62-146	WG422986
1,2,4-Trichlorobenzene	mg/kg	.05	0.0537	107.	61-148	WG422986
1,2-Dibromo-3-Chloropropane	mg/kg	.05	0.0498	99.6	61-134	WG422986
1,2-Dibromoethane	mg/kg	.05	0.0499	99.8	76-127	WG422986
1,2-Dichlorobenzene	mg/kg	.05	0.0470	94.0	77-123	WG422986
1,2-Dichloroethane	mg/kg	.05	0.0515	103.	58-141	WG422986
1,2-Dichloropropane	mg/kg	.05	0.0494	98.9	71-128	WG422986
1,3-Dichlorobenzene	mg/kg	.05	0.0485	97.1	71-132	WG422986
1,4-Dichlorobenzene	mg/kg	.05	0.0514	103.	72-123	WG422986
2-Butanone (MEK)	mg/kg	.25	0.252	101.	51-131	WG422986
2-Hexanone	mg/kg	.25	0.263	105.	62-145	WG422986
4-Methyl-2-pentanone (MIBK)	mg/kg	.25	0.278	111.	61-143	WG422986
Acetone	mg/kg	.25	0.263	105.	44-140	WG422986
Benzene	mg/kg	.05	0.0522	104.	65-128	WG422986
Bromochloromethane	mg/kg	.05	0.0501	100.	73-130	WG422986
Bromodichloromethane	mg/kg	.05	0.0569	114.	66-126	WG422986
Bromoform	mg/kg	.05	0.0465	92.9	64-139	WG422986
Bromomethane	mg/kg	.05	0.0512	102.	41-175	WG422986
Carbon disulfide	mg/kg	.05	0.0467	93.5	36-161	WG422986
Carbon tetrachloride	mg/kg	.05	0.0547	109.	60-140	WG422986
Chlorobenzene	mg/kg	.05	0.0498	99.6	75-125	WG422986
Chlorodibromomethane	mg/kg	.05	0.0533	107.	72-137	WG422986
Chloroethane	mg/kg	.05	0.0496	99.2	44-159	WG422986
Chloroform	mg/kg	.05	0.0504	101.	63-123	WG422986
Chloromethane	mg/kg	.05	0.0472	94.4	42-149	WG422986
cis-1,2-Dichloroethene	mg/kg	.05	0.0535	107.	71-129	WG422986
cis-1,3-Dichloropropene	mg/kg	.05	0.0552	110.	73-132	WG422986
Dichlorodifluoromethane	mg/kg	.05	0.0468	93.5	26-186	WG422986
Ethylbenzene	mg/kg	.05	0.0498	99.6	74-128	WG422986
Isopropylbenzene	mg/kg	.05	0.0528	106.	73-130	WG422986
Methyl tert-butyl ether	mg/kg	.05	0.0523	105.	44-148	WG422986
Methylene Chloride	mg/kg	.05	0.0477	95.4	57-129	WG422986
Styrene	mg/kg	.05	0.0546	109.	76-133	WG422986
Tetrachloroethene	mg/kg	.05	0.0466	93.3	65-135	WG422986
Toluene	mg/kg	.05	0.0507	101.	70-120	WG422986
trans-1,2-Dichloroethene	mg/kg	.05	0.0492	98.4	61-133	WG422986
trans-1,3-Dichloropropene	mg/kg	.05	0.0561	112.	70-135	WG422986
Trichloroethene	mg/kg	.05	0.0500	100.	71-126	WG422986
Trichlorofluoromethane	mg/kg	.05	0.0555	111.	52-147	WG422986
Vinyl chloride	mg/kg	.05	0.0480	96.0	50-151	WG422986
4-Bromofluorobenzene				103.0	59-140	WG422986
Dibromofluoromethane				103.5	63-139	WG422986
Toluene-d8				100.2	84-116	WG422986
Mercury	mg/kg	8.77	10.2	116.	71.6-127.7	WG422918

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Level II

L403723

June 24, 2009

Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
Antimony	mg/kg	85.1	42.5	49.9	1.2-242.1	WG423321
Arsenic	mg/kg	192	185.	96.4	78.6-120.8	WG423321
Beryllium	mg/kg	69.3	69.4	100.	79.8-120.1	WG423321
Cadmium	mg/kg	70.1	65.3	93.2	78.5-121.5	WG423321
Chromium	mg/kg	168	171.	102.	80.4-120.2	WG423321
Copper	mg/kg	122	128.	105.	81.6-119.7	WG423321
Lead	mg/kg	113	111.	98.2	77.3-122.1	WG423321
Nickel	mg/kg	74.1	76.3	103.	78.8-121.2	WG423321
Selenium	mg/kg	176	167.	94.9	75.6-125.0	WG423321
Silver	mg/kg	115	112.	97.4	66-133.9	WG423321
Thallium	mg/kg	111	87.7	79.0	77.6-122.5	WG423321
Zinc	mg/kg	437	419.	95.9	78.5-121.7	WG423321
Diesel (C7-C26)	mg/l	.75	0.624	83.2	50-150	WG422935
Motor Oil (C16-C40)	mg/l	.75	0.556	74.2	50-150	WG422935
o-Terphenyl				94.64	50-150	WG422935
Diesel (C7-C26)	mg/kg	30	23.6	78.6	50-150	WG423285
Motor Oil (C16-C40)	mg/kg	30	22.8	75.9	50-150	WG423285
o-Terphenyl				87.53	50-150	WG423285
Total Solids	%	50	50.0	100.	85-115	WG423158
1-Methylnaphthalene	ppm	.001	0.000778	77.8	30-123	WG423185
2-Chloronaphthalene	ppm	.001	0.000766	76.6	34-120	WG423185
2-Methylnaphthalene	ppm	.001	0.000744	74.4	29-116	WG423185
Acenaphthene	ppm	.001	0.000827	82.7	40-113	WG423185
Acenaphthylene	ppm	.001	0.000839	83.9	36-115	WG423185
Anthracene	ppm	.001	0.000864	86.4	45-118	WG423185
Benzo(a)anthracene	ppm	.001	0.000763	76.3	36-129	WG423185
Benzo(a)pyrene	ppm	.001	0.000827	82.7	44-124	WG423185
Benzo(b)fluoranthene	ppm	.001	0.000760	76.0	43-126	WG423185
Benzo(g,h,i)perylene	ppm	.001	0.000818	81.8	39-128	WG423185
Benzo(k)fluoranthene	ppm	.001	0.000903	90.3	44-127	WG423185
Chrysene	ppm	.001	0.000760	76.0	36-137	WG423185
Dibenz(a,h)anthracene	ppm	.001	0.000818	81.8	39-129	WG423185
Fluoranthene	ppm	.001	0.000839	83.9	45-123	WG423185
Fluorene	ppm	.001	0.000843	84.3	41-118	WG423185
Indeno(1,2,3-cd)pyrene	ppm	.001	0.000828	82.8	39-129	WG423185
Naphthalene	ppm	.001	0.000739	73.9	26-111	WG423185
Phenanthrene	ppm	.001	0.000821	82.1	41-116	WG423185
Pyrene	ppm	.001	0.000738	73.8	32-136	WG423185
2-Fluorobiphenyl				75.37	26-122	WG423185
Nitrobenzene-d5				70.60	12-120	WG423185
p-Terphenyl-d14				81.41	34-149	WG423185
Mercury	mg/l	.003	0.00300	100.	85-115	WG423435
PCB 1260	mg/kg	.167	0.180	108.	62-131	WG423525
Decachlorobiphenyl				119.9*	18.9-115.8	WG423525
Tetrachloro-m-xylene				108.8	31.8-115.7	WG423525

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Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
1,1,1-Trichloroethane	mg/l	.025	0.0236	94.2	67-137	WG423629
1,1,2,2-Tetrachloroethane	mg/l	.025	0.0184	73.7	72-128	WG423629
1,1,2-Trichloroethane	mg/l	.025	0.0199	79.7	79-123	WG423629
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	.025	0.0206	82.3	51-149	WG423629
1,1-Dichloroethane	mg/l	.025	0.0238	95.4	67-133	WG423629
1,1-Dichloroethene	mg/l	.025	0.0241	96.4	60-130	WG423629
1,2,3-Trichlorobenzene	mg/l	.025	0.0207	82.8	63-138	WG423629
1,2,4-Trichlorobenzene	mg/l	.025	0.0218	87.3	65-137	WG423629
1,2-Dibromo-3-Chloropropane	mg/l	.025	0.0189	75.7	55-134	WG423629
1,2-Dibromoethane	mg/l	.025	0.0187	74.7*	75-126	WG423629
1,2-Dichlorobenzene	mg/l	.025	0.0231	92.2	75-122	WG423629
1,2-Dichloroethane	mg/l	.025	0.0204	81.7	63-137	WG423629
1,2-Dichloropropane	mg/l	.025	0.0220	87.9	74-122	WG423629
1,3-Dichlorobenzene	mg/l	.025	0.0228	91.2	73-131	WG423629
1,4-Dichlorobenzene	mg/l	.025	0.0234	93.7	70-121	WG423629
2-Butanone (MEK)	mg/l	.125	0.0913	73.0	53-132	WG423629
2-Hexanone	mg/l	.125	0.0916	73.3	56-147	WG423629
4-Methyl-2-pentanone (MIBK)	mg/l	.125	0.0967	77.4	60-142	WG423629
Acetone	mg/l	.125	0.106	84.9	48-134	WG423629
Benzene	mg/l	.025	0.0235	93.9	67-126	WG423629
Bromochloromethane	mg/l	.025	0.0216	86.5	75-128	WG423629
Bromodichloromethane	mg/l	.025	0.0224	89.5	68-133	WG423629
Bromoform	mg/l	.025	0.0207	82.9	60-139	WG423629
Bromomethane	mg/l	.025	0.0246	98.5	45-175	WG423629
Carbon disulfide	mg/l	.025	0.0242	96.9	41-148	WG423629
Carbon tetrachloride	mg/l	.025	0.0234	93.5	64-141	WG423629
Chlorobenzene	mg/l	.025	0.0230	91.9	77-125	WG423629
Chlorodibromomethane	mg/l	.025	0.0218	87.2	73-138	WG423629
Chloroethane	mg/l	.025	0.0247	98.7	49-155	WG423629
Chloroform	mg/l	.025	0.0216	86.4	66-126	WG423629
Chloromethane	mg/l	.025	0.0243	97.4	45-152	WG423629
cis-1,2-Dichloroethene	mg/l	.025	0.0237	94.7	72-128	WG423629
cis-1,3-Dichloropropene	mg/l	.025	0.0215	86.0	73-131	WG423629
Dichlorodifluoromethane	mg/l	.025	0.0246	98.3	39-189	WG423629
Ethylbenzene	mg/l	.025	0.0240	96.1	76-129	WG423629
Isopropylbenzene	mg/l	.025	0.0243	97.4	73-132	WG423629
Methyl tert-butyl ether	mg/l	.025	0.0211	84.3	51-142	WG423629
Methylene Chloride	mg/l	.025	0.0228	91.2	64-125	WG423629
Styrene	mg/l	.025	0.0229	91.4	78-130	WG423629
Tetrachloroethene	mg/l	.025	0.0243	97.4	67-135	WG423629
Toluene	mg/l	.025	0.0228	91.1	72-122	WG423629
trans-1,2-Dichloroethene	mg/l	.025	0.0241	96.5	67-129	WG423629
trans-1,3-Dichloropropene	mg/l	.025	0.0196	78.3	66-137	WG423629
Trichloroethene	mg/l	.025	0.0237	94.9	74-126	WG423629
Trichlorofluoromethane	mg/l	.025	0.0244	97.5	54-156	WG423629
Vinyl chloride	mg/l	.025	0.0239	95.5	55-153	WG423629
4-Bromofluorobenzene				92.07	75-128	WG423629
Dibromofluoromethane				100.3	79-125	WG423629
Toluene-d8				99.01	87-114	WG423629
Antimony	mg/kg	85.1	41.6	48.9	1.2-242.1	WG423361
Arsenic	mg/kg	192	178.	92.7	78.6-120.8	WG423361
Beryllium	mg/kg	69.3	66.1	95.4	79.8-120.1	WG423361
Cadmium	mg/kg	70.1	66.2	94.4	78.5-121.5	WG423361
Chromium	mg/kg	168	168.	100.	80.4-120.2	WG423361
Copper	mg/kg	122	123.	101.	81.6-119.7	WG423361
Lead	mg/kg	113	108.	95.6	77.3-122.1	WG423361
Nickel	mg/kg	74.1	75.5	102.	78.8-121.2	WG423361

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Quality Assurance Report
Level II

L403723

June 24, 2009

Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
Selenium	mg/kg	176	164.	93.2	75.6-125.0	WG423361
Silver	mg/kg	115	122.	106.	66-133.9	WG423361
Thallium	mg/kg	111	98.3	88.6	77.6-122.5	WG423361
Zinc	mg/kg	437	410.	93.8	78.5-121.7	WG423361
Beryllium	mg/l	1.13	1.11	98.2	85-115	WG423508
Cadmium	mg/l	1.13	1.10	97.3	85-115	WG423508
Chromium	mg/l	1.13	1.08	95.6	85-115	WG423508
Copper	mg/l	1.13	1.10	97.3	85-115	WG423508
Lead	mg/l	1.13	1.14	101.	85-115	WG423508
Nickel	mg/l	1.13	1.10	97.3	85-115	WG423508
Selenium	mg/l	1.13	1.08	95.6	85-115	WG423508
Silver	mg/l	1.13	1.11	98.2	85-115	WG423508
Zinc	mg/l	1.13	1.09	96.5	85-115	WG423508
Mercury, Dissolved	mg/l	.003	0.00343	114.	85-115	WG423970
Antimony	mg/l	.0567	0.0603	106.	85-115	WG423479
Arsenic	mg/l	.0567	0.0587	104.	85-115	WG423479
Thallium	mg/l	.0567	0.0580	102.	85-115	WG423479
Beryllium, Dissolved	mg/l	1.13	1.11	98.2	85-115	WG424397
Cadmium, Dissolved	mg/l	1.13	1.13	100.	85-115	WG424397
Chromium, Dissolved	mg/l	1.13	1.11	98.2	85-115	WG424397
Copper, Dissolved	mg/l	1.13	1.10	97.3	85-115	WG424397
Lead, Dissolved	mg/l	1.13	1.13	100.	85-115	WG424397
Nickel, Dissolved	mg/l	1.13	1.11	98.2	85-115	WG424397
Selenium, Dissolved	mg/l	1.13	1.03	91.2	85-115	WG424397
Silver, Dissolved	mg/l	1.13	1.08	95.6	85-115	WG424397
Zinc, Dissolved	mg/l	1.13	1.09	96.5	85-115	WG424397
Antimony, Dissolved	mg/l	.0567	0.0551	97.2	85-115	WG424462
Arsenic, Dissolved	mg/l	.0567	0.0540	95.2	85-115	WG424462
Thallium, Dissolved	mg/l	.0567	0.0561	98.9	85-115	WG424462
1,4-Dioxane	mg/l	.05	0.00	0.00*	70-130	WG427744
4-Bromofluorobenzene				93.54	75-128	WG427744
Dibromofluoromethane				94.81	79-125	WG427744
Toluene-d8				97.93	87-114	WG427744

Analyte	Units	Laboratory Control Sample Duplicate		%Rec	Limit	RPD	Limit	Batch
		Result	Ref					
1-Methylnaphthalene	ppm	0.0276	0.0224	84.0	41-110	20.8	24	WG422912
2-Chloronaphthalene	ppm	0.0292	0.0221	88.0	43-109	27.6*	21	WG422912
2-Methylnaphthalene	ppm	0.0266	0.0208	81.0	38-104	24.9*	24	WG422912
Acenaphthene	ppm	0.0281	0.0224	85.0	48-103	22.6*	20	WG422912
Acenaphthylene	ppm	0.0275	0.0224	83.0	43-106	20.5*	20	WG422912
Anthracene	ppm	0.0289	0.0242	88.0	51-110	17.9	22	WG422912
Benzo(a)anthracene	ppm	0.0277	0.0220	84.0	38-126	22.7*	20	WG422912
Benzo(a)pyrene	ppm	0.0303	0.0241	92.0	47-118	22.6*	20	WG422912
Benzo(b)fluoranthene	ppm	0.0270	0.0251	82.0	47-118	7.23	29	WG422912
Benzo(g,h,i)perylene	ppm	0.0324	0.0263	98.0	40-125	20.7*	20	WG422912

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Analyte	Units	Laboratory Control		Sample Duplicate	Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
Benzo(k)fluoranthene	ppm	0.0333	0.0221	101.	45-121	40.4*	31	WG422912
Chrysene	ppm	0.0258	0.0222	78.0	35-135	15.0	20	WG422912
Dibenz(a,h)anthracene	ppm	0.0327	0.0261	99.0	41-124	22.5*	20	WG422912
Fluoranthene	ppm	0.0309	0.0234	94.0	50-114	27.6*	20	WG422912
Fluorene	ppm	0.0290	0.0234	88.0	49-109	21.6*	19	WG422912
Indeno(1,2,3-cd)pyrene	ppm	0.0334	0.0257	101.	40-126	26.0*	20	WG422912
Naphthalene	ppm	0.0265	0.0206	80.0	36-100	25.1*	24	WG422912
Phenanthrene	ppm	0.0266	0.0199	81.0	46-108	29.2*	21	WG422912
Pyrene	ppm	0.0251	0.0200	76.0	30-136	22.3*	20	WG422912
2-Fluorobiphenyl				87.55	30-120			WG422912
Nitrobenzene-d5				64.06	18-119			WG422912
p-Terphenyl-d14				90.09	23-143			WG422912
1,1,1-Trichloroethane	mg/kg	0.0545	0.0540	109.	62-135	0.932	20	WG422986
1,1,2,2-Tetrachloroethane	mg/kg	0.0520	0.0506	104.	74-129	2.77	20	WG422986
1,1,2-Trichloroethane	mg/kg	0.0491	0.0480	98.0	77-124	2.22	20	WG422986
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0487	0.0502	97.0	49-155	3.21	20	WG422986
1,1-Dichloroethane	mg/kg	0.0528	0.0513	106.	61-134	2.95	20	WG422986
1,1-Dichloroethene	mg/kg	0.0555	0.0563	111.	53-136	1.43	20	WG422986
1,2,3-Trichlorobenzene	mg/kg	0.0567	0.0527	113.	62-146	7.28	20	WG422986
1,2,4-Trichlorobenzene	mg/kg	0.0549	0.0537	110.	61-148	2.20	20	WG422986
1,2-Dibromo-3-Chloropropane	mg/kg	0.0528	0.0498	106.	61-134	5.84	21	WG422986
1,2-Dibromoethane	mg/kg	0.0521	0.0499	104.	76-127	4.32	20	WG422986
1,2-Dichlorobenzene	mg/kg	0.0495	0.0470	99.0	77-123	5.25	20	WG422986
1,2-Dichloroethane	mg/kg	0.0515	0.0515	103.	58-141	0.127	20	WG422986
1,2-Dichloropropane	mg/kg	0.0513	0.0494	103.	71-128	3.79	20	WG422986
1,3-Dichlorobenzene	mg/kg	0.0517	0.0485	103.	71-132	6.32	20	WG422986
1,4-Dichlorobenzene	mg/kg	0.0504	0.0514	101.	72-123	1.99	20	WG422986
2-Butanone (MEK)	mg/kg	0.244	0.252	97.0	51-131	3.43	25	WG422986
2-Hexanone	mg/kg	0.277	0.263	111.	62-145	4.90	23	WG422986
4-Methyl-2-pentanone (MIBK)	mg/kg	0.278	0.278	111.	61-143	0.0393	23	WG422986
Acetone	mg/kg	0.262	0.263	105.	44-140	0.485	25	WG422986
Benzene	mg/kg	0.0530	0.0522	106.	65-128	1.61	20	WG422986
Bromochloromethane	mg/kg	0.0512	0.0501	102.	73-130	2.20	20	WG422986
Bromodichloromethane	mg/kg	0.0586	0.0569	117.	66-126	2.86	20	WG422986
Bromoform	mg/kg	0.0497	0.0465	99.0	64-139	6.76	20	WG422986
Bromomethane	mg/kg	0.0538	0.0512	108.	41-175	4.96	20	WG422986
Carbon disulfide	mg/kg	0.0455	0.0467	91.0	36-161	2.69	20	WG422986
Carbon tetrachloride	mg/kg	0.0546	0.0547	109.	60-140	0.116	20	WG422986
Chlorobenzene	mg/kg	0.0532	0.0498	106.	75-125	6.67	20	WG422986
Chlorodibromomethane	mg/kg	0.0548	0.0533	110.	72-137	2.83	20	WG422986
Chloroethane	mg/kg	0.0504	0.0496	101.	44-159	1.61	20	WG422986
Chloroform	mg/kg	0.0509	0.0504	102.	63-123	0.951	20	WG422986
Chloromethane	mg/kg	0.0470	0.0472	94.0	42-149	0.472	20	WG422986
cis-1,2-Dichloroethene	mg/kg	0.0544	0.0535	109.	71-129	1.58	20	WG422986
cis-1,3-Dichloropropene	mg/kg	0.0582	0.0552	116.	73-132	5.35	20	WG422986
Dichlorodifluoromethane	mg/kg	0.0473	0.0468	95.0	26-186	1.17	22	WG422986
Ethylbenzene	mg/kg	0.0525	0.0498	105.	74-128	5.20	20	WG422986
Isopropylbenzene	mg/kg	0.0545	0.0528	109.	73-130	3.10	20	WG422986
Methyl tert-butyl ether	mg/kg	0.0528	0.0523	106.	44-148	0.921	20	WG422986
Methylene Chloride	mg/kg	0.0492	0.0477	98.0	57-129	2.96	20	WG422986
Styrene	mg/kg	0.0569	0.0546	114.	76-133	4.17	20	WG422986
Tetrachloroethene	mg/kg	0.0500	0.0466	100.	65-135	6.96	20	WG422986
Toluene	mg/kg	0.0522	0.0507	104.	70-120	2.87	20	WG422986
trans-1,2-Dichloroethene	mg/kg	0.0497	0.0492	99.0	61-133	1.02	20	WG422986
trans-1,3-Dichloropropene	mg/kg	0.0571	0.0561	114.	70-135	1.63	20	WG422986
Trichloroethene	mg/kg	0.0529	0.0500	106.	71-126	5.63	20	WG422986
Trichlorofluoromethane	mg/kg	0.0551	0.0555	110.	52-147	0.769	20	WG422986

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June 24, 2009

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Analyte	Units	Laboratory Control		Sample	Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
Vinyl chloride	mg/kg	0.0484	0.0480	97.0	50-151	0.918	20	WG422986
4-Bromofluorobenzene				104.7	59-140			WG422986
Dibromofluoromethane				100.2	63-139			WG422986
Toluene-d8				97.92	84-116			WG422986
Diesel (C7-C26)	mg/l	0.559	0.624	75.0	50-150	10.9	20	WG422935
Motor Oil (C16-C40)	mg/l	0.481	0.556	64.0	50-150	14.6	25	WG422935
o-Terphenyl				85.65	50-150			WG422935
Diesel (C7-C26)	mg/kg	24.8	23.6	83.0	50-150	5.02	20	WG423285
Motor Oil (C16-C40)	mg/kg	23.1	22.8	77.0	50-150	1.24	25	WG423285
o-Terphenyl				90.89	50-150			WG423285
1-Methylnaphthalene	ppm	0.000612	0.000778	61.0	30-123	23.9	32	WG423185
2-Chloronaphthalene	ppm	0.000615	0.000766	62.0	34-120	21.8	30	WG423185
2-Methylnaphthalene	ppm	0.000583	0.000744	58.0	29-116	24.3	31	WG423185
Acenaphthene	ppm	0.000626	0.000827	63.0	40-113	27.7*	25	WG423185
Acenaphthylene	ppm	0.000630	0.000839	63.0	36-115	28.5*	25	WG423185
Anthracene	ppm	0.000644	0.000864	64.0	45-118	29.2*	26	WG423185
Benzo(a)anthracene	ppm	0.000623	0.000763	62.0	36-129	20.3	26	WG423185
Benzo(a)pyrene	ppm	0.000663	0.000827	66.0	44-124	22.1*	21	WG423185
Benzo(b)fluoranthene	ppm	0.000645	0.000760	65.0	43-126	16.4	38	WG423185
Benzo(g,h,i)perylene	ppm	0.000642	0.000818	64.0	39-128	24.1*	20	WG423185
Benzo(k)fluoranthene	ppm	0.000693	0.000903	69.0	44-127	26.4	39	WG423185
Chrysene	ppm	0.000617	0.000760	62.0	36-137	20.7	22	WG423185
Dibenz(a,h)anthracene	ppm	0.000646	0.000818	65.0	39-129	23.5*	20	WG423185
Fluoranthene	ppm	0.000674	0.000839	67.0	45-123	21.8	25	WG423185
Fluorene	ppm	0.000632	0.000843	63.0	41-118	28.6*	26	WG423185
Indeno(1,2,3-cd)pyrene	ppm	0.000648	0.000828	65.0	39-129	24.4*	20	WG423185
Naphthalene	ppm	0.000592	0.000739	59.0	26-111	22.2	32	WG423185
Phenanthrene	ppm	0.000679	0.000821	68.0	41-116	18.9	25	WG423185
Pyrene	ppm	0.000621	0.000738	62.0	32-136	17.2	22	WG423185
2-Fluorobiphenyl				57.94	26-122			WG423185
Nitrobenzene-d5				56.94	12-120			WG423185
p-Terphenyl-d14				64.72	34-149			WG423185
PCB 1260	mg/kg	0.174	0.180	104.	62-131	3.00	22	WG423525
Decachlorobiphenyl				112.4	18.9-115.8			WG423525
Tetrachloro-m-xylene				106.2	31.8-115.7			WG423525
1,1,1-Trichloroethane	mg/l	0.0241	0.0236	97.0	67-137	2.43	20	WG423629
1,1,2,2-Tetrachloroethane	mg/l	0.0223	0.0184	89.0	72-128	19.2	20	WG423629
1,1,2-Trichloroethane	mg/l	0.0233	0.0199	93.0	79-123	15.8	20	WG423629
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	0.0213	0.0206	85.0	51-149	3.26	20	WG423629
1,1-Dichloroethane	mg/l	0.0244	0.0238	98.0	67-133	2.28	20	WG423629
1,1-Dichloroethene	mg/l	0.0235	0.0241	94.0	60-130	2.69	20	WG423629
1,2,3-Trichlorobenzene	mg/l	0.0256	0.0207	102.	63-138	21.1*	20	WG423629
1,2,4-Trichlorobenzene	mg/l	0.0255	0.0218	102.	65-137	15.6	20	WG423629
1,2-Dibromo-3-Chloropropane	mg/l	0.0204	0.0189	81.0	55-134	7.37	20	WG423629
1,2-Dibromoethane	mg/l	0.0230	0.0187	92.0	75-126	20.6*	20	WG423629
1,2-Dichlorobenzene	mg/l	0.0242	0.0231	97.0	75-122	4.83	20	WG423629
1,2-Dichloroethane	mg/l	0.0242	0.0204	97.0	63-137	16.8	20	WG423629
1,2-Dichloropropane	mg/l	0.0239	0.0220	96.0	74-122	8.53	20	WG423629
1,3-Dichlorobenzene	mg/l	0.0244	0.0228	98.0	73-131	6.71	20	WG423629

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		Result	Ref	%Rec				
1,4-Dichlorobenzene	mg/l	0.0239	0.0234	96.0	70-121	2.12	20	WG423629
2-Butanone (MEK)	mg/l	0.104	0.0913	83.0	53-132	13.1	20	WG423629
2-Hexanone	mg/l	0.111	0.0916	89.0	56-147	19.4	20	WG423629
4-Methyl-2-pentanone (MIBK)	mg/l	0.118	0.0967	94.0	60-142	19.5	20	WG423629
Acetone	mg/l	0.0996	0.106	80.0	48-134	6.28	20	WG423629
Benzene	mg/l	0.0244	0.0235	97.0	67-126	3.70	20	WG423629
Bromochloromethane	mg/l	0.0240	0.0216	96.0	75-128	10.4	20	WG423629
Bromodichloromethane	mg/l	0.0249	0.0224	100.	68-133	10.6	20	WG423629
Bromoform	mg/l	0.0246	0.0207	98.0	60-139	17.1	20	WG423629
Bromomethane	mg/l	0.0253	0.0246	101.	45-175	2.61	20	WG423629
Carbon disulfide	mg/l	0.0225	0.0242	90.0	41-148	7.43	20	WG423629
Carbon tetrachloride	mg/l	0.0228	0.0234	91.0	64-141	2.44	20	WG423629
Chlorobenzene	mg/l	0.0239	0.0230	96.0	77-125	4.05	20	WG423629
Chlorodibromomethane	mg/l	0.0249	0.0218	99.0	73-138	13.2	20	WG423629
Chloroethane	mg/l	0.0252	0.0247	101.	49-155	1.98	20	WG423629
Chloroform	mg/l	0.0226	0.0216	91.0	66-126	4.69	20	WG423629
Chloromethane	mg/l	0.0249	0.0243	100.	45-152	2.23	20	WG423629
cis-1,2-Dichloroethene	mg/l	0.0241	0.0237	97.0	72-128	1.95	20	WG423629
cis-1,3-Dichloropropene	mg/l	0.0253	0.0215	101.	73-131	16.0	20	WG423629
Dichlorodifluoromethane	mg/l	0.0245	0.0246	98.0	39-189	0.338	24	WG423629
Ethylbenzene	mg/l	0.0241	0.0240	96.0	76-129	0.179	20	WG423629
Isopropylbenzene	mg/l	0.0250	0.0243	100.	73-132	2.82	20	WG423629
Methyl tert-butyl ether	mg/l	0.0241	0.0211	96.0	51-142	13.4	20	WG423629
Methylene Chloride	mg/l	0.0241	0.0228	96.0	64-125	5.49	20	WG423629
Styrene	mg/l	0.0246	0.0229	98.0	78-130	7.14	20	WG423629
Tetrachloroethene	mg/l	0.0242	0.0243	97.0	67-135	0.713	20	WG423629
Toluene	mg/l	0.0240	0.0228	96.0	72-122	5.50	20	WG423629
trans-1,2-Dichloroethene	mg/l	0.0237	0.0241	95.0	67-129	1.63	20	WG423629
trans-1,3-Dichloropropene	mg/l	0.0247	0.0196	99.0	66-137	23.1*	20	WG423629
Trichloroethene	mg/l	0.0241	0.0237	97.0	74-126	1.69	20	WG423629
Trichlorofluoromethane	mg/l	0.0251	0.0244	101.	54-156	3.08	20	WG423629
Vinyl chloride	mg/l	0.0239	0.0239	96.0	55-153	0.189	20	WG423629
4-Bromofluorobenzene				98.20	75-128			WG423629
Dibromofluoromethane				103.1	79-125			WG423629
Toluene-d8				100.4	87-114			WG423629
1,4-Dioxane	mg/l	0.00	0.00	0*	70-130	0.00	25	WG427744
4-Bromofluorobenzene				96.65	75-128			WG427744
Dibromofluoromethane				93.35	79-125			WG427744
Toluene-d8				96.73	87-114			WG427744

Analyte	Units	Matrix Spike			% Rec	Limit	Ref Samp	Batch
		MS Res	Ref Res	TV				
1-Methylnaphthalene	ppm	0.0551	0.00	.033	167.*	19-131	L403683-05	WG422912
2-Chloronaphthalene	ppm	0.0209	0.00	.033	63.3	38-117	L403683-05	WG422912
2-Methylnaphthalene	ppm	0.0529	0.00	.033	160.*	18-125	L403683-05	WG422912
Acenaphthene	ppm	0.484	0.100	.033	1160*	31-120	L403683-05	WG422912
Acenaphthylene	ppm	0.0409	0.00	.033	124.*	34-116	L403683-05	WG422912
Anthracene	ppm	0.866	0.220	.033	1960*	32-131	L403683-05	WG422912
Benzo(a)anthracene	ppm	2.18	0.750	.033	4340*	32-131	L403683-05	WG422912
Benzo(a)pyrene	ppm	2.06	0.760	.033	3940*	28-130	L403683-05	WG422912
Benzo(b)fluoranthene	ppm	3.26	1.00	.033	6840*	37-130	L403683-05	WG422912
Benzo(g,h,i)perylene	ppm	1.06	0.400	.033	2010*	10-134	L403683-05	WG422912
Benzo(k)fluoranthene	ppm	0.983	0.550	.033	1310*	31-129	L403683-05	WG422912
Chrysene	ppm	1.86	0.810	.033	3180*	25-137	L403683-05	WG422912
Dibenz(a,h)anthracene	ppm	0.404	0.140	.033	799.*	20-134	L403683-05	WG422912
Fluoranthene	ppm	8.81	3.20	.033	17000*	27-138	L403683-05	WG422912

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Quality Assurance Report
Level II

June 24, 2009

L403723

Analyte	Units	Matrix Spike			% Rec	Limit	Ref Samp	Batch
		MS Res	Ref Res	TV				
Fluorene	ppm	0.692	0.160	.033	1610*	26-136	L403683-05	WG422912
Indeno(1,2,3-cd)pyrene	ppm	1.04	0.400	.033	1930*	16-135	L403683-05	WG422912
Naphthalene	ppm	0.0636	0.00	.033	193.*	22-121	L403683-05	WG422912
Phenanthrene	ppm	7.87	2.10	.033	17500*	27-133	L403683-05	WG422912
Pyrene	ppm	5.74	2.00	.033	11300*	22-133	L403683-05	WG422912
2-Fluorobiphenyl					57.40	30-120		WG422912
Nitrobenzene-d5					47.70	18-119		WG422912
p-Terphenyl-d14					81.00	23-143		WG422912
1,1,1-Trichloroethane	mg/kg	0.263	0.00	.05	105.	23-147	L403603-05	WG422986
1,1,2,2-Tetrachloroethane	mg/kg	0.255	0.00	.05	102.	18-150	L403603-05	WG422986
1,1,2-Trichloroethane	mg/kg	0.240	0.00	.05	95.9	35-140	L403603-05	WG422986
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.246	0.00	.05	98.3	10-145	L403603-05	WG422986
1,1-Dichloroethane	mg/kg	0.251	0.00	.05	101.	24-148	L403603-05	WG422986
1,1-Dichloroethene	mg/kg	0.289	0.00	.05	115.	10-149	L403603-05	WG422986
1,2,3-Trichlorobenzene	mg/kg	0.223	0.00	.05	89.3	10-129	L403603-05	WG422986
1,2,4-Trichlorobenzene	mg/kg	0.234	0.00	.05	93.5	10-119	L403603-05	WG422986
1,2-Dibromo-3-Chloropropane	mg/kg	0.288	0.00	.05	115.	19-145	L403603-05	WG422986
1,2-Dibromoethane	mg/kg	0.259	0.00	.05	104.	24-145	L403603-05	WG422986
1,2-Dichlorobenzene	mg/kg	0.231	0.00	.05	92.6	12-130	L403603-05	WG422986
1,2-Dichloroethane	mg/kg	0.270	0.00	.05	108.	21-155	L403603-05	WG422986
1,2-Dichloropropane	mg/kg	0.250	0.00	.05	100.	28-144	L403603-05	WG422986
1,3-Dichlorobenzene	mg/kg	0.232	0.00	.05	93.0	10-129	L403603-05	WG422986
1,4-Dichlorobenzene	mg/kg	0.225	0.00	.05	90.0	10-121	L403603-05	WG422986
2-Butanone (MEK)	mg/kg	1.46	0.00	.25	117.	21-143	L403603-05	WG422986
2-Hexanone	mg/kg	1.56	0.00114	.25	124.	22-151	L403603-05	WG422986
4-Methyl-2-pentanone (MIBK)	mg/kg	1.67	0.00	.25	133.	31-151	L403603-05	WG422986
Acetone	mg/kg	1.62	0.00	.25	130.	13-158	L403603-05	WG422986
Benzene	mg/kg	0.260	0.00	.05	104.	16-143	L403603-05	WG422986
Bromochloromethane	mg/kg	0.257	0.00105	.05	102.	25-152	L403603-05	WG422986
Bromodichloromethane	mg/kg	0.286	0.00	.05	114.	27-139	L403603-05	WG422986
Bromoform	mg/kg	0.239	0.00	.05	95.4	21-144	L403603-05	WG422986
Bromomethane	mg/kg	0.266	0.00	.05	106.	0-180	L403603-05	WG422986
Carbon disulfide	mg/kg	0.265	0.00	.05	106.	10-156	L403603-05	WG422986
Carbon tetrachloride	mg/kg	0.267	0.00	.05	107.	12-149	L403603-05	WG422986
Chlorobenzene	mg/kg	0.233	0.00	.05	93.0	17-134	L403603-05	WG422986
Chlorodibromomethane	mg/kg	0.259	0.00	.05	104.	28-147	L403603-05	WG422986
Chloroethane	mg/kg	0.256	0.00	.05	103.	0-172	L403603-05	WG422986
Chloroform	mg/kg	0.248	0.00	.05	99.2	28-138	L403603-05	WG422986
Chloromethane	mg/kg	0.250	0.00	.05	100.	10-158	L403603-05	WG422986
cis-1,2-Dichloroethene	mg/kg	0.265	0.00	.05	106.	21-147	L403603-05	WG422986
cis-1,3-Dichloropropene	mg/kg	0.283	0.00	.05	113.	17-145	L403603-05	WG422986
Dichlorodifluoromethane	mg/kg	0.261	0.00	.05	104.	0-192	L403603-05	WG422986
Ethylbenzene	mg/kg	0.240	0.00	.05	96.0	12-137	L403603-05	WG422986
Isopropylbenzene	mg/kg	0.241	0.00	.05	96.4	14-134	L403603-05	WG422986
Methyl tert-butyl ether	mg/kg	0.278	0.00	.05	111.	21-157	L403603-05	WG422986
Methylene Chloride	mg/kg	0.247	0.00	.05	98.9	12-149	L403603-05	WG422986
Styrene	mg/kg	0.251	0.00	.05	100.	10-140	L403603-05	WG422986
Tetrachloroethene	mg/kg	0.231	0.00	.05	92.3	10-131	L403603-05	WG422986
Toluene	mg/kg	0.259	0.00	.05	104.	12-136	L403603-05	WG422986
trans-1,2-Dichloroethene	mg/kg	0.250	0.00	.05	100.	10-143	L403603-05	WG422986
trans-1,3-Dichloropropene	mg/kg	0.291	0.00	.05	116.	16-147	L403603-05	WG422986
Trichloroethene	mg/kg	0.250	0.00	.05	100.	10-155	L403603-05	WG422986
Trichlorofluoromethane	mg/kg	0.284	0.00	.05	114.	10-154	L403603-05	WG422986
Vinyl chloride	mg/kg	0.253	0.00	.05	101.	10-159	L403603-05	WG422986
4-Bromofluorobenzene					101.9	59-140		WG422986
Dibromofluoromethane					103.8	63-139		WG422986
Toluene-d8					101.0	84-116		WG422986

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Est. 1970

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Chris Kramer
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West Linn, OR 97068

Quality Assurance Report
Level II

June 24, 2009

L403723

Analyte	Units	MS Res	Matrix Spike		% Rec	Limit	Ref Samp	Batch
			Ref Res	TV				
Mercury	mg/kg	0.253	0.00	.25	101.	70-130	L403700-34	WG422918
Antimony	mg/kg	26.4	0.00	50	52.8*	75-125	L403700-34	WG423321
Arsenic	mg/kg	52.8	5.70	50	94.2	75-125	L403700-34	WG423321
Beryllium	mg/kg	49.8	0.00	50	99.6	75-125	L403700-34	WG423321
Cadmium	mg/kg	47.3	0.00	50	94.6	75-125	L403700-34	WG423321
Chromium	mg/kg	65.6	17.0	50	97.2	75-125	L403700-34	WG423321
Copper	mg/kg	67.5	16.0	50	103.	75-125	L403700-34	WG423321
Lead	mg/kg	52.4	5.80	50	93.2	75-125	L403700-34	WG423321
Nickel	mg/kg	56.9	7.90	50	98.0	75-125	L403700-34	WG423321
Selenium	mg/kg	43.5	0.00	50	87.0	75-125	L403700-34	WG423321
Silver	mg/kg	48.0	0.00	50	96.0	75-125	L403700-34	WG423321
Zinc	mg/kg	60.5	17.1	50	86.8	75-125	L403700-34	WG423321
Thallium	mg/kg	43.5	0.00	10	87.0	75-125	L403700-34	WG423321
Mercury	mg/l	0.00259	0.00	.003	86.3	70-130	L404249-33	WG423435
PCB 1260	mg/kg	0.148	0.00	.167	88.8	10-197	L403960-03	WG423525
Decachlorobiphenyl					82.00	18.9-115.8		WG423525
Tetrachloro-m-xylene					91.99	31.8-115.7		WG423525
Diesel (C7-C26)	mg/kg	23.7	0.00	30	79.0	50-150	L404242-05	WG423285
Motor Oil (C16-C40)	mg/kg	30.2	3.80	30	88.0	50-150	L404242-05	WG423285
o-Terphenyl					76.66	50-150		WG423285
1,1,1-Trichloroethane	mg/l	0.558	0.00	.025	89.3	31-161	L403957-01	WG423629
1,1,2,2-Tetrachloroethane	mg/l	0.510	0.00	.025	81.6	49-149	L403957-01	WG423629
1,1,2-Trichloroethane	mg/l	0.511	0.00	.025	81.7	46-145	L403957-01	WG423629
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	0.601	0.320	.025	44.9	14-168	L403957-01	WG423629
1,1-Dichloroethane	mg/l	0.563	0.00	.025	90.1	30-159	L403957-01	WG423629
1,1-Dichloroethene	mg/l	0.567	0.0210	.025	87.4	10-162	L403957-01	WG423629
1,2,3-Trichlorobenzene	mg/l	0.529	0.00	.025	84.6	32-143	L403957-01	WG423629
1,2,4-Trichlorobenzene	mg/l	0.547	0.00	.025	87.5	27-142	L403957-01	WG423629
1,2-Dibromo-3-Chloropropane	mg/l	0.489	0.00	.025	78.3	37-148	L403957-01	WG423629
1,2-Dibromoethane	mg/l	0.491	0.00	.025	78.6	41-149	L403957-01	WG423629
1,2-Dichlorobenzene	mg/l	0.580	0.00	.025	92.7	40-139	L403957-01	WG423629
1,2-Dichloroethane	mg/l	0.523	0.00	.025	83.6	29-167	L403957-01	WG423629
1,2-Dichloropropane	mg/l	0.539	0.00	.025	86.3	39-148	L403957-01	WG423629
1,3-Dichlorobenzene	mg/l	0.574	0.00	.025	91.9	32-148	L403957-01	WG423629
1,4-Dichlorobenzene	mg/l	0.568	0.00	.025	90.8	32-136	L403957-01	WG423629
2-Butanone (MEK)	mg/l	2.47	0.00	.125	79.0	32-151	L403957-01	WG423629
2-Hexanone	mg/l	2.53	0.00	.125	80.9	41-155	L403957-01	WG423629
4-Methyl-2-pentanone (MIBK)	mg/l	2.62	0.00	.125	84.0	40-160	L403957-01	WG423629
Acetone	mg/l	2.84	0.00	.125	90.9	25-157	L403957-01	WG423629
Benzene	mg/l	0.553	0.00	.025	88.4	16-158	L403957-01	WG423629
Bromochloromethane	mg/l	0.548	0.00	.025	87.6	36-154	L403957-01	WG423629
Bromodichloromethane	mg/l	0.564	0.00	.025	90.2	45-147	L403957-01	WG423629
Bromoform	mg/l	0.548	0.00	.025	87.7	38-152	L403957-01	WG423629
Bromomethane	mg/l	0.613	0.00	.025	98.1	0-191	L403957-01	WG423629
Carbon disulfide	mg/l	0.541	0.00	.025	86.5	10-166	L403957-01	WG423629
Carbon tetrachloride	mg/l	0.508	0.00	.025	81.2	22-168	L403957-01	WG423629
Chlorobenzene	mg/l	0.556	0.00	.025	88.9	33-148	L403957-01	WG423629
Chlorodibromomethane	mg/l	0.563	0.00	.025	90.1	48-151	L403957-01	WG423629
Chloroethane	mg/l	0.577	0.00	.025	92.3	4-176	L403957-01	WG423629

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Quality Assurance Report Level II

June 24, 2009

L403723

Analyte	Units	MS Res	Matrix Spike		% Rec	Limit	Ref Samp	Batch
			Ref Res	TV				
Chloroform	mg/l	0.526	0.00	.025	84.1	37-147	L403957-01	WG423629
Chloromethane	mg/l	0.582	0.00	.025	93.1	10-174	L403957-01	WG423629
cis-1,2-Dichloroethene	mg/l	0.766	0.180	.025	93.7	29-156	L403957-01	WG423629
cis-1,3-Dichloropropene	mg/l	0.535	0.00	.025	85.5	35-148	L403957-01	WG423629
Dichlorodifluoromethane	mg/l	0.562	0.00	.025	89.9	0-200	L403957-01	WG423629
Ethylbenzene	mg/l	0.569	0.00	.025	91.1	29-150	L403957-01	WG423629
Isopropylbenzene	mg/l	0.580	0.00	.025	92.8	35-147	L403957-01	WG423629
Methyl tert-butyl ether	mg/l	0.560	0.00	.025	89.6	24-167	L403957-01	WG423629
Methylene Chloride	mg/l	0.575	0.00	.025	92.0	23-151	L403957-01	WG423629
Styrene	mg/l	0.562	0.00	.025	89.9	38-149	L403957-01	WG423629
Tetrachloroethene	mg/l	3.09	2.40	.025	110.	13-157	L403957-01	WG423629
Toluene	mg/l	0.536	0.0140	.025	83.6	22-152	L403957-01	WG423629
trans-1,2-Dichloroethene	mg/l	0.568	0.00	.025	90.8	11-160	L403957-01	WG423629
trans-1,3-Dichloropropene	mg/l	0.484	0.00	.025	77.5	33-153	L403957-01	WG423629
Trichloroethene	mg/l	0.841	0.270	.025	91.3	18-163	L403957-01	WG423629
Trichlorofluoromethane	mg/l	0.566	0.00	.025	90.6	10-177	L403957-01	WG423629
Vinyl chloride	mg/l	0.558	0.00	.025	89.2	0-179	L403957-01	WG423629
4-Bromofluorobenzene					94.44	75-128		WG423629
Dibromofluoromethane					100.9	79-125		WG423629
Toluene-d8					99.74	87-114		WG423629
Antimony	mg/kg	22.3	0.00	50	44.6*	75-125	L403723-03	WG423361
Arsenic	mg/kg	48.3	0.550	50	95.5	75-125	L403723-03	WG423361
Beryllium	mg/kg	48.9	0.460	50	96.9	75-125	L403723-03	WG423361
Cadmium	mg/kg	50.2	0.00	50	100.	75-125	L403723-03	WG423361
Chromium	mg/kg	69.4	24.0	50	90.8	75-125	L403723-03	WG423361
Copper	mg/kg	70.7	14.0	50	113.	75-125	L403723-03	WG423361
Lead	mg/kg	52.6	3.60	50	98.0	75-125	L403723-03	WG423361
Nickel	mg/kg	68.7	21.0	50	95.4	75-125	L403723-03	WG423361
Selenium	mg/kg	43.4	0.00	50	86.8	75-125	L403723-03	WG423361
Silver	mg/kg	57.3	0.00	50	115.	75-125	L403723-03	WG423361
Zinc	mg/kg	91.4	38.0	50	107.	75-125	L403723-03	WG423361
Thallium	mg/kg	43.9	0.00	10	87.8	75-125	L403723-03	WG423361
Beryllium	mg/l	-0.00092	0.00	1.13	0.00*	75-125	L403830-04	WG423508
Cadmium	mg/l	0.00191	0.00068	1.13	0.109*	75-125	L403830-04	WG423508
Chromium	mg/l	0.00120	0.00370	1.13	0.00*	75-125	L403830-04	WG423508
Copper	mg/l	-0.0328	0.0165	1.13	0.00*	75-125	L403830-04	WG423508
Nickel	mg/l	0.0564	0.00	1.13	4.99*	75-125	L403830-04	WG423508
Selenium	mg/l	-0.0416	0.00850	1.13	0.00*	75-125	L403830-04	WG423508
Silver	mg/l	-0.0207	0.00	1.13	0.00*	75-125	L403830-04	WG423508
Zinc	mg/l	-0.0124	0.0252	1.13	0.00*	75-125	L403830-04	WG423508
Mercury,Dissolved	mg/l	0.00252	0.00	.003	84.0	70-130	L404736-23	WG423970
Antimony	mg/l	0.0593	0.00	.0567	105.	75-125	L403687-07	WG423479
Arsenic	mg/l	0.0668	0.00380	.0567	111.	75-125	L403687-07	WG423479
Thallium	mg/l	0.0555	0.00	.0567	97.9	75-125	L403687-07	WG423479
Lead	mg/l	1.10	0.0110	1.13	96.4	75-125	L403830-04	WG423508
Beryllium,Dissolved	mg/l	1.11	0.00	1.13	98.2	75-125	L405024-06	WG424397
Cadmium,Dissolved	mg/l	1.10	0.00	1.13	97.3	75-125	L405024-06	WG424397

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Est. 1970

SLR International Corp. - West Linn, OR
Chris Kramer
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Quality Assurance Report
Level II

West Linn, OR 97068

June 24, 2009

L403723

Analyte	Units	MS Res	Matrix Spike		% Rec	Limit	Ref Samp	Batch
			Ref Res	TV				
Chromium, Dissolved	mg/l	1.11	0.00	1.13	98.2	75-125	L405024-06	WG424397
Copper, Dissolved	mg/l	1.10	0.00	1.13	97.3	75-125	L405024-06	WG424397
Lead, Dissolved	mg/l	1.10	0.0130	1.13	96.2	75-125	L405024-06	WG424397
Nickel, Dissolved	mg/l	1.11	0.00	1.13	98.2	75-125	L405024-06	WG424397
Selenium, Dissolved	mg/l	1.03	0.00	1.13	91.2	75-125	L405024-06	WG424397
Silver, Dissolved	mg/l	0.0534	0.00	1.13	4.73*	75-125	L405024-06	WG424397
Zinc, Dissolved	mg/l	1.08	0.00	1.13	95.6	75-125	L405024-06	WG424397
Antimony, Dissolved	mg/l	0.0595	0.00	.0567	105.	75-125	L405024-12	WG424462
Arsenic, Dissolved	mg/l	0.368	0.320	.0567	84.7	75-125	L405024-12	WG424462
Thallium, Dissolved	mg/l	0.0546	0.00	.0567	96.3	75-125	L405024-12	WG424462

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref Samp	Batch
			Ref	%Rec					
1-Methylnaphthalene	ppm	0.0349	0.0551	106.	19-131	44.8*	30	L403683-05	WG422912
2-Chloronaphthalene	ppm	0.0313	0.0209	94.7	38-117	39.8*	26	L403683-05	WG422912
2-Methylnaphthalene	ppm	0.0320	0.0529	97.0	18-125	49.2*	29	L403683-05	WG422912
Acenaphthene	ppm	0.0815	0.484	0*	31-120	142.*	30	L403683-05	WG422912
Acenaphthylene	ppm	0.0309	0.0409	93.5	34-116	28.0	29	L403683-05	WG422912
Anthracene	ppm	0.121	0.866	0*	32-131	151.*	26	L403683-05	WG422912
Benzo(a)anthracene	ppm	0.165	2.18	0*	32-131	172.*	31	L403683-05	WG422912
Benzo(a)pyrene	ppm	0.169	2.06	0*	28-130	170.*	28	L403683-05	WG422912
Benzo(b)fluoranthene	ppm	0.216	3.26	0*	37-130	175.*	41	L403683-05	WG422912
Benzo(g,h,i)perylene	ppm	0.104	1.06	0*	10-134	164.*	26	L403683-05	WG422912
Benzo(k)fluoranthene	ppm	0.158	0.983	0*	31-129	145.*	42	L403683-05	WG422912
Chrysene	ppm	0.179	1.86	0*	25-137	165.*	22	L403683-05	WG422912
Dibenz(a,h)anthracene	ppm	0.0609	0.404	0*	20-134	148.*	25	L403683-05	WG422912
Fluoranthene	ppm	0.612	8.81	0*	27-138	174.*	35	L403683-05	WG422912
Fluorene	ppm	0.0960	0.692	0*	26-136	151.*	30	L403683-05	WG422912
Indeno(1,2,3-cd)pyrene	ppm	0.0942	1.04	0*	16-135	167.*	26	L403683-05	WG422912
Naphthalene	ppm	0.0338	0.0636	103.	22-121	61.1*	30	L403683-05	WG422912
Phenanthrene	ppm	0.590	7.87	0*	27-133	172.*	36	L403683-05	WG422912
Pyrene	ppm	0.387	5.74	0*	22-133	175.*	33	L403683-05	WG422912
2-Fluorobiphenyl				80.00	30-120				WG422912
Nitrobenzene-d5				62.00	18-119				WG422912
p-Terphenyl-d14				101.6	23-143				WG422912

1,1,1-Trichloroethane	mg/kg	0.273	0.263	109.	23-147	3.71	32	L403603-05	WG422986
1,1,2,2-Tetrachloroethane	mg/kg	0.236	0.255	94.5	18-150	7.51	33	L403603-05	WG422986
1,1,2-Trichloroethane	mg/kg	0.234	0.240	93.7	35-140	2.36	29	L403603-05	WG422986
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.255	0.246	102.	10-145	3.83	35	L403603-05	WG422986
1,1-Dichloroethane	mg/kg	0.259	0.251	103.	24-148	2.86	31	L403603-05	WG422986
1,1-Dichloroethene	mg/kg	0.291	0.289	116.	10-149	0.743	34	L403603-05	WG422986
1,2,3-Trichlorobenzene	mg/kg	0.225	0.223	90.2	10-129	1.01	43	L403603-05	WG422986
1,2,4-Trichlorobenzene	mg/kg	0.233	0.234	93.1	10-119	0.375	44	L403603-05	WG422986
1,2-Dibromo-3-Chloropropane	mg/kg	0.256	0.288	102.	19-145	11.9	35	L403603-05	WG422986
1,2-Dibromoethane	mg/kg	0.248	0.259	99.1	24-145	4.50	31	L403603-05	WG422986
1,2-Dichlorobenzene	mg/kg	0.235	0.231	94.0	12-130	1.48	35	L403603-05	WG422986
1,2-Dichloroethane	mg/kg	0.266	0.270	106.	21-155	1.61	29	L403603-05	WG422986
1,2-Dichloropropane	mg/kg	0.249	0.250	99.7	28-144	0.339	30	L403603-05	WG422986
1,3-Dichlorobenzene	mg/kg	0.224	0.232	89.5	10-129	3.81	38	L403603-05	WG422986
1,4-Dichlorobenzene	mg/kg	0.235	0.225	94.0	10-121	4.33	36	L403603-05	WG422986
2-Butanone (MEK)	mg/kg	1.28	1.46	102.	21-143	13.0	37	L403603-05	WG422986
2-Hexanone	mg/kg	1.32	1.56	106.	22-151	16.2	38	L403603-05	WG422986
4-Methyl-2-pentanone (MIBK)	mg/kg	1.42	1.67	114.	31-151	15.7	36	L403603-05	WG422986
Acetone	mg/kg	1.40	1.62	112.	13-158	14.9	34	L403603-05	WG422986

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Chris Kramer
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Quality Assurance Report
Level II

June 24, 2009

L403723

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit Ref	Samp	Batch
			Ref	%Rec					
Benzene	mg/kg	0.269	0.260	108.	16-143	3.57	31	L403603-05	WG422986
Bromochloromethane	mg/kg	0.263	0.257	105.	25-152	2.51	29	L403603-05	WG422986
Bromodichloromethane	mg/kg	0.287	0.286	115.	27-139	0.583	30	L403603-05	WG422986
Bromoform	mg/kg	0.224	0.239	89.5	21-144	6.38	34	L403603-05	WG422986
Bromomethane	mg/kg	0.279	0.266	112.	0-180	4.84	41	L403603-05	WG422986
Carbon disulfide	mg/kg	0.260	0.265	104.	10-156	1.96	38	L403603-05	WG422986
Carbon tetrachloride	mg/kg	0.273	0.267	109.	12-149	2.32	34	L403603-05	WG422986
Chlorobenzene	mg/kg	0.238	0.233	95.2	17-134	2.30	34	L403603-05	WG422986
Chlorodibromomethane	mg/kg	0.254	0.259	102.	28-147	1.94	32	L403603-05	WG422986
Chloroethane	mg/kg	0.258	0.256	103.	0-172	0.653	38	L403603-05	WG422986
Chloroform	mg/kg	0.254	0.248	102.	28-138	2.33	30	L403603-05	WG422986
Chloromethane	mg/kg	0.256	0.250	103.	10-158	2.46	35	L403603-05	WG422986
cis-1,2-Dichloroethene	mg/kg	0.275	0.265	110.	21-147	3.68	31	L403603-05	WG422986
cis-1,3-Dichloropropene	mg/kg	0.283	0.283	113.	17-145	0.067	32	L403603-05	WG422986
Dichlorodifluoromethane	mg/kg	0.271	0.261	109.	0-192	3.80	38	L403603-05	WG422986
Ethylbenzene	mg/kg	0.241	0.240	96.4	12-137	0.396	36	L403603-05	WG422986
Isopropylbenzene	mg/kg	0.246	0.241	98.4	14-134	2.09	37	L403603-05	WG422986
Methyl tert-butyl ether	mg/kg	0.271	0.278	109.	21-157	2.33	31	L403603-05	WG422986
Methylene Chloride	mg/kg	0.255	0.247	102.	12-149	3.10	31	L403603-05	WG422986
Styrene	mg/kg	0.252	0.251	101.	10-140	0.389	35	L403603-05	WG422986
Tetrachloroethene	mg/kg	0.233	0.231	93.3	10-131	1.14	35	L403603-05	WG422986
Toluene	mg/kg	0.254	0.259	102.	12-136	1.99	32	L403603-05	WG422986
trans-1,2-Dichloroethene	mg/kg	0.262	0.250	105.	10-143	4.42	33	L403603-05	WG422986
trans-1,3-Dichloropropene	mg/kg	0.284	0.291	114.	16-147	2.21	32	L403603-05	WG422986
Trichloroethene	mg/kg	0.263	0.250	105.	10-155	5.09	33	L403603-05	WG422986
Trichlorofluoromethane	mg/kg	0.293	0.284	117.	10-154	2.82	32	L403603-05	WG422986
Vinyl chloride	mg/kg	0.261	0.253	105.	10-159	3.40	36	L403603-05	WG422986
4-Bromofluorobenzene				98.66	59-140				WG422986
Dibromofluoromethane				103.6	63-139				WG422986
Toluene-d8				99.22	84-116				WG422986
Mercury	mg/kg	0.255	0.253	102.	70-130	0.787	20	L403700-34	WG422918
Antimony	mg/kg	24.2	26.4	48.4*	75-125	8.70	20	L403700-34	WG423321
Arsenic	mg/kg	51.4	52.8	91.4	75-125	2.69	20	L403700-34	WG423321
Beryllium	mg/kg	48.9	49.8	97.8	75-125	1.82	20	L403700-34	WG423321
Cadmium	mg/kg	45.3	47.3	90.6	75-125	4.32	20	L403700-34	WG423321
Chromium	mg/kg	69.6	65.6	105.	75-125	5.92	20	L403700-34	WG423321
Copper	mg/kg	66.0	67.5	100.	75-125	2.25	20	L403700-34	WG423321
Lead	mg/kg	51.3	52.4	91.0	75-125	2.12	20	L403700-34	WG423321
Nickel	mg/kg	57.4	56.9	99.0	75-125	0.875	20	L403700-34	WG423321
Selenium	mg/kg	42.7	43.5	85.4	75-125	1.86	20	L403700-34	WG423321
Silver	mg/kg	46.2	48.0	92.4	75-125	3.82	20	L403700-34	WG423321
Zinc	mg/kg	60.0	60.5	85.8	75-125	0.830	20	L403700-34	WG423321
Thallium	mg/kg	39.2	43.5	78.4	75-125	10.4	20	L403700-34	WG423321
Mercury	mg/l	0.0026	0.0025	87.3	70-130	1.15	20	L404249-33	WG423435
PCB 1260	mg/kg	0.138	0.148	82.7	10-197	7.01	39	L403960-03	WG423525
Decachlorobiphenyl				73.26	18.9-115.8				WG423525
Tetrachloro-m-xylene				86.00	31.8-115.7				WG423525
Diesel (C7-C26)	mg/kg	27.2	23.7	90.6	50-150	13.7	20	L404242-05	WG423285
Motor Oil (C16-C40)	mg/kg	34.7	30.2	103.	50-150	13.9	25	L404242-05	WG423285

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Quality Assurance Report
Level II

June 24, 2009

L403723

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit Ref	Samp	Batch
			Ref	%Rec					
o-Terphenyl				90.92	50-150				
1,1,1-Trichloroethane	mg/l	0.535	0.558	85.7	31-161	4.19	23	L403957-01	WG423629
1,1,2,2-Tetrachloroethane	mg/l	0.583	0.510	93.3	49-149	13.4	22	L403957-01	WG423629
1,1,2-Trichloroethane	mg/l	0.575	0.511	91.9	46-145	11.8	20	L403957-01	WG423629
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	0.574	0.601	40.7	14-168	4.46	24	L403957-01	WG423629
1,1-Dichloroethane	mg/l	0.546	0.563	87.3	30-159	3.10	21	L403957-01	WG423629
1,1-Dichloroethene	mg/l	0.526	0.567	80.8	10-162	7.63	23	L403957-01	WG423629
1,2,3-Trichlorobenzene	mg/l	0.631	0.529	101.	32-143	17.6	33	L403957-01	WG423629
1,2,4-Trichlorobenzene	mg/l	0.615	0.547	98.4	27-142	11.7	30	L403957-01	WG423629
1,2-Dibromo-3-Chloropropane	mg/l	0.511	0.489	81.7	37-148	4.23	27	L403957-01	WG423629
1,2-Dibromoethane	mg/l	0.568	0.491	90.8	41-149	14.4	21	L403957-01	WG423629
1,2-Dichlorobenzene	mg/l	0.579	0.580	92.7	40-139	0.024	23	L403957-01	WG423629
1,2-Dichloroethane	mg/l	0.584	0.523	93.4	29-167	11.1	21	L403957-01	WG423629
1,2-Dichloropropane	mg/l	0.551	0.539	88.1	39-148	2.03	20	L403957-01	WG423629
1,3-Dichlorobenzene	mg/l	0.576	0.574	92.1	32-148	0.223	24	L403957-01	WG423629
1,4-Dichlorobenzene	mg/l	0.561	0.568	89.7	32-136	1.23	23	L403957-01	WG423629
2-Butanone (MEK)	mg/l	2.80	2.47	89.4	32-151	12.4	26	L403957-01	WG423629
2-Hexanone	mg/l	3.05	2.53	97.5	41-155	18.6	28	L403957-01	WG423629
4-Methyl-2-pentanone (MIBK)	mg/l	3.05	2.62	97.7	40-160	15.0	28	L403957-01	WG423629
Acetone	mg/l	2.49	2.84	79.6	25-157	13.3	26	L403957-01	WG423629
Benzene	mg/l	0.544	0.553	87.1	16-158	1.50	21	L403957-01	WG423629
Bromochloromethane	mg/l	0.580	0.548	92.8	36-154	5.74	21	L403957-01	WG423629
Bromodichloromethane	mg/l	0.578	0.564	92.5	45-147	2.49	20	L403957-01	WG423629
Bromoform	mg/l	0.640	0.548	102.	38-152	15.4	20	L403957-01	WG423629
Bromomethane	mg/l	0.578	0.613	92.5	0-191	5.85	35	L403957-01	WG423629
Carbon disulfide	mg/l	0.475	0.541	75.9	10-166	13.0	25	L403957-01	WG423629
Carbon tetrachloride	mg/l	0.484	0.508	77.4	22-168	4.83	24	L403957-01	WG423629
Chlorobenzene	mg/l	0.544	0.556	87.0	33-148	2.10	22	L403957-01	WG423629
Chlorodibromomethane	mg/l	0.609	0.563	97.4	48-151	7.78	21	L403957-01	WG423629
Chloroethane	mg/l	0.543	0.577	86.9	4-176	5.98	27	L403957-01	WG423629
Chloroform	mg/l	0.514	0.526	82.2	37-147	2.32	21	L403957-01	WG423629
Chloromethane	mg/l	0.542	0.582	86.7	10-174	7.14	28	L403957-01	WG423629
cis-1,2-Dichloroethene	mg/l	0.742	0.766	89.9	29-156	3.13	22	L403957-01	WG423629
cis-1,3-Dichloropropene	mg/l	0.583	0.535	93.3	35-148	8.66	21	L403957-01	WG423629
Dichlorodifluoromethane	mg/l	0.528	0.562	84.5	0-200	6.18	26	L403957-01	WG423629
Ethylbenzene	mg/l	0.535	0.569	85.5	29-150	6.25	24	L403957-01	WG423629
Isopropylbenzene	mg/l	0.552	0.580	88.3	35-147	4.97	25	L403957-01	WG423629
Methyl tert-butyl ether	mg/l	0.604	0.560	96.7	24-167	7.60	22	L403957-01	WG423629
Methylene Chloride	mg/l	0.570	0.575	91.1	23-151	0.930	21	L403957-01	WG423629
Styrene	mg/l	0.572	0.562	91.5	38-149	1.74	23	L403957-01	WG423629
Tetrachloroethene	mg/l	2.85	3.09	72.3	13-157	8.02	24	L403957-01	WG423629
Toluene	mg/l	0.532	0.536	82.8	22-152	0.894	22	L403957-01	WG423629
trans-1,2-Dichloroethene	mg/l	0.514	0.568	82.2	11-160	10.0	23	L403957-01	WG423629
trans-1,3-Dichloropropene	mg/l	0.570	0.484	91.1	33-153	16.2	22	L403957-01	WG423629
Trichloroethene	mg/l	0.799	0.841	84.6	18-163	5.11	21	L403957-01	WG423629
Trichlorofluoromethane	mg/l	0.539	0.566	86.3	10-177	4.83	24	L403957-01	WG423629
Vinyl chloride	mg/l	0.516	0.558	82.6	0-179	7.71	26	L403957-01	WG423629
4-Bromofluorobenzene				99.84	75-128				WG423629
Dibromofluoromethane				103.3	79-125				WG423629
Toluene-d8				101.7	87-114				WG423629
Antimony	mg/kg	22.5	22.3	45*	75-125	0.893	20	L403723-03	WG423361
Arsenic	mg/kg	48.4	48.3	95.7	75-125	0.207	20	L403723-03	WG423361
Beryllium	mg/kg	49.5	48.9	98.1	75-125	1.22	20	L403723-03	WG423361
Cadmium	mg/kg	47.1	50.2	94.2	75-125	6.37	20	L403723-03	WG423361
Chromium	mg/kg	73.8	69.4	99.6	75-125	6.15	20	L403723-03	WG423361
Copper	mg/kg	67.2	70.7	106.	75-125	5.08	20	L403723-03	WG423361
Lead	mg/kg	53.4	52.6	99.6	75-125	1.51	20	L403723-03	WG423361

* Performance of this Analyte is outside of established criteria.

For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'



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Quality Assurance Report
Level II

June 24, 2009

L403723

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref	Samp	Batch
			Ref	%Rec						
Nickel	mg/kg	71.6	68.7	101.	75-125	4.13	20	L403723-03	WG423361	
Selenium	mg/kg	44.5	43.4	89.0	75-125	2.50	20	L403723-03	WG423361	
Silver	mg/kg	54.6	57.3	109.	75-125	4.83	20	L403723-03	WG423361	
Zinc	mg/kg	85.0	91.4	94.0	75-125	7.26	20	L403723-03	WG423361	
Thallium	mg/kg	44.3	43.9	88.6	75-125	0.907	20	L403723-03	WG423361	
Beryllium	mg/l	1.10	-0.0009	97.3	75-125	200.*	20	L403830-04	WG423508	
Cadmium	mg/l	1.10	0.0019	97.3	75-125	199.*	20	L403830-04	WG423508	
Chromium	mg/l	1.06	0.0012	93.5	75-125	200.*	20	L403830-04	WG423508	
Copper	mg/l	1.15	-0.0328	100.	75-125	212.*	20	L403830-04	WG423508	
Nickel	mg/l	1.10	0.0564	97.3	75-125	180.*	20	L403830-04	WG423508	
Selenium	mg/l	1.14	-0.0416	100.	75-125	215.*	20	L403830-04	WG423508	
Silver	mg/l	0.0819	-0.0207	7.248*	75-125	335.*	20	L403830-04	WG423508	
Zinc	mg/l	1.12	-0.0124	96.9	75-125	204.*	20	L403830-04	WG423508	
Mercury, Dissolved	mg/l	0.0025	0.0025	84.3	70-130	0.396	20	L404736-23	WG423970	
Antimony	mg/l	0.0600	0.0593	106.	75-125	1.17	20	L403687-07	WG423479	
Arsenic	mg/l	0.0673	0.0668	112.	75-125	0.746	20	L403687-07	WG423479	
Thallium	mg/l	0.0561	0.0555	98.9	75-125	1.08	20	L403687-07	WG423479	
Lead	mg/l	1.08	1.10	94.6	75-125	1.83	20	L403830-04	WG423508	
Beryllium, Dissolved	mg/l	1.10	1.11	97.3	75-125	0.905	20	L405024-06	WG424397	
Cadmium, Dissolved	mg/l	1.10	1.10	97.3	75-125	0.00	20	L405024-06	WG424397	
Chromium, Dissolved	mg/l	1.12	1.11	99.1	75-125	0.897	20	L405024-06	WG424397	
Copper, Dissolved	mg/l	1.11	1.10	98.2	75-125	0.905	20	L405024-06	WG424397	
Lead, Dissolved	mg/l	1.11	1.10	97.1	75-125	0.905	20	L405024-06	WG424397	
Nickel, Dissolved	mg/l	1.11	1.11	98.2	75-125	0.00	20	L405024-06	WG424397	
Selenium, Dissolved	mg/l	1.04	1.03	92.0	75-125	0.966	20	L405024-06	WG424397	
Silver, Dissolved	mg/l	0.0535	0.0534	4.735*	75-125	0.187	20	L405024-06	WG424397	
Zinc, Dissolved	mg/l	1.08	1.08	95.6	75-125	0.00	20	L405024-06	WG424397	
Antimony, Dissolved	mg/l	0.0602	0.0595	106.	75-125	1.17	20	L405024-12	WG424462	
Arsenic, Dissolved	mg/l	0.366	0.368	81.1	75-125	0.545	20	L405024-12	WG424462	
Thallium, Dissolved	mg/l	0.0544	0.0546	95.9	75-125	0.367	20	L405024-12	WG424462	

Batch number /Run number / Sample number cross reference

WG422912: R751646: L403723-01 03
 WG422986: R752526: L403723-01 03
 WG422918: R752948: L403723-01 03
 WG423321: R753947: L403723-01
 WG422935: R754327: L403723-02 04
 WG423285: R754330: L403723-01 03
 WG423158: R755497: L403723-01 03
 WG423185: R755686: L403723-05 06
 WG423435: R756866: L403723-05 06
 WG423525: R757126: L403723-01 03
 WG423629: R759806: L403723-05 06
 WG423361: R763006: L403723-03
 WG423508: R766126: L403723-05 06

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Level II

West Linn, OR 97068

June 24, 2009

L403723

WG423970: R769186: L403723-05 06
WG423479: R769466: L403723-05 06
WG424397: R770647: L403723-05 06
WG424462: R775786: L403723-05 06
WG427442: R788346: L403723-01 03
WG427744: R789452: L403723-05 06

* * Calculations are performed prior to rounding of reported values .
* Performance of this Analyte is outside of established criteria.
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L403723

June 24, 2009

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.



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Report Summary

Monday June 29, 2009

Report Number: L403980

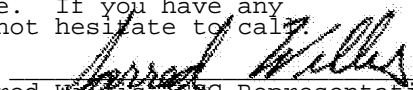
Samples Received: 05/22/09

Client Project: 008.0339.00001

Description: Bay Wood Project - Everett, WA

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:


Jarred Willis, ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140
NJ - TN002, NJ NELAP - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910

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Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.



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REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 29, 2009

Date Received : May 22, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-6A-6FT
Collected By : CK
Collection Date : 05/21/09 08:15

ESC Sample # : L403980-01

Site ID :

Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
Total Solids	83.4			%		2540G	05/27/09	1
Mercury	0.036	0.0025	0.024	mg/kg		7471	05/26/09	1
Antimony	U	0.52	1.2	mg/kg		6010B	05/31/09	1
Arsenic	1.4	0.27	1.2	mg/kg		6010B	05/31/09	1
Beryllium	0.78	0.038	0.12	mg/kg		6010B	05/31/09	1
Cadmium	U	0.037	0.30	mg/kg		6010B	05/31/09	1
Chromium	36.	0.098	0.60	mg/kg		6010B	05/31/09	1
Copper	25.	0.30	1.2	mg/kg		6010B	05/31/09	1
Lead	13.	0.096	0.30	mg/kg		6010B	05/31/09	1
Nickel	25.	0.49	1.2	mg/kg		6010B	05/31/09	1
Selenium	U	0.33	1.2	mg/kg		6010B	05/31/09	1
Silver	U	0.16	0.60	mg/kg		6010B	05/31/09	1
Thallium	U	1.5	6.0	mg/kg	O	6010B	05/31/09	5
Zinc	40.	0.44	1.8	mg/kg		6010B	05/31/09	1
Volatile Organics								
Acetone	0.040	0.017	0.060	mg/kg	J	8260B	05/28/09	1
Benzene	U	0.00032	0.0012	mg/kg		8260B	05/28/09	1
Bromochloromethane	U	0.00045	0.0012	mg/kg		8260B	05/28/09	1
Bromodichloromethane	U	0.00039	0.0012	mg/kg		8260B	05/28/09	1
Bromoform	U	0.00058	0.0012	mg/kg		8260B	05/28/09	1
Bromomethane	U	0.0013	0.0060	mg/kg		8260B	05/28/09	1
2-Butanone (MEK)	0.0050	0.0027	0.012	mg/kg	J	8260B	05/28/09	1
Carbon disulfide	0.0013	0.00033	0.0012	mg/kg		8260B	05/28/09	1
Carbon tetrachloride	U	0.00032	0.0012	mg/kg		8260B	05/28/09	1
Chlorobenzene	U	0.00025	0.0012	mg/kg		8260B	05/28/09	1
Chloroethane	U	0.00059	0.0060	mg/kg		8260B	05/28/09	1
Chloroform	U	0.00041	0.0060	mg/kg		8260B	05/28/09	1
Chloromethane	U	0.00056	0.0012	mg/kg		8260B	05/28/09	1
1,2-Dibromo-3-Chloropropane	U	0.0012	0.0060	mg/kg		8260B	05/28/09	1
Chlorodibromomethane	U	0.00023	0.0012	mg/kg		8260B	05/28/09	1
1,2-Dibromoethane	U	0.00032	0.0012	mg/kg		8260B	05/28/09	1
1,2-Dichlorobenzene	U	0.00024	0.0012	mg/kg		8260B	05/28/09	1
1,3-Dichlorobenzene	U	0.00038	0.0012	mg/kg		8260B	05/28/09	1
1,4-Dichlorobenzene	U	0.00022	0.0012	mg/kg		8260B	05/28/09	1
Dichlorodifluoromethane	U	0.00032	0.0060	mg/kg		8260B	05/28/09	1
1,1-Dichloroethane	U	0.00026	0.0012	mg/kg		8260B	05/28/09	1
1,2-Dichloroethane	U	0.00053	0.0012	mg/kg		8260B	05/28/09	1
1,1-Dichloroethene	U	0.00074	0.0012	mg/kg		8260B	05/28/09	1
cis-1,2-Dichloroethene	U	0.00072	0.0012	mg/kg		8260B	05/28/09	1
trans-1,2-Dichloroethene	U	0.00068	0.0012	mg/kg		8260B	05/28/09	1

Results listed are dry weight basis.

U = ND (Not Detected)

MDL = Minimum Detection Limit = LOD

RDL = Reported Detection Limit = LOQ = PQL = EQL

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REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 29, 2009

Date Received : May 22, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-6A-6FT
Collected By : CK
Collection Date : 05/21/09 08:15

ESC Sample # : L403980-01

Site ID :

Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
1,2-Dichloropropane	U	0.00075	0.0012	mg/kg		8260B	05/28/09	1
cis-1,3-Dichloropropene	U	0.00026	0.0012	mg/kg		8260B	05/28/09	1
trans-1,3-Dichloropropene	U	0.00036	0.0012	mg/kg		8260B	05/28/09	1
Ethylbenzene	U	0.00023	0.0012	mg/kg		8260B	05/28/09	1
2-Hexanone	U	0.00036	0.0012	mg/kg		8260B	05/28/09	1
Isopropylbenzene	U	0.00021	0.0012	mg/kg		8260B	05/28/09	1
4-Methyl-2-pentanone (MIBK)	U	0.0014	0.012	mg/kg		8260B	05/28/09	1
Methyl tert-butyl ether	U	0.00028	0.0012	mg/kg		8260B	05/28/09	1
Methylene Chloride	U	0.00060	0.0060	mg/kg		8260B	05/28/09	1
Styrene	U	0.00020	0.0012	mg/kg		8260B	05/28/09	1
1,1,2,2-Tetrachloroethane	U	0.00033	0.0012	mg/kg		8260B	05/28/09	1
Tetrachloroethene	U	0.00023	0.0012	mg/kg		8260B	05/28/09	1
Toluene	U	0.0012	0.0060	mg/kg		8260B	05/28/09	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.00025	0.0012	mg/kg		8260B	05/28/09	1
1,2,3-Trichlorobenzene	U	0.00023	0.0012	mg/kg		8260B	05/28/09	1
1,2,4-Trichlorobenzene	U	0.00025	0.0012	mg/kg		8260B	05/28/09	1
1,1,1-Trichloroethane	U	0.00052	0.0012	mg/kg		8260B	05/28/09	1
1,1,2-Trichloroethane	U	0.00046	0.0012	mg/kg		8260B	05/28/09	1
Trichloroethene	U	0.00034	0.0012	mg/kg		8260B	05/28/09	1
Trichlorofluoromethane	U	0.00027	0.0060	mg/kg		8260B	05/28/09	1
Vinyl chloride	U	0.00029	0.0012	mg/kg		8260B	05/28/09	1
Xylenes, Total	U	0.00046	0.0036	mg/kg		8260B	05/28/09	1
Cyclohexane	U	0.00033	0.0012	mg/kg	Q	8260B	06/20/09	1
1,4-Dioxane	U	0.033	0.12	mg/kg	Q	8260B	06/20/09	1
Methyl Acetate	U	0.0066	0.024	mg/kg	Q	8260B	06/20/09	1
Methyl Cyclohexane	U	0.00033	0.0012	mg/kg	Q	8260B	06/20/09	1
Surrogate Recovery								
Toluene-d8	97.2			% Rec.		8260B	05/28/09	1
Dibromofluoromethane	98.5			% Rec.		8260B	05/28/09	1
4-Bromofluorobenzene	81.4			% Rec.		8260B	05/28/09	1
Diesel Range Organics (DRO)	47.	1.3	4.8	mg/kg		NWTPHDX	06/05/09	1
Residual Range Organics (RRO)	490		10.	mg/kg		NWTPHDX	06/05/09	20
Surrogate Recovery								
o-Terphenyl	0.00			% Rec.	J7	NWTPHDX	06/05/09	20
Gasoline Range (C7-C10)	U	1.3	4.8	mg/kg		NWTPH-HC	05/28/09	1
Mineral Spirits	U	1.3	4.8	mg/kg		NWTPH-HC	05/28/09	1
Kerosene (C9-C16)	U	1.3	4.8	mg/kg		NWTPH-HC	05/28/09	1
Diesel (C7-C26)	18.	1.3	4.8	mg/kg		NWTPH-HC	05/28/09	1
#6 Fuel Oil (C10-C32)	U	1.3	4.8	mg/kg		NWTPH-HC	05/28/09	1
Hydraulic Fluid (C12-C33)	U	1.3	4.8	mg/kg		NWTPH-HC	05/28/09	1
Motor Oil (C16-C40)	530	66.	240	mg/kg		NWTPH-HC	05/28/09	20

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RDL = Reported Detection Limit = LOQ = PQL = EQL

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REPORT OF ANALYSIS

Chris Kramer
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1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 29, 2009

Date Received : May 22, 2009
Description : Bay Wood Project - Everett, WA

ESC Sample # : L403980-01

Sample ID : PB-6A-6FT

Site ID :

Collected By : CK
Collection Date : 05/21/09 08:15

Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
Surrogate recovery(%)								
o-Terphenyl	56.6			% Rec.		NWTPH-HC	05/28/09	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	0.0091	0.0064	0.036	mg/kg	J	8270C-SI	05/28/09	5
Acenaphthene	U	0.0064	0.036	mg/kg		8270C-SI	05/28/09	5
Acenaphthylene	U	0.0057	0.036	mg/kg		8270C-SI	05/28/09	5
Benzo(a)anthracene	0.049	0.019	0.14	mg/kg	J	8270C-SI	05/30/09	20
Benzo(a)pyrene	0.060	0.0042	0.036	mg/kg		8270C-SI	05/28/09	5
Benzo(b)fluoranthene	0.035	0.0072	0.036	mg/kg	J	8270C-SI	05/28/09	5
Benzo(g,h,i)perylene	0.038	0.0049	0.036	mg/kg		8270C-SI	05/28/09	5
Benzo(k)fluoranthene	0.019	0.0058	0.036	mg/kg	J	8270C-SI	05/28/09	5
Chrysene	0.082	0.017	0.14	mg/kg	J	8270C-SI	05/30/09	20
Dibenz(a,h)anthracene	0.013	0.0044	0.036	mg/kg	J	8270C-SI	05/28/09	5
Fluoranthene	0.018	0.0041	0.036	mg/kg	J	8270C-SI	05/28/09	5
Fluorene	0.020	0.0051	0.036	mg/kg	J	8270C-SI	05/28/09	5
Indeno(1,2,3-cd)pyrene	0.010	0.0044	0.036	mg/kg	J	8270C-SI	05/28/09	5
Naphthalene	0.029	0.0070	0.036	mg/kg	J	8270C-SI	05/28/09	5
Phenanthrene	0.047	0.0049	0.036	mg/kg		8270C-SI	05/28/09	5
Pyrene	0.079	0.019	0.14	mg/kg	J	8270C-SI	05/30/09	20
1-Methylnaphthalene	0.061	0.0074	0.036	mg/kg		8270C-SI	05/28/09	5
2-Methylnaphthalene	0.074	0.0099	0.036	mg/kg		8270C-SI	05/28/09	5
2-Chloronaphthalene	U	0.0052	0.036	mg/kg		8270C-SI	05/28/09	5
Surrogate Recovery								
Nitrobenzene-d5	62.5			% Rec.		8270C-SI	05/28/09	5
2-Fluorobiphenyl	51.9			% Rec.		8270C-SI	05/28/09	5
p-Terphenyl-d14	0.00			% Rec.	J7	8270C-SI	05/30/09	20
Polychlorinated Biphenyls								
PCB 1016	U	0.0020	0.020	mg/kg		8082	05/27/09	1
PCB 1221	U	0.0049	0.020	mg/kg		8082	05/27/09	1
PCB 1232	U	0.0072	0.020	mg/kg		8082	05/27/09	1
PCB 1242	U	0.0049	0.020	mg/kg		8082	05/27/09	1
PCB 1248	U	0.0027	0.020	mg/kg		8082	05/27/09	1
PCB 1254	U	0.0050	0.020	mg/kg		8082	05/27/09	1
PCB 1260	U	0.0028	0.020	mg/kg		8082	05/27/09	1
PCBs Surrogates								
Decachlorobiphenyl	57.5			% Rec.		8082	05/27/09	1
Tetrachloro-m-xylene	72.9			% Rec.		8082	05/27/09	1

Results listed are dry weight basis.

U = ND (Not Detected)

MDL = Minimum Detection Limit = LOD

RDL = Reported Detection Limit = LOQ = PQL = EQL

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 29, 2009

Date Received : May 22, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-6A-GW
Collected By : CK
Collection Date : 05/21/09 08:40

ESC Sample # : L403980-02

Site ID :

Project # : 008.0339.00001

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Gasoline Range (C7-C10)	U	33.	100	ug/l		NWTPH-H	05/27/09	1
Mineral Spirits	U	33.	100	ug/l		NWTPH-H	05/27/09	1
Kerosene (C9-C16)	U	33.	100	ug/l		NWTPH-H	05/27/09	1
Diesel (C7-C26)	U	33.	100	ug/l		NWTPH-H	05/27/09	1
#6 Fuel Oil (C10-C32)	U	33.	100	ug/l		NWTPH-H	05/27/09	1
Hydraulic Fluid (C12-C33)	U	33.	100	ug/l		NWTPH-H	05/27/09	1
Motor Oil (C16-C40)	U	160	500	ug/l		NWTPH-H	05/27/09	1
Surrogate recovery(%) o-Terphenyl	93.1			% Rec.		NWTPH-H	05/27/09	1

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REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 29, 2009

Date Received : May 22, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-6A-GW
Collected By : CK
Collection Date : 05/21/09 08:40

ESC Sample # : L403980-03

Site ID :

Project # : 008.0339.00001

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Antimony	1.4	0.29	1.0	ug/l		6020	06/14/09	1
Antimony, Dissolved	0.52	0.29	1.0	ug/l	J	6020	06/16/09	1
Arsenic	12.	0.22	1.0	ug/l		6020	06/14/09	1
Arsenic, Dissolved	2.2	0.22	1.0	ug/l		6020	06/16/09	1
Thallium	0.61	0.22	1.0	ug/l	J	6020	06/14/09	1
Thallium, Dissolved	U	0.22	1.0	ug/l		6020	06/16/09	1
Mercury	U	0.057	0.20	ug/l		7470A	06/12/09	1
Mercury, Dissolved	U	0.044	0.20	ug/l		7470A	06/14/09	1
Beryllium	U	0.75	2.0	ug/l		6010B	06/15/09	1
Beryllium, Dissolved	0.90	0.75	2.0	ug/l	J	6010B	06/15/09	1
Cadmium	U	0.74	5.0	ug/l		6010B	06/15/09	1
Cadmium, Dissolved	U	0.74	5.0	ug/l		6010B	06/15/09	1
Chromium	24.	2.0	10.	ug/l		6010B	06/15/09	1
Chromium, Dissolved	U	2.0	10.	ug/l		6010B	06/15/09	1
Copper	31.	6.0	20.	ug/l		6010B	06/15/09	1
Copper, Dissolved	U	6.0	20.	ug/l		6010B	06/15/09	1
Lead	12.	1.9	5.0	ug/l		6010B	06/15/09	1
Lead, Dissolved	U	1.9	5.0	ug/l		6010B	06/15/09	1
Nickel	35.	9.8	20.	ug/l		6010B	06/15/09	1
Nickel, Dissolved	U	9.8	20.	ug/l		6010B	06/15/09	1
Selenium	U	6.5	20.	ug/l		6010B	06/15/09	1
Selenium, Dissolved	U	6.5	20.	ug/l		6010B	06/15/09	1
Silver	U	3.2	10.	ug/l		6010B	06/15/09	1
Silver, Dissolved	5.1	3.2	10.	ug/l	J	6010B	06/15/09	1
Zinc	42.	8.8	30.	ug/l		6010B	06/15/09	1
Zinc, Dissolved	U	8.8	30.	ug/l		6010B	06/15/09	1
Volatile Organics								
Acetone	U	8.9	25.	ug/l		8260B	05/29/09	1
Benzene	U	0.29	0.50	ug/l		8260B	05/29/09	1
Bromochloromethane	U	0.44	0.50	ug/l		8260B	05/29/09	1
Bromodichloromethane	U	0.37	0.50	ug/l		8260B	05/29/09	1
Bromoform	U	0.51	0.50	ug/l		8260B	05/29/09	1
Bromomethane	U	0.89	0.50	ug/l		8260B	05/29/09	1
2-Butanone (MEK)	U	4.5	2.5	ug/l		8260B	05/29/09	1
Carbon disulfide	U	0.32	0.50	ug/l		8260B	05/29/09	1
Carbon tetrachloride	U	0.31	0.50	ug/l		8260B	05/29/09	1
Chlorobenzene	U	0.26	0.50	ug/l		8260B	05/29/09	1
Chloroethane	U	0.86	0.50	ug/l		8260B	05/29/09	1
Chloroform	U	0.33	0.50	ug/l		8260B	05/29/09	1
Chloromethane	U	0.25	0.50	ug/l		8260B	05/29/09	1

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REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 29, 2009

Date Received : May 22, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-6A-GW
Collected By : CK
Collection Date : 05/21/09 08:40

ESC Sample # : L403980-03

Site ID :

Project # : 008.0339.00001

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
1,2-Dibromo-3-Chloropropane	U	0.48	1.0	ug/l		8260B	05/29/09	1
Chlorodibromomethane	U	0.42	0.50	ug/l		8260B	05/29/09	1
1,2-Dibromoethane	U	0.48	0.50	ug/l	J4J3	8260B	05/29/09	1
1,2-Dichlorobenzene	U	0.29	0.50	ug/l		8260B	05/29/09	1
1,3-Dichlorobenzene	U	0.19	0.50	ug/l		8260B	05/29/09	1
1,4-Dichlorobenzene	U	0.30	0.50	ug/l		8260B	05/29/09	1
Dichlorodifluoromethane	U	0.54	0.50	ug/l		8260B	05/29/09	1
1,1-Dichloroethane	U	0.31	0.50	ug/l		8260B	05/29/09	1
1,2-Dichloroethane	U	0.27	0.50	ug/l		8260B	05/29/09	1
1,1-Dichloroethene	U	0.50	0.50	ug/l		8260B	05/29/09	1
cis-1,2-Dichloroethene	U	0.38	0.50	ug/l		8260B	05/29/09	1
trans-1,2-Dichloroethene	U	0.30	0.50	ug/l		8260B	05/29/09	1
1,2-Dichloropropane	U	0.52	0.50	ug/l		8260B	05/29/09	1
cis-1,3-Dichloropropene	U	0.26	0.50	ug/l		8260B	05/29/09	1
trans-1,3-Dichloropropene	U	0.24	0.50	ug/l	J3	8260B	05/29/09	1
Ethylbenzene	U	0.22	0.50	ug/l		8260B	05/29/09	1
2-Hexanone	U	0.16	2.5	ug/l		8260B	05/29/09	1
Isopropylbenzene	U	0.19	0.50	ug/l		8260B	05/29/09	1
4-Methyl-2-pentanone (MIBK)	U	1.4	2.5	ug/l		8260B	05/29/09	1
Methyl tert-butyl ether	U	0.19	0.50	ug/l		8260B	05/29/09	1
Methylene Chloride	U	0.30	2.5	ug/l		8260B	05/29/09	1
Styrene	U	0.38	0.50	ug/l		8260B	05/29/09	1
1,1,2,2-Tetrachloroethane	U	0.22	0.50	ug/l		8260B	05/29/09	1
Tetrachloroethene	U	0.29	0.50	ug/l		8260B	05/29/09	1
Toluene	0.86	0.27	0.50	ug/l		8260B	05/29/09	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.22	0.50	ug/l		8260B	05/29/09	1
1,2,3-Trichlorobenzene	U	0.24	0.50	ug/l	J3	8260B	05/29/09	1
1,2,4-Trichlorobenzene	U	0.26	0.50	ug/l		8260B	05/29/09	1
1,1,1-Trichloroethane	U	0.27	0.50	ug/l		8260B	05/29/09	1
1,1,2-Trichloroethane	U	0.45	0.50	ug/l		8260B	05/29/09	1
Trichloroethene	U	0.37	0.50	ug/l		8260B	05/29/09	1
Trichlorofluoromethane	U	0.29	0.50	ug/l		8260B	05/29/09	1
Vinyl chloride	U	0.29	0.50	ug/l		8260B	05/29/09	1
Xylenes, Total	U	0.86	1.5	ug/l		8260B	05/29/09	1
Cyclohexane	U	0.30	1.0	ug/l	Q	8260B	06/22/09	1
1,4-Dioxane	U	33.	100	ug/l	Q	8260B	06/22/09	1
Methyl Acetate	U	6.6	20.	ug/l	Q	8260B	06/22/09	1
Methyl Cyclohexane	U	0.33	1.0	ug/l	Q	8260B	06/22/09	1
Surrogate Recovery								
Toluene-d8		97.8		% Rec.		8260B	05/29/09	1
Dibromofluoromethane		99.0		% Rec.		8260B	05/29/09	1
4-Bromofluorobenzene		100.		% Rec.		8260B	05/29/09	1

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REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 29, 2009

Date Received : May 22, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-6A-GW
Collected By : CK
Collection Date : 05/21/09 08:40

ESC Sample # : L403980-03

Site ID :

Project # : 008.0339.00001

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Polynuclear Aromatic Hydrocarbons								
Anthracene	U	0.012	0.050	ug/l		8270C-S	05/26/09	1
Acenaphthene	U	0.013	0.050	ug/l		8270C-S	05/26/09	1
Acenaphthylene	U	0.017	0.050	ug/l		8270C-S	05/26/09	1
Benzo(a)anthracene	U	0.023	0.050	ug/l		8270C-S	05/26/09	1
Benzo(a)pyrene	U	0.013	0.050	ug/l		8270C-S	05/26/09	1
Benzo(b)fluoranthene	U	0.024	0.050	ug/l		8270C-S	05/26/09	1
Benzo(g,h,i)perylene	U	0.018	0.050	ug/l		8270C-S	05/26/09	1
Benzo(k)fluoranthene	U	0.020	0.050	ug/l		8270C-S	05/26/09	1
Chrysene	U	0.018	0.050	ug/l		8270C-S	05/26/09	1
Dibenz(a,h)anthracene	U	0.013	0.050	ug/l		8270C-S	05/26/09	1
Fluoranthene	0.027	0.020	0.050	ug/l	J	8270C-S	05/26/09	1
Fluorene	0.013	0.012	0.050	ug/l	J	8270C-S	05/26/09	1
Indeno(1,2,3-cd)pyrene	U	0.015	0.050	ug/l		8270C-S	05/26/09	1
Naphthalene	0.074	0.023	0.25	ug/l	J	8270C-S	05/26/09	1
Phenanthrene	0.038	0.018	0.050	ug/l	J	8270C-S	05/26/09	1
Pyrene	U	0.022	0.050	ug/l		8270C-S	05/26/09	1
1-Methylnaphthalene	0.019	0.014	0.25	ug/l	J	8270C-S	05/26/09	1
2-Methylnaphthalene	0.026	0.014	0.25	ug/l	J	8270C-S	05/26/09	1
2-Chloronaphthalene	U	0.014	0.25	ug/l		8270C-S	05/26/09	1
Surrogate Recovery								
Nitrobenzene-d5	48.7			% Rec.		8270C-S	05/26/09	1
2-Fluorobiphenyl	56.7			% Rec.		8270C-S	05/26/09	1
p-Terphenyl-d14	66.4			% Rec.		8270C-S	05/26/09	1
Polychlorinated Biphenyls								
PCB 1016	U	0.077	0.50	ug/l		8082	05/29/09	1
PCB 1221	U	0.16	0.50	ug/l		8082	05/29/09	1
PCB 1232	U	0.18	0.50	ug/l		8082	05/29/09	1
PCB 1242	U	0.099	0.50	ug/l		8082	05/29/09	1
PCB 1248	U	0.039	0.50	ug/l		8082	05/29/09	1
PCB 1254	U	0.12	0.50	ug/l		8082	05/29/09	1
PCB 1260	U	0.16	0.50	ug/l		8082	05/29/09	1
PCBs Surrogates								
Decachlorobiphenyl	53.6			% Rec.		8082	05/29/09	1
Tetrachloro-m-xylene	62.5			% Rec.		8082	05/29/09	1

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REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 29, 2009

Date Received : May 22, 2009
Description : Bay Wood Project - Everett, WA

ESC Sample # : L403980-04

Sample ID : PB-3C-7FT

Site ID :

Collected By : CK
Collection Date : 05/21/09 08:15

Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
Total Solids	94.0			%		2540G	05/27/09	1
Mercury	0.019	0.0025	0.021	mg/kg	J	7471	05/25/09	1
Antimony	U	0.52	1.1	mg/kg		6010B	05/31/09	1
Arsenic	U	0.27	1.1	mg/kg		6010B	05/31/09	1
Beryllium	0.68	0.038	0.11	mg/kg		6010B	05/31/09	1
Cadmium	U	0.037	0.26	mg/kg		6010B	05/31/09	1
Chromium	29.	0.098	0.53	mg/kg		6010B	05/31/09	1
Copper	18.	0.30	1.1	mg/kg		6010B	05/31/09	1
Lead	5.6	0.096	0.26	mg/kg		6010B	05/31/09	1
Nickel	38.	0.49	1.1	mg/kg		6010B	05/31/09	1
Selenium	U	1.6	5.3	mg/kg	O	6010B	05/31/09	5
Silver	U	0.16	0.53	mg/kg		6010B	05/31/09	1
Thallium	U	1.5	5.3	mg/kg	O	6010B	05/31/09	5
Zinc	38.	0.44	1.6	mg/kg		6010B	05/31/09	1
Diesel Range Organics (DRO)	42.	1.3	4.2	mg/kg		NWTPHDX	06/05/09	1
Residual Range Organics (RRO)	550	66.	210	mg/kg		NWTPHDX	06/05/09	20
Surrogate Recovery								
o-Terphenyl	0.00			% Rec.	J7	NWTPHDX	06/05/09	20
Gasoline Range (C7-C10)	U	1.3	4.2	mg/kg		NWTPH-HC	05/28/09	1
Mineral Spirits	U	1.3	4.2	mg/kg		NWTPH-HC	05/28/09	1
Kerosene (C9-C16)	U	1.3	4.2	mg/kg		NWTPH-HC	05/28/09	1
Diesel (C7-C26)	26.	1.3	4.2	mg/kg		NWTPH-HC	05/28/09	1
#6 Fuel Oil (C10-C32)	U	1.3	4.2	mg/kg		NWTPH-HC	05/28/09	1
Hydraulic Fluid (C12-C33)	U	1.3	4.2	mg/kg		NWTPH-HC	05/28/09	1
Motor Oil (C16-C40)	450	66.	210	mg/kg		NWTPH-HC	05/28/09	20
Surrogate recovery(%)								
o-Terphenyl	78.7			% Rec.		NWTPH-HC	05/28/09	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	U	0.0064	0.032	mg/kg	J6	8270C-SI	05/28/09	5
Acenaphthene	U	0.0064	0.032	mg/kg	J6	8270C-SI	05/28/09	5
Acenaphthylene	U	0.0057	0.032	mg/kg	J6	8270C-SI	05/28/09	5
Benzo(a)anthracene	0.0096	0.0048	0.032	mg/kg	JJ6	8270C-SI	05/28/09	5
Benzo(a)pyrene	0.0083	0.0042	0.032	mg/kg	JJ6	8270C-SI	05/28/09	5
Benzo(b)fluoranthene	0.013	0.0072	0.032	mg/kg	JJ6	8270C-SI	05/28/09	5
Benzo(g,h,i)perylene	0.0065	0.0049	0.032	mg/kg	JJ6J	8270C-SI	05/28/09	5
Benzo(k)fluoranthene	0.0083	0.0058	0.032	mg/kg	JJ6	8270C-SI	05/28/09	5
Chrysene	0.0063	0.0044	0.032	mg/kg	JJ6	8270C-SI	05/28/09	5
Dibenz(a,h)anthracene	U	0.0044	0.032	mg/kg	J6	8270C-SI	05/28/09	5

Results listed are dry weight basis.

U = ND (Not Detected)

MDL = Minimum Detection Limit = LOD

RDL = Reported Detection Limit = LOQ = PQL = EQ

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 29, 2009

Date Received : May 22, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-3C-7FT
Collected By : CK
Collection Date : 05/21/09 08:15

ESC Sample # : L403980-04

Site ID :

Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
Fluoranthene	0.013	0.0041	0.032	mg/kg	JJ6	8270C-SI	05/28/09	5
Fluorene	U	0.0051	0.032	mg/kg	J6	8270C-SI	05/28/09	5
Indeno(1,2,3-cd)pyrene	U	0.0044	0.032	mg/kg	J6	8270C-SI	05/28/09	5
Naphthalene	0.013	0.0070	0.032	mg/kg	JJ6	8270C-SI	05/28/09	5
Phenanthrene	0.012	0.0049	0.032	mg/kg	JJ6	8270C-SI	05/28/09	5
Pyrene	0.017	0.0048	0.032	mg/kg	JJ6	8270C-SI	05/28/09	5
1-Methylnaphthalene	0.032	0.0074	0.032	mg/kg		8270C-SI	05/28/09	5
2-Methylnaphthalene	0.021	0.0099	0.032	mg/kg	J	8270C-SI	05/28/09	5
2-Chloronaphthalene	U	0.0052	0.032	mg/kg	J6	8270C-SI	05/28/09	5
Surrogate Recovery								
Nitrobenzene-d5	63.8			% Rec.		8270C-SI	05/28/09	5
2-Fluorobiphenyl	73.7			% Rec.		8270C-SI	05/28/09	5
p-Terphenyl-d14	83.2			% Rec.		8270C-SI	05/28/09	5
Polychlorinated Biphenyls								
PCB 1016	U	0.0020	0.018	mg/kg		8082	05/26/09	1
PCB 1221	U	0.0049	0.018	mg/kg		8082	05/26/09	1
PCB 1232	U	0.0072	0.018	mg/kg		8082	05/26/09	1
PCB 1242	U	0.0049	0.018	mg/kg		8082	05/26/09	1
PCB 1248	U	0.0027	0.018	mg/kg		8082	05/26/09	1
PCB 1254	U	0.0050	0.018	mg/kg		8082	05/26/09	1
PCB 1260	U	0.0028	0.018	mg/kg		8082	05/26/09	1
PCBs Surrogates								
Decachlorobiphenyl	53.0			% Rec.		8082	05/26/09	1
Tetrachloro-m-xylene	98.1			% Rec.		8082	05/26/09	1

Results listed are dry weight basis.

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June 29, 2009

Date Received : May 22, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-3C-GW
Collected By : CK
Collection Date : 05/21/09 08:40

ESC Sample # : L403980-05

Site ID :

Project # : 008.0339.00001

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Gasoline Range (C7-C10)	U	33.	100	ug/l		NWTPH-H	05/27/09	1
Mineral Spirits	U	33.	100	ug/l		NWTPH-H	05/27/09	1
Kerosene (C9-C16)	U	33.	100	ug/l		NWTPH-H	05/27/09	1
Diesel (C7-C26)	U	33.	100	ug/l		NWTPH-H	05/27/09	1
#6 Fuel Oil (C10-C32)	U	33.	100	ug/l		NWTPH-H	05/27/09	1
Hydraulic Fluid (C12-C33)	U	33.	100	ug/l		NWTPH-H	05/27/09	1
Motor Oil (C16-C40)	U	160	500	ug/l		NWTPH-H	05/27/09	1
Surrogate recovery(%) o-Terphenyl	113.			% Rec.		NWTPH-H	05/27/09	1

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MDL = Minimum Detection Limit = LOD = SQL(TRRP)

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June 29, 2009

Date Received : May 22, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-3C-GW
Collected By : CK
Collection Date : 05/21/09 08:40

ESC Sample # : L403980-06

Site ID :

Project # : 008.0339.00001

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Antimony	0.71	0.29	1.0	ug/l	J	6020	06/04/09	1
Antimony, Dissolved	U	0.29	1.0	ug/l		6020	06/03/09	1
Arsenic	1.6	0.22	1.0	ug/l		6020	06/04/09	1
Arsenic, Dissolved	0.69	0.22	1.0	ug/l	J	6020	06/03/09	1
Thallium	U	0.22	1.0	ug/l		6020	06/04/09	1
Thallium, Dissolved	U	0.22	1.0	ug/l		6020	06/03/09	1
Mercury	U	0.057	0.20	ug/l		7470A	06/01/09	1
Mercury, Dissolved	U	0.044	0.20	ug/l		7470A	05/27/09	1
Beryllium	U	0.75	2.0	ug/l		6010B	06/01/09	1
Beryllium, Dissolved	U	0.75	2.0	ug/l		6010B	05/29/09	1
Cadmium	1.4	0.74	5.0	ug/l	J	6010B	06/01/09	1
Cadmium, Dissolved	0.93	0.74	5.0	ug/l	J	6010B	05/29/09	1
Chromium	U	2.0	10.	ug/l		6010B	06/01/09	1
Chromium, Dissolved	U	2.0	10.	ug/l		6010B	05/29/09	1
Copper	U	6.0	20.	ug/l		6010B	06/01/09	1
Copper, Dissolved	U	6.0	20.	ug/l		6010B	05/29/09	1
Lead	7.2	1.9	5.0	ug/l		6010B	06/01/09	1
Lead, Dissolved	U	1.9	5.0	ug/l		6010B	05/29/09	1
Nickel	30.	9.8	20.	ug/l		6010B	06/01/09	1
Nickel, Dissolved	13.	9.8	20.	ug/l	J	6010B	05/29/09	1
Selenium	U	6.5	20.	ug/l		6010B	06/01/09	1
Selenium, Dissolved	U	6.5	20.	ug/l		6010B	05/29/09	1
Silver	U	3.2	10.	ug/l		6010B	06/01/09	1
Silver, Dissolved	U	3.2	10.	ug/l		6010B	05/29/09	1
Zinc	U	8.8	30.	ug/l		6010B	06/01/09	1
Zinc, Dissolved	19.	8.8	30.	ug/l	J	6010B	05/29/09	1
Volatile Organics								
Acetone	12.	8.9	25.	ug/l	J	8260B	05/29/09	1
Benzene	U	0.29	0.50	ug/l		8260B	05/29/09	1
Bromochloromethane	U	0.44	0.50	ug/l		8260B	05/29/09	1
Bromodichloromethane	U	0.37	0.50	ug/l		8260B	05/29/09	1
Bromoform	U	0.51	0.50	ug/l		8260B	05/29/09	1
Bromomethane	U	0.89	0.50	ug/l		8260B	05/29/09	1
2-Butanone (MEK)	U	4.5	2.5	ug/l		8260B	05/29/09	1
Carbon disulfide	U	0.32	0.50	ug/l		8260B	05/29/09	1
Carbon tetrachloride	U	0.31	0.50	ug/l		8260B	05/29/09	1
Chlorobenzene	U	0.26	0.50	ug/l		8260B	05/29/09	1
Chloroethane	U	0.86	0.50	ug/l		8260B	05/29/09	1
Chloroform	U	0.33	0.50	ug/l		8260B	05/29/09	1
Chloromethane	U	0.25	0.50	ug/l		8260B	05/29/09	1

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REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 29, 2009

Date Received : May 22, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-3C-GW
Collected By : CK
Collection Date : 05/21/09 08:40

ESC Sample # : L403980-06

Site ID :

Project # : 008.0339.00001

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
1,2-Dibromo-3-Chloropropane	U	0.48	1.0	ug/l		8260B	05/29/09	1
Chlorodibromomethane	U	0.42	0.50	ug/l		8260B	05/29/09	1
1,2-Dibromoethane	U	0.48	0.50	ug/l	J4J3	8260B	05/29/09	1
1,2-Dichlorobenzene	U	0.29	0.50	ug/l		8260B	05/29/09	1
1,3-Dichlorobenzene	U	0.19	0.50	ug/l		8260B	05/29/09	1
1,4-Dichlorobenzene	U	0.30	0.50	ug/l		8260B	05/29/09	1
Dichlorodifluoromethane	U	0.54	0.50	ug/l		8260B	05/29/09	1
1,1-Dichloroethane	U	0.31	0.50	ug/l		8260B	05/29/09	1
1,2-Dichloroethane	U	0.27	0.50	ug/l		8260B	05/29/09	1
1,1-Dichloroethene	U	0.50	0.50	ug/l		8260B	05/29/09	1
cis-1,2-Dichloroethene	U	0.38	0.50	ug/l		8260B	05/29/09	1
trans-1,2-Dichloroethene	U	0.30	0.50	ug/l		8260B	05/29/09	1
1,2-Dichloropropane	U	0.52	0.50	ug/l		8260B	05/29/09	1
cis-1,3-Dichloropropene	U	0.26	0.50	ug/l		8260B	05/29/09	1
trans-1,3-Dichloropropene	U	0.24	0.50	ug/l	J3	8260B	05/29/09	1
Ethylbenzene	U	0.22	0.50	ug/l		8260B	05/29/09	1
2-Hexanone	U	0.16	2.5	ug/l		8260B	05/29/09	1
Isopropylbenzene	U	0.19	0.50	ug/l		8260B	05/29/09	1
4-Methyl-2-pentanone (MIBK)	U	1.4	2.5	ug/l		8260B	05/29/09	1
Methyl tert-butyl ether	U	0.19	0.50	ug/l		8260B	05/29/09	1
Methylene Chloride	U	0.30	2.5	ug/l		8260B	05/29/09	1
Styrene	U	0.38	0.50	ug/l		8260B	05/29/09	1
1,1,2,2-Tetrachloroethane	U	0.22	0.50	ug/l		8260B	05/29/09	1
Tetrachloroethene	U	0.29	0.50	ug/l		8260B	05/29/09	1
Toluene	U	0.27	0.50	ug/l		8260B	05/29/09	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.22	0.50	ug/l		8260B	05/29/09	1
1,2,3-Trichlorobenzene	U	0.24	0.50	ug/l	J3	8260B	05/29/09	1
1,2,4-Trichlorobenzene	U	0.26	0.50	ug/l		8260B	05/29/09	1
1,1,1-Trichloroethane	U	0.27	0.50	ug/l		8260B	05/29/09	1
1,1,2-Trichloroethane	U	0.45	0.50	ug/l		8260B	05/29/09	1
Trichloroethene	U	0.37	0.50	ug/l		8260B	05/29/09	1
Trichlorofluoromethane	U	0.29	0.50	ug/l		8260B	05/29/09	1
Vinyl chloride	U	0.29	0.50	ug/l		8260B	05/29/09	1
Xylenes, Total	U	0.86	1.5	ug/l		8260B	05/29/09	1
Cyclohexane	U	0.30	1.0	ug/l	Q	8260B	06/22/09	1
1,4-Dioxane	U	33.	100	ug/l	Q	8260B	06/22/09	1
Methyl Acetate	U	6.6	20.	ug/l	Q	8260B	06/22/09	1
Methyl Cyclohexane	U	0.33	1.0	ug/l	Q	8260B	06/22/09	1
Surrogate Recovery								
Toluene-d8	97.8			% Rec.		8260B	05/29/09	1
Dibromofluoromethane	102.			% Rec.		8260B	05/29/09	1
4-Bromofluorobenzene	98.9			% Rec.		8260B	05/29/09	1

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REPORT OF ANALYSIS

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SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 29, 2009

Date Received : May 22, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-3C-GW
Collected By : CK
Collection Date : 05/21/09 08:40

ESC Sample # : L403980-06

Site ID :

Project # : 008.0339.00001

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Polynuclear Aromatic Hydrocarbons								
Anthracene	U	0.012	0.050	ug/l		8270C-S	05/26/09	1
Acenaphthene	0.043	0.013	0.050	ug/l	J	8270C-S	05/26/09	1
Acenaphthylene	U	0.017	0.050	ug/l		8270C-S	05/26/09	1
Benzo(a)anthracene	U	0.023	0.050	ug/l		8270C-S	05/26/09	1
Benzo(a)pyrene	U	0.013	0.050	ug/l		8270C-S	05/26/09	1
Benzo(b)fluoranthene	U	0.024	0.050	ug/l		8270C-S	05/26/09	1
Benzo(g,h,i)perylene	U	0.018	0.050	ug/l		8270C-S	05/26/09	1
Benzo(k)fluoranthene	U	0.020	0.050	ug/l		8270C-S	05/26/09	1
Chrysene	U	0.018	0.050	ug/l		8270C-S	05/26/09	1
Dibenz(a,h)anthracene	U	0.013	0.050	ug/l		8270C-S	05/26/09	1
Fluoranthene	0.021	0.020	0.050	ug/l	J	8270C-S	05/26/09	1
Fluorene	0.017	0.012	0.050	ug/l	J	8270C-S	05/26/09	1
Indeno(1,2,3-cd)pyrene	U	0.015	0.050	ug/l		8270C-S	05/26/09	1
Naphthalene	U	0.023	0.25	ug/l		8270C-S	05/26/09	1
Phenanthrene	0.021	0.018	0.050	ug/l	J	8270C-S	05/26/09	1
Pyrene	U	0.022	0.050	ug/l		8270C-S	05/26/09	1
1-Methylnaphthalene	U	0.014	0.25	ug/l		8270C-S	05/26/09	1
2-Methylnaphthalene	U	0.014	0.25	ug/l		8270C-S	05/26/09	1
2-Chloronaphthalene	U	0.014	0.25	ug/l		8270C-S	05/26/09	1
Surrogate Recovery								
Nitrobenzene-d5	75.0			% Rec.		8270C-S	05/26/09	1
2-Fluorobiphenyl	80.5			% Rec.		8270C-S	05/26/09	1
p-Terphenyl-d14	86.2			% Rec.		8270C-S	05/26/09	1

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June 29, 2009

Date Received : May 22, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-3D-5.5FT
Collected By : CK
Collection Date : 05/21/09 08:15

ESC Sample # : L403980-07

Site ID :

Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
Total Solids	91.7			%		2540G	05/27/09	1
Mercury	0.022	0.0025	0.022	mg/kg		7471	05/25/09	1
Antimony	U	0.52	1.1	mg/kg		6010B	05/31/09	1
Arsenic	U	0.27	1.1	mg/kg		6010B	05/31/09	1
Beryllium	0.87	0.038	0.11	mg/kg		6010B	05/31/09	1
Cadmium	U	0.037	0.27	mg/kg		6010B	05/31/09	1
Chromium	32.	0.098	0.54	mg/kg		6010B	05/31/09	1
Copper	26.	0.30	1.1	mg/kg		6010B	05/31/09	1
Lead	3.8	0.096	0.27	mg/kg		6010B	05/31/09	1
Nickel	42.	0.49	1.1	mg/kg		6010B	05/31/09	1
Selenium	U	0.65	2.2	mg/kg	O	6010B	05/31/09	2
Silver	U	0.16	0.54	mg/kg		6010B	05/31/09	1
Thallium	U	3.0	11.	mg/kg	O	6010B	05/31/09	10
Zinc	41.	0.44	1.6	mg/kg		6010B	05/31/09	1
Diesel Range Organics (DRO)	1.7	1.3	4.4	mg/kg	J	NWTPHDX	06/05/09	1
Residual Range Organics (RRO)	16.	3.3	11.	mg/kg		NWTPHDX	06/05/09	1
Surrogate Recovery								
o-Terphenyl	78.1			% Rec.		NWTPHDX	06/05/09	1
Gasoline Range (C7-C10)	U	1.3	4.4	mg/kg		NWTPH-HC	05/28/09	1
Mineral Spirits	U	1.3	4.4	mg/kg		NWTPH-HC	05/28/09	1
Kerosene (C9-C16)	U	1.3	4.4	mg/kg		NWTPH-HC	05/28/09	1
Diesel (C7-C26)	U	1.3	4.4	mg/kg		NWTPH-HC	05/28/09	1
#6 Fuel Oil (C10-C32)	U	1.3	4.4	mg/kg		NWTPH-HC	05/28/09	1
Hydraulic Fluid (C12-C33)	U	1.3	4.4	mg/kg		NWTPH-HC	05/28/09	1
Motor Oil (C16-C40)	17.	3.3	11.	mg/kg		NWTPH-HC	05/28/09	1
Surrogate recovery(%)								
o-Terphenyl	93.0			% Rec.		NWTPH-HC	05/28/09	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	U	0.0013	0.0065	mg/kg		8270C-SI	05/28/09	1
Acenaphthene	U	0.0013	0.0065	mg/kg		8270C-SI	05/28/09	1
Acenaphthylene	U	0.0011	0.0065	mg/kg		8270C-SI	05/28/09	1
Benzo(a)anthracene	U	0.00096	0.0065	mg/kg		8270C-SI	05/28/09	1
Benzo(a)pyrene	0.0014	0.00083	0.0065	mg/kg	J	8270C-SI	05/28/09	1
Benzo(b)fluoranthene	0.0018	0.0014	0.0065	mg/kg	J	8270C-SI	05/28/09	1
Benzo(g,h,i)perylene	0.0015	0.00098	0.0065	mg/kg	J	8270C-SI	05/28/09	1
Benzo(k)fluoranthene	U	0.0012	0.0065	mg/kg		8270C-SI	05/28/09	1
Chrysene	0.0013	0.00087	0.0065	mg/kg	J	8270C-SI	05/28/09	1
Dibenz(a,h)anthracene	U	0.00089	0.0065	mg/kg		8270C-SI	05/28/09	1

Results listed are dry weight basis.

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 29, 2009

Date Received : May 22, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-3D-5.5FT
Collected By : CK
Collection Date : 05/21/09 08:15

ESC Sample # : L403980-07

Site ID :

Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
Fluoranthene	0.0028	0.00081	0.0065	mg/kg	J	8270C-SI	05/28/09	1
Fluorene	U	0.0010	0.0065	mg/kg		8270C-SI	05/28/09	1
Indeno(1,2,3-cd)pyrene	0.0010	0.00088	0.0065	mg/kg	J	8270C-SI	05/28/09	1
Naphthalene	0.0044	0.0014	0.0065	mg/kg	J	8270C-SI	05/28/09	1
Phenanthrene	0.0027	0.00098	0.0065	mg/kg	J	8270C-SI	05/28/09	1
Pyrene	0.0022	0.00096	0.0065	mg/kg	J	8270C-SI	05/28/09	1
1-Methylnaphthalene	U	0.0015	0.0065	mg/kg		8270C-SI	05/28/09	1
2-Methylnaphthalene	U	0.0020	0.0065	mg/kg		8270C-SI	05/28/09	1
2-Chloronaphthalene	U	0.0010	0.0065	mg/kg		8270C-SI	05/28/09	1
Surrogate Recovery								
Nitrobenzene-d5	65.7			% Rec.		8270C-SI	05/28/09	1
2-Fluorobiphenyl	78.5			% Rec.		8270C-SI	05/28/09	1
p-Terphenyl-d14	89.1			% Rec.		8270C-SI	05/28/09	1
Polychlorinated Biphenyls								
PCB 1016	U	0.0020	0.018	mg/kg		8082	05/26/09	1
PCB 1221	U	0.0049	0.018	mg/kg		8082	05/26/09	1
PCB 1232	U	0.0072	0.018	mg/kg		8082	05/26/09	1
PCB 1242	U	0.0049	0.018	mg/kg		8082	05/26/09	1
PCB 1248	U	0.0027	0.018	mg/kg		8082	05/26/09	1
PCB 1254	U	0.0050	0.018	mg/kg		8082	05/26/09	1
PCB 1260	U	0.0028	0.018	mg/kg		8082	05/26/09	1
PCBs Surrogates								
Decachlorobiphenyl	61.8			% Rec.		8082	05/26/09	1
Tetrachloro-m-xylene	103.			% Rec.		8082	05/26/09	1

Results listed are dry weight basis.

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1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 29, 2009

Date Received : May 22, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-3D-GW
Collected By : CK
Collection Date : 05/21/09 08:40

ESC Sample # : L403980-08

Site ID :

Project # : 008.0339.00001

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Gasoline Range (C7-C10)	U	33.	100	ug/l		NWTPH-H	05/27/09	1
Mineral Spirits	U	33.	100	ug/l		NWTPH-H	05/27/09	1
Kerosene (C9-C16)	U	33.	100	ug/l		NWTPH-H	05/27/09	1
Diesel (C7-C26)	64.	33.	100	ug/l	J	NWTPH-H	05/27/09	1
#6 Fuel Oil (C10-C32)	U	33.	100	ug/l		NWTPH-H	05/27/09	1
Hydraulic Fluid (C12-C33)	U	33.	100	ug/l		NWTPH-H	05/27/09	1
Motor Oil (C16-C40)	U	160	500	ug/l		NWTPH-H	05/27/09	1
Surrogate recovery(%) o-Terphenyl	71.4			% Rec.		NWTPH-H	05/27/09	1

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June 29, 2009

Date Received : May 22, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-3D-GW
Collected By : CK
Collection Date : 05/21/09 08:40

ESC Sample # : L403980-09

Site ID :

Project # : 008.0339.00001

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Antimony	1.9	0.29	1.0	ug/l		6020	06/04/09	1
Antimony, Dissolved	0.41	0.29	1.0	ug/l	J	6020	06/03/09	1
Arsenic	53.	0.22	1.0	ug/l		6020	06/04/09	1
Arsenic, Dissolved	2.5	0.22	1.0	ug/l		6020	06/03/09	1
Thallium	U	0.22	1.0	ug/l		6020	06/04/09	1
Thallium, Dissolved	U	0.22	1.0	ug/l		6020	06/03/09	1
Mercury	U	0.057	0.20	ug/l		7470A	06/01/09	1
Mercury, Dissolved	U	0.044	0.20	ug/l		7470A	05/27/09	1
Beryllium	1.1	0.75	2.0	ug/l	J	6010B	06/02/09	1
Beryllium, Dissolved	U	0.75	2.0	ug/l		6010B	05/29/09	1
Cadmium	2.9	0.74	5.0	ug/l	J	6010B	06/02/09	1
Cadmium, Dissolved	U	0.74	5.0	ug/l		6010B	05/29/09	1
Chromium	43.	2.0	10.	ug/l		6010B	06/02/09	1
Chromium, Dissolved	6.8	2.0	10.	ug/l	J	6010B	05/29/09	1
Copper	77.	6.0	20.	ug/l		6010B	06/02/09	1
Copper, Dissolved	28.	6.0	20.	ug/l		6010B	05/29/09	1
Lead	25.	1.9	5.0	ug/l		6010B	06/02/09	1
Lead, Dissolved	U	1.9	5.0	ug/l		6010B	05/29/09	1
Nickel	56.	9.8	20.	ug/l		6010B	06/02/09	1
Nickel, Dissolved	30.	9.8	20.	ug/l		6010B	05/29/09	1
Selenium	17.	6.5	20.	ug/l	J	6010B	06/02/09	1
Selenium, Dissolved	U	6.5	20.	ug/l		6010B	05/29/09	1
Silver	U	3.2	10.	ug/l		6010B	06/02/09	1
Silver, Dissolved	U	3.2	10.	ug/l		6010B	05/29/09	1
Zinc	56.	8.8	30.	ug/l		6010B	06/02/09	1
Zinc, Dissolved	U	8.8	30.	ug/l		6010B	05/29/09	1
Volatile Organics								
Acetone	U	8.9	25.	ug/l		8260B	05/29/09	1
Benzene	U	0.29	0.50	ug/l		8260B	05/29/09	1
Bromochloromethane	U	0.44	0.50	ug/l		8260B	05/29/09	1
Bromodichloromethane	U	0.37	0.50	ug/l		8260B	05/29/09	1
Bromoform	U	0.51	0.50	ug/l		8260B	05/29/09	1
Bromomethane	U	0.89	0.50	ug/l		8260B	05/29/09	1
2-Butanone (MEK)	U	4.5	2.5	ug/l		8260B	05/29/09	1
Carbon disulfide	U	0.32	0.50	ug/l		8260B	05/29/09	1
Carbon tetrachloride	U	0.31	0.50	ug/l		8260B	05/29/09	1
Chlorobenzene	U	0.26	0.50	ug/l		8260B	05/29/09	1
Chloroethane	U	0.86	0.50	ug/l		8260B	05/29/09	1
Chloroform	U	0.33	0.50	ug/l		8260B	05/29/09	1
Chloromethane	U	0.25	0.50	ug/l		8260B	05/29/09	1

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REPORT OF ANALYSIS

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SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 29, 2009

Date Received : May 22, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-3D-GW
Collected By : CK
Collection Date : 05/21/09 08:40

ESC Sample # : L403980-09

Site ID :

Project # : 008.0339.00001

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
1,2-Dibromo-3-Chloropropane	U	0.48	1.0	ug/l		8260B	05/29/09	1
Chlorodibromomethane	U	0.42	0.50	ug/l		8260B	05/29/09	1
1,2-Dibromoethane	U	0.48	0.50	ug/l	J4J3	8260B	05/29/09	1
1,2-Dichlorobenzene	U	0.29	0.50	ug/l		8260B	05/29/09	1
1,3-Dichlorobenzene	U	0.19	0.50	ug/l		8260B	05/29/09	1
1,4-Dichlorobenzene	U	0.30	0.50	ug/l		8260B	05/29/09	1
Dichlorodifluoromethane	U	0.54	0.50	ug/l		8260B	05/29/09	1
1,1-Dichloroethane	U	0.31	0.50	ug/l		8260B	05/29/09	1
1,2-Dichloroethane	U	0.27	0.50	ug/l		8260B	05/29/09	1
1,1-Dichloroethene	U	0.50	0.50	ug/l		8260B	05/29/09	1
cis-1,2-Dichloroethene	U	0.38	0.50	ug/l		8260B	05/29/09	1
trans-1,2-Dichloroethene	U	0.30	0.50	ug/l		8260B	05/29/09	1
1,2-Dichloropropane	U	0.52	0.50	ug/l		8260B	05/29/09	1
cis-1,3-Dichloropropene	U	0.26	0.50	ug/l		8260B	05/29/09	1
trans-1,3-Dichloropropene	U	0.24	0.50	ug/l	J3	8260B	05/29/09	1
Ethylbenzene	U	0.22	0.50	ug/l		8260B	05/29/09	1
2-Hexanone	U	0.16	2.5	ug/l		8260B	05/29/09	1
Isopropylbenzene	U	0.19	0.50	ug/l		8260B	05/29/09	1
4-Methyl-2-pentanone (MIBK)	U	1.4	2.5	ug/l		8260B	05/29/09	1
Methyl tert-butyl ether	U	0.19	0.50	ug/l		8260B	05/29/09	1
Methylene Chloride	U	0.30	2.5	ug/l		8260B	05/29/09	1
Styrene	U	0.38	0.50	ug/l		8260B	05/29/09	1
1,1,2,2-Tetrachloroethane	U	0.22	0.50	ug/l		8260B	05/29/09	1
Tetrachloroethene	U	0.29	0.50	ug/l		8260B	05/29/09	1
Toluene	U	0.27	0.50	ug/l		8260B	05/29/09	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.22	0.50	ug/l		8260B	05/29/09	1
1,2,3-Trichlorobenzene	U	0.24	0.50	ug/l	J3	8260B	05/29/09	1
1,2,4-Trichlorobenzene	U	0.26	0.50	ug/l		8260B	05/29/09	1
1,1,1-Trichloroethane	U	0.27	0.50	ug/l		8260B	05/29/09	1
1,1,2-Trichloroethane	U	0.45	0.50	ug/l		8260B	05/29/09	1
Trichloroethene	U	0.37	0.50	ug/l		8260B	05/29/09	1
Trichlorofluoromethane	U	0.29	0.50	ug/l		8260B	05/29/09	1
Vinyl chloride	U	0.29	0.50	ug/l		8260B	05/29/09	1
Xylenes, Total	U	0.86	1.5	ug/l		8260B	05/29/09	1
Cyclohexane	U	0.30	1.0	ug/l	Q	8260B	06/22/09	1
1,4-Dioxane	U	33.	100	ug/l	Q	8260B	06/22/09	1
Methyl Acetate	U	6.6	20.	ug/l	Q	8260B	06/22/09	1
Methyl Cyclohexane	U	0.33	1.0	ug/l	Q	8260B	06/22/09	1
Surrogate Recovery								
Toluene-d8	96.5			% Rec.		8260B	05/29/09	1
Dibromofluoromethane	97.2			% Rec.		8260B	05/29/09	1
4-Bromofluorobenzene	99.2			% Rec.		8260B	05/29/09	1

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West Linn, OR 97068

June 29, 2009

Date Received : May 22, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-3D-GW
Collected By : CK
Collection Date : 05/21/09 08:40

ESC Sample # : L403980-09

Site ID :

Project # : 008.0339.00001

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Polynuclear Aromatic Hydrocarbons								
Anthracene	0.070	0.012	0.050	ug/l		8270C-S	05/26/09	1
Acenaphthene	0.15	0.013	0.050	ug/l		8270C-S	05/26/09	1
Acenaphthylene	0.032	0.017	0.050	ug/l	J	8270C-S	05/26/09	1
Benzo(a)anthracene	0.076	0.023	0.050	ug/l		8270C-S	05/26/09	1
Benzo(a)pyrene	0.045	0.013	0.050	ug/l	J	8270C-S	05/26/09	1
Benzo(b)fluoranthene	0.083	0.024	0.050	ug/l		8270C-S	05/26/09	1
Benzo(g,h,i)perylene	0.044	0.018	0.050	ug/l	J	8270C-S	05/26/09	1
Benzo(k)fluoranthene	0.026	0.020	0.050	ug/l	J	8270C-S	05/26/09	1
Chrysene	0.068	0.018	0.050	ug/l		8270C-S	05/26/09	1
Dibenz(a,h)anthracene	U	0.013	0.050	ug/l		8270C-S	05/26/09	1
Fluoranthene	0.26	0.020	0.050	ug/l		8270C-S	05/26/09	1
Fluorene	0.069	0.012	0.050	ug/l		8270C-S	05/26/09	1
Indeno(1,2,3-cd)pyrene	0.029	0.015	0.050	ug/l	J	8270C-S	05/26/09	1
Naphthalene	0.11	0.023	0.25	ug/l	J	8270C-S	05/26/09	1
Phenanthrene	0.21	0.018	0.050	ug/l		8270C-S	05/26/09	1
Pyrene	0.18	0.022	0.050	ug/l		8270C-S	05/26/09	1
1-Methylnaphthalene	0.058	0.014	0.25	ug/l	J	8270C-S	05/26/09	1
2-Methylnaphthalene	0.064	0.014	0.25	ug/l	J	8270C-S	05/26/09	1
2-Chloronaphthalene	U	0.014	0.25	ug/l		8270C-S	05/26/09	1
Surrogate Recovery								
Nitrobenzene-d5	66.2			% Rec.		8270C-S	05/26/09	1
2-Fluorobiphenyl	73.2			% Rec.		8270C-S	05/26/09	1
p-Terphenyl-d14	74.7			% Rec.		8270C-S	05/26/09	1

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1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 29, 2009

Date Received : May 22, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-5A-9FT
Collected By : CK
Collection Date : 05/21/09 09:45

ESC Sample # : L403980-10

Site ID :

Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
Total Solids	87.3			%		2540G	05/27/09	1
Mercury	0.0058	0.0025	0.023	mg/kg	J	7471	05/25/09	1
Antimony	U	0.52	1.1	mg/kg		6010B	05/31/09	1
Arsenic	U	0.54	2.3	mg/kg	O	6010B	05/31/09	2
Beryllium	0.73	0.038	0.11	mg/kg		6010B	05/31/09	1
Cadmium	U	0.037	0.29	mg/kg		6010B	05/31/09	1
Chromium	32.	0.098	0.57	mg/kg		6010B	05/31/09	1
Copper	7.2	0.30	1.1	mg/kg		6010B	05/31/09	1
Lead	1.1	0.096	0.29	mg/kg	P1	6010B	06/03/09	1
Nickel	78.	0.49	1.1	mg/kg		6010B	05/31/09	1
Selenium	U	0.65	2.3	mg/kg	O	6010B	05/31/09	2
Silver	U	0.16	0.57	mg/kg		6010B	05/31/09	1
Thallium	U	3.0	11.	mg/kg	O	6010B	05/31/09	10
Zinc	31.	0.44	1.7	mg/kg		6010B	05/31/09	1
Volatile Organics								
Acetone	U	0.085	0.29	mg/kg		8260B	05/26/09	5
Benzene	U	0.0016	0.0057	mg/kg		8260B	05/26/09	5
Bromochloromethane	U	0.0022	0.0057	mg/kg		8260B	05/26/09	5
Bromodichloromethane	U	0.0019	0.0057	mg/kg		8260B	05/26/09	5
Bromoform	U	0.0029	0.0057	mg/kg		8260B	05/26/09	5
Bromomethane	U	0.0064	0.029	mg/kg		8260B	05/26/09	5
2-Butanone (MEK)	U	0.013	0.057	mg/kg		8260B	05/26/09	5
Carbon disulfide	U	0.0017	0.0057	mg/kg		8260B	05/26/09	5
Carbon tetrachloride	U	0.0016	0.0057	mg/kg		8260B	05/26/09	5
Chlorobenzene	U	0.0012	0.0057	mg/kg		8260B	05/26/09	5
Chloroethane	U	0.0029	0.029	mg/kg		8260B	05/26/09	5
Chloroform	U	0.0020	0.029	mg/kg		8260B	05/26/09	5
Chloromethane	U	0.0028	0.0057	mg/kg		8260B	05/26/09	5
1,2-Dibromo-3-Chloropropane	U	0.0058	0.029	mg/kg		8260B	05/26/09	5
Chlorodibromomethane	U	0.0012	0.0057	mg/kg		8260B	05/26/09	5
1,2-Dibromoethane	U	0.0016	0.0057	mg/kg		8260B	05/26/09	5
1,2-Dichlorobenzene	U	0.0012	0.0057	mg/kg		8260B	05/26/09	5
1,3-Dichlorobenzene	U	0.0019	0.0057	mg/kg		8260B	05/26/09	5
1,4-Dichlorobenzene	U	0.0011	0.0057	mg/kg		8260B	05/26/09	5
Dichlorodifluoromethane	U	0.0016	0.029	mg/kg		8260B	05/26/09	5
1,1-Dichloroethane	U	0.0013	0.0057	mg/kg		8260B	05/26/09	5
1,2-Dichloroethane	U	0.0026	0.0057	mg/kg		8260B	05/26/09	5
1,1-Dichloroethene	U	0.0037	0.0057	mg/kg		8260B	05/26/09	5
cis-1,2-Dichloroethene	U	0.0036	0.0057	mg/kg		8260B	05/26/09	5
trans-1,2-Dichloroethene	U	0.0034	0.0057	mg/kg		8260B	05/26/09	5

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Est. 1970

REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 29, 2009

Date Received : May 22, 2009
Description : Bay Wood Project - Everett, WA

ESC Sample # : L403980-10

Sample ID : PB-5A-9FT

Site ID :

Collected By : CK
Collection Date : 05/21/09 09:45

Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
1,2-Dichloropropane	U	0.0038	0.0057	mg/kg		8260B	05/26/09	5
cis-1,3-Dichloropropene	U	0.0013	0.0057	mg/kg		8260B	05/26/09	5
trans-1,3-Dichloropropene	U	0.0018	0.0057	mg/kg		8260B	05/26/09	5
Ethylbenzene	U	0.0011	0.0057	mg/kg		8260B	05/26/09	5
2-Hexanone	U	0.0018	0.0057	mg/kg		8260B	05/26/09	5
Isopropylbenzene	U	0.0010	0.0057	mg/kg		8260B	05/26/09	5
4-Methyl-2-pentanone (MIBK)	U	0.0070	0.057	mg/kg		8260B	05/26/09	5
Methyl tert-butyl ether	U	0.0014	0.0057	mg/kg		8260B	05/26/09	5
Methylene Chloride	U	0.0030	0.029	mg/kg		8260B	05/26/09	5
Styrene	U	0.0010	0.0057	mg/kg		8260B	05/26/09	5
1,1,2,2-Tetrachloroethane	U	0.0016	0.0057	mg/kg		8260B	05/26/09	5
Tetrachloroethene	U	0.0012	0.0057	mg/kg		8260B	05/26/09	5
Toluene	U	0.0061	0.029	mg/kg		8260B	05/26/09	5
1,1,2-Trichloro-1,2,2-trifluoro	U	0.0012	0.0057	mg/kg		8260B	05/26/09	5
1,2,3-Trichlorobenzene	U	0.0012	0.0057	mg/kg		8260B	05/26/09	5
1,2,4-Trichlorobenzene	U	0.0012	0.0057	mg/kg		8260B	05/26/09	5
1,1,1-Trichloroethane	U	0.0026	0.0057	mg/kg		8260B	05/26/09	5
1,1,2-Trichloroethane	U	0.0023	0.0057	mg/kg		8260B	05/26/09	5
Trichloroethene	U	0.0017	0.0057	mg/kg		8260B	05/26/09	5
Trichlorofluoromethane	U	0.0014	0.029	mg/kg		8260B	05/26/09	5
Vinyl chloride	U	0.0014	0.0057	mg/kg		8260B	05/26/09	5
Xylenes, Total	U	0.0023	0.017	mg/kg		8260B	05/26/09	5
Cyclohexane	U	0.00033	0.0011	mg/kg	Q	8260B	06/20/09	1
1,4-Dioxane	U	0.033	0.11	mg/kg	Q	8260B	06/20/09	1
Methyl Acetate	U	0.0066	0.023	mg/kg	Q	8260B	06/20/09	1
Methyl Cyclohexane	U	0.00033	0.0011	mg/kg	Q	8260B	06/20/09	1
Surrogate Recovery								
Toluene-d8	103.			% Rec.		8260B	05/26/09	5
Dibromofluoromethane	87.7			% Rec.		8260B	05/26/09	5
4-Bromofluorobenzene	107.			% Rec.		8260B	05/26/09	5
Diesel Range Organics (DRO)	76.	1.3	4.6	mg/kg		NWTPHDX	06/05/09	1
Residual Range Organics (RRO)	620	16.	57.	mg/kg		NWTPHDX	06/05/09	5
Surrogate Recovery								
o-Terphenyl	54.0			% Rec.		NWTPHDX	06/05/09	5
Gasoline Range (C7-C10)	U	1.3	4.6	mg/kg		NWTPH-HC	05/28/09	1
Mineral Spirits	U	1.3	4.6	mg/kg		NWTPH-HC	05/28/09	1
Kerosene (C9-C16)	U	1.3	4.6	mg/kg		NWTPH-HC	05/28/09	1
Diesel (C7-C26)	19.	1.3	4.6	mg/kg		NWTPH-HC	05/28/09	1
#6 Fuel Oil (C10-C32)	U	1.3	4.6	mg/kg		NWTPH-HC	05/28/09	1
Hydraulic Fluid (C12-C33)	U	1.3	4.6	mg/kg		NWTPH-HC	05/28/09	1
Motor Oil (C16-C40)	550	16.	57.	mg/kg		NWTPH-HC	05/28/09	5

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REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 29, 2009

Date Received : May 22, 2009
Description : Bay Wood Project - Everett, WA

ESC Sample # : L403980-10

Sample ID : PB-5A-9FT

Site ID :

Collected By : CK
Collection Date : 05/21/09 09:45

Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
Surrogate recovery(%)								
o-Terphenyl	68.2			% Rec.		NWTPH-HC	05/28/09	1
Base/Neutral Extractables								
Acenaphthylene	U	0.028	0.038	mg/kg		8270C	05/27/09	1
Acetophenone	U	0.011	0.038	mg/kg		8270C	05/27/09	1
Atrazine	U	0.11	0.38	mg/kg		8270C	05/27/09	1
Benzaldehyde	U	0.11	0.38	mg/kg		8270C	05/27/09	1
Biphenyl	U	0.11	0.38	mg/kg		8270C	05/27/09	1
Bis(2-chlorethoxy)methane	U	0.032	0.38	mg/kg		8270C	05/27/09	1
Bis(2-chloroethyl)ether	U	0.028	0.38	mg/kg		8270C	05/27/09	1
Bis(2-chloroisopropyl)ether	U	0.033	0.38	mg/kg		8270C	05/27/09	1
4-Bromophenyl-phenylether	U	0.022	0.38	mg/kg		8270C	05/27/09	1
2-Chloronaphthalene	U	0.026	0.38	mg/kg		8270C	05/27/09	1
4-Chlorophenyl-phenylether	U	0.025	0.38	mg/kg		8270C	05/27/09	1
3,3-Dichlorobenzidine	U	0.031	0.38	mg/kg		8270C	05/27/09	1
2,4-Dinitrotoluene	U	0.025	0.38	mg/kg		8270C	05/27/09	1
2,6-Dinitrotoluene	U	0.023	0.38	mg/kg		8270C	05/27/09	1
Hexachlorobenzene	U	0.025	0.38	mg/kg		8270C	05/27/09	1
Hexachloro-1,3-butadiene	U	0.032	0.38	mg/kg		8270C	05/27/09	1
Hexachlorocyclopentadiene	U	0.035	0.38	mg/kg		8270C	05/27/09	1
Hexachloroethane	U	0.033	0.38	mg/kg		8270C	05/27/09	1
Isophorone	U	0.038	0.38	mg/kg		8270C	05/27/09	1
2-Methylnaphthalene	U	0.026	0.38	mg/kg		8270C	05/27/09	1
2-Methylphenol	U	0.033	0.38	mg/kg		8270C	05/27/09	1
3&4-Methyl Phenol	U	0.033	0.38	mg/kg		8270C	05/27/09	1
2-Nitroaniline	U	0.021	0.38	mg/kg		8270C	05/27/09	1
3-Nitroaniline	U	0.065	0.38	mg/kg		8270C	05/27/09	1
4-Nitroaniline	U	0.038	0.38	mg/kg		8270C	05/27/09	1
Nitrobenzene	U	0.028	0.38	mg/kg		8270C	05/27/09	1
n-Nitrosodiphenylamine	U	0.034	0.38	mg/kg		8270C	05/27/09	1
n-Nitrosodi-n-propylamine	U	0.033	0.38	mg/kg		8270C	05/27/09	1
Benzylbutyl phthalate	U	0.038	0.38	mg/kg		8270C	05/27/09	1
Caprolactam	U	0.11	0.38	mg/kg		8270C	05/27/09	1
Carbazole	U	0.029	0.38	mg/kg		8270C	05/27/09	1
Bis(2-ethylhexyl)phthalate	U	0.060	0.38	mg/kg		8270C	05/27/09	1
4-Chloroaniline	U	0.036	0.38	mg/kg		8270C	05/27/09	1
Di-n-butyl phthalate	U	0.027	0.38	mg/kg		8270C	05/27/09	1
Dibenzofuran	U	0.022	0.38	mg/kg		8270C	05/27/09	1
Diethyl phthalate	U	0.040	0.38	mg/kg		8270C	05/27/09	1
Dimethyl phthalate	U	0.026	0.38	mg/kg		8270C	05/27/09	1
Di-n-octyl phthalate	U	0.036	0.38	mg/kg		8270C	05/27/09	1
Acid Extractables								

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REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 29, 2009

Date Received : May 22, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-5A-9FT
Collected By : CK
Collection Date : 05/21/09 09:45

ESC Sample # : L403980-10

Site ID :

Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
4-Chloro-3-methylphenol	U	0.034	0.38	mg/kg		8270C	05/27/09	1
2-Chlorophenol	U	0.031	0.38	mg/kg		8270C	05/27/09	1
2,4-Dichlorophenol	U	0.024	0.38	mg/kg		8270C	05/27/09	1
2,4-Dimethylphenol	U	0.038	0.38	mg/kg	J4	8270C	05/27/09	1
4,6-Dinitro-2-methylphenol	U	0.040	0.38	mg/kg		8270C	05/27/09	1
2,4-Dinitrophenol	U	0.041	0.38	mg/kg		8270C	05/27/09	1
2-Nitrophenol	U	0.027	0.38	mg/kg		8270C	05/27/09	1
4-Nitrophenol	U	0.027	0.38	mg/kg		8270C	05/27/09	1
Pentachlorophenol	U	0.031	0.38	mg/kg		8270C	05/27/09	1
Phenol	U	0.029	0.38	mg/kg		8270C	05/27/09	1
1,2,4,5-Tetrachlorobenzene	U	0.016	0.057	mg/kg		8270C	05/27/09	1
2,4,5-Trichlorophenol	U	0.030	0.38	mg/kg		8270C	05/27/09	1
2,4,6-Trichlorophenol	U	0.028	0.38	mg/kg		8270C	05/27/09	1
2,3,4,6-Tetrachlorophenol	U	0.016	0.057	mg/kg	Q	8270C	06/25/09	1
Benzo(a)anthracene	U	0.032	0.38	mg/kg		8270C	05/27/09	1
Benzo(a)pyrene	U	0.027	0.38	mg/kg		8270C	05/27/09	1
Benzo(b)fluoranthene	U	0.030	0.38	mg/kg		8270C	05/27/09	1
Benzo(k)fluoranthene	U	0.031	0.38	mg/kg		8270C	05/27/09	1
Chrysene	U	0.035	0.38	mg/kg		8270C	05/27/09	1
Dibenz(a,h)anthracene	U	0.028	0.38	mg/kg		8270C	05/27/09	1
Indeno(1,2,3-cd)pyrene	U	0.029	0.38	mg/kg		8270C	05/27/09	1
Acenaphthene	U	0.024	0.38	mg/kg		8270C	05/27/09	1
Anthracene	U	0.023	0.38	mg/kg		8270C	05/27/09	1
Benzo(g,h,i)perylene	U	0.029	0.38	mg/kg		8270C	05/27/09	1
Fluoranthene	U	0.024	0.38	mg/kg		8270C	05/27/09	1
Fluorene	U	0.023	0.38	mg/kg		8270C	05/27/09	1
Naphthalene	U	0.026	0.38	mg/kg		8270C	05/27/09	1
Phenanthrene	U	0.025	0.38	mg/kg		8270C	05/27/09	1
Pyrene	U	0.036	0.38	mg/kg		8270C	05/27/09	1
Surrogate Recovery								
Nitrobenzene-d5	67.2			% Rec.		8270C	05/27/09	1
Nitrobenzene-d5	62.7			% Rec.		8270C	05/27/09	1
2-Fluorobiphenyl	61.4			% Rec.		8270C	05/27/09	1
2-Fluorobiphenyl	79.8			% Rec.		8270C	05/27/09	1
p-Terphenyl-d14	64.5			% Rec.		8270C	05/27/09	1
p-Terphenyl-d14	75.9			% Rec.		8270C	05/27/09	1
Phenol-d5	67.5			% Rec.		8270C	05/27/09	1
Phenol-d5	68.4			% Rec.		8270C	05/27/09	1
2-Fluorophenol	69.6			% Rec.		8270C	05/27/09	1
2-Fluorophenol	69.7			% Rec.		8270C	05/27/09	1
2,4,6-Tribromophenol	74.8			% Rec.		8270C	05/27/09	1
2,4,6-Tribromophenol	91.7			% Rec.		8270C	05/27/09	1

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REPORT OF ANALYSIS

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SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 29, 2009

Date Received : May 22, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-5A-GW
Collected By : CK
Collection Date : 05/21/09 09:00

ESC Sample # : L403980-11

Site ID :

Project # : 008.0339.00001

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Gasoline Range (C7-C10)	U	33.	100	ug/l		NWTPH-H	05/27/09	1
Mineral Spirits	U	33.	100	ug/l		NWTPH-H	05/27/09	1
Kerosene (C9-C16)	U	33.	100	ug/l		NWTPH-H	05/27/09	1
Diesel (C7-C26)	740	33.	100	ug/l		NWTPH-H	05/27/09	1
#6 Fuel Oil (C10-C32)	U	33.	100	ug/l		NWTPH-H	05/27/09	1
Hydraulic Fluid (C12-C33)	U	33.	100	ug/l		NWTPH-H	05/27/09	1
Motor Oil (C16-C40)	990	160	500	ug/l		NWTPH-H	05/27/09	1
Surrogate recovery(%) o-Terphenyl	75.7			% Rec.		NWTPH-H	05/27/09	1

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MDL = Minimum Detection Limit = LOD = SQL(TRRP)

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June 29, 2009

Date Received : May 22, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-5A-GW
Collected By : CK
Collection Date : 05/21/09 09:00

ESC Sample # : L403980-12

Site ID :

Project # : 008.0339.00001

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Volatile Organics								
Acetone	U	8.9	25.	ug/l		8260B	05/29/09	1
Benzene	U	0.29	0.50	ug/l		8260B	05/29/09	1
Bromochloromethane	U	0.44	0.50	ug/l		8260B	05/29/09	1
Bromodichloromethane	U	0.37	0.50	ug/l		8260B	05/29/09	1
Bromoform	U	0.51	0.50	ug/l		8260B	05/29/09	1
Bromomethane	U	0.89	0.50	ug/l		8260B	05/29/09	1
2-Butanone (MEK)	U	4.5	2.5	ug/l		8260B	05/29/09	1
Carbon disulfide	U	0.32	0.50	ug/l		8260B	05/29/09	1
Carbon tetrachloride	U	0.31	0.50	ug/l		8260B	05/29/09	1
Chlorobenzene	U	0.26	0.50	ug/l		8260B	05/29/09	1
Chloroethane	U	0.86	0.50	ug/l		8260B	05/29/09	1
Chloroform	U	0.33	0.50	ug/l		8260B	05/29/09	1
Chloromethane	U	0.25	0.50	ug/l		8260B	05/29/09	1
1,2-Dibromo-3-Chloropropane	U	0.48	1.0	ug/l		8260B	05/29/09	1
Chlorodibromomethane	U	0.42	0.50	ug/l		8260B	05/29/09	1
1,2-Dibromoethane	U	0.48	0.50	ug/l	J4J3	8260B	05/29/09	1
1,2-Dichlorobenzene	U	0.29	0.50	ug/l		8260B	05/29/09	1
1,3-Dichlorobenzene	U	0.19	0.50	ug/l		8260B	05/29/09	1
1,4-Dichlorobenzene	U	0.30	0.50	ug/l		8260B	05/29/09	1
Dichlorodifluoromethane	U	0.54	0.50	ug/l		8260B	05/29/09	1
1,1-Dichloroethane	U	0.31	0.50	ug/l		8260B	05/29/09	1
1,2-Dichloroethane	U	0.27	0.50	ug/l		8260B	05/29/09	1
1,1-Dichloroethene	U	0.50	0.50	ug/l		8260B	05/29/09	1
cis-1,2-Dichloroethene	U	0.38	0.50	ug/l		8260B	05/29/09	1
trans-1,2-Dichloroethene	U	0.30	0.50	ug/l		8260B	05/29/09	1
1,2-Dichloropropane	U	0.52	0.50	ug/l		8260B	05/29/09	1
cis-1,3-Dichloropropene	U	0.26	0.50	ug/l		8260B	05/29/09	1
trans-1,3-Dichloropropene	U	0.24	0.50	ug/l	J3	8260B	05/29/09	1
Ethylbenzene	U	0.22	0.50	ug/l		8260B	05/29/09	1
2-Hexanone	U	0.16	2.5	ug/l		8260B	05/29/09	1
Isopropylbenzene	U	0.19	0.50	ug/l		8260B	05/29/09	1
4-Methyl-2-pentanone (MIBK)	U	1.4	2.5	ug/l		8260B	05/29/09	1
Methyl tert-butyl ether	U	0.19	0.50	ug/l		8260B	05/29/09	1
Methylene Chloride	U	0.30	2.5	ug/l		8260B	05/29/09	1
Styrene	U	0.38	0.50	ug/l		8260B	05/29/09	1
1,1,2,2-Tetrachloroethane	U	0.22	0.50	ug/l		8260B	05/29/09	1
Tetrachloroethene	U	0.29	0.50	ug/l		8260B	05/29/09	1
Toluene	U	0.27	0.50	ug/l		8260B	05/29/09	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.22	0.50	ug/l		8260B	05/29/09	1
1,2,3-Trichlorobenzene	U	0.24	0.50	ug/l	J3	8260B	05/29/09	1
1,2,4-Trichlorobenzene	U	0.26	0.50	ug/l		8260B	05/29/09	1
1,1,1-Trichloroethane	U	0.27	0.50	ug/l		8260B	05/29/09	1

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Est. 1970

REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 29, 2009

Date Received : May 22, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-5A-GW
Collected By : CK
Collection Date : 05/21/09 09:00

ESC Sample # : L403980-12

Site ID :

Project # : 008.0339.00001

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
1,1,2-Trichloroethane	U	0.45	0.50	ug/l		8260B	05/29/09	1
Trichloroethene	U	0.37	0.50	ug/l		8260B	05/29/09	1
Trichlorofluoromethane	U	0.29	0.50	ug/l		8260B	05/29/09	1
Vinyl chloride	U	0.29	0.50	ug/l		8260B	05/29/09	1
Xylenes, Total	U	0.86	1.5	ug/l		8260B	05/29/09	1
Cyclohexane	U	0.30	1.0	ug/l	Q	8260B	06/22/09	1
1,4-Dioxane	U	33.	100	ug/l	Q	8260B	06/22/09	1
Methyl Acetate	U	6.6	20.	ug/l	Q	8260B	06/22/09	1
Methyl Cyclohexane	U	0.33	1.0	ug/l	Q	8260B	06/22/09	1
Surrogate Recovery								
Toluene-d8	95.6			% Rec.		8260B	05/29/09	1
Dibromofluoromethane	94.0			% Rec.		8260B	05/29/09	1
4-Bromofluorobenzene	96.8			% Rec.		8260B	05/29/09	1
Diesel Range Organics (DRO)	400	33.	100	ug/l		NWTPHDX	05/28/09	1
Residual Range Organics (RRO)	360	82.	250	ug/l		NWTPHDX	05/28/09	1
Surrogate Recovery								
o-Terphenyl	83.5			% Rec.		NWTPHDX	05/28/09	1
Base/Neutral Extractables								
Acenaphthylene	U	0.33	1.0	ug/l		8270C	05/28/09	1
Acetophenone	U	16.	50.	ug/l		8270C	05/28/09	1
Atrazine	U	3.3	10.	ug/l		8270C	05/28/09	1
Benzaldehyde	U	3.3	10.	ug/l		8270C	05/28/09	1
Biphenyl	U	3.3	10.	ug/l		8270C	05/28/09	1
Bis(2-chlorethoxy)methane	U	3.3	10.	ug/l		8270C	05/28/09	1
Bis(2-chloroethyl)ether	U	3.3	10.	ug/l		8270C	05/28/09	1
Bis(2-chloroisopropyl)ether	U	3.3	10.	ug/l		8270C	05/28/09	1
4-Bromophenyl-phenylether	U	3.3	10.	ug/l		8270C	05/28/09	1
2-Chloronaphthalene	U	3.3	10.	ug/l		8270C	05/28/09	1
4-Chlorophenyl-phenylether	U	3.3	10.	ug/l		8270C	05/28/09	1
3,3-Dichlorobenzidine	U	3.3	10.	ug/l		8270C	05/28/09	1
2,4-Dinitrotoluene	U	3.3	10.	ug/l		8270C	05/28/09	1
2,6-Dinitrotoluene	U	3.3	10.	ug/l		8270C	05/28/09	1
Hexachlorobenzene	U	3.3	10.	ug/l		8270C	05/28/09	1
Hexachloro-1,3-butadiene	U	3.3	10.	ug/l		8270C	05/28/09	1
Hexachlorocyclopentadiene	U	3.3	10.	ug/l		8270C	05/28/09	1
Hexachloroethane	U	3.3	10.	ug/l		8270C	05/28/09	1
Isophorone	U	3.3	10.	ug/l		8270C	05/28/09	1
2-Methylnaphthalene	U	3.3	10.	ug/l		8270C	05/28/09	1
2-Methylphenol	U	1.3	10.	ug/l		8270C	05/28/09	1
3&4-methyl phenol	U	1.1	10.	ug/l		8270C	05/28/09	1
2-Nitroaniline	U	1.5	10.	ug/l		8270C	05/28/09	1

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June 29, 2009

Date Received : May 22, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-5A-GW
Collected By : CK
Collection Date : 05/21/09 09:00

ESC Sample # : L403980-12

Site ID :

Project # : 008.0339.00001

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
3-Nitroaniline	U	1.2	10.	ug/l		8270C	05/28/09	1
4-Nitroaniline	U	1.6	10.	ug/l		8270C	05/28/09	1
Nitrobenzene	U	3.3	10.	ug/l		8270C	05/28/09	1
n-Nitrosodiphenylamine	U	3.3	10.	ug/l		8270C	05/28/09	1
n-Nitrosodi-n-propylamine	U	3.3	10.	ug/l		8270C	05/28/09	1
Benzylbutyl phthalate	U	3.3	10.	ug/l		8270C	05/28/09	1
Caprolactam	U	3.3	10.	ug/l		8270C	05/28/09	1
Carbazole	U	0.95	10.	ug/l		8270C	05/28/09	1
Bis(2-ethylhexyl)phthalate	U	2.0	6.0	ug/l		8270C	05/28/09	1
4-Chloroaniline	U	2.6	10.	ug/l		8270C	05/28/09	1
Di-n-butyl phthalate	U	3.3	10.	ug/l		8270C	05/28/09	1
Dibenzofuran	U	1.5	10.	ug/l		8270C	05/28/09	1
Diethyl phthalate	U	3.3	10.	ug/l		8270C	05/28/09	1
Dimethyl phthalate	U	3.3	10.	ug/l	J3	8270C	05/28/09	1
Di-n-octyl phthalate	U	3.3	10.	ug/l		8270C	05/28/09	1
Acid Extractables								
4-Chloro-3-methylphenol	U	1.8	10.	ug/l		8270C	05/28/09	1
2-Chlorophenol	U	1.3	10.	ug/l		8270C	05/28/09	1
2,4-Dichlorophenol	U	2.0	10.	ug/l		8270C	05/28/09	1
2,4-Dimethylphenol	U	2.1	10.	ug/l		8270C	05/28/09	1
4,6-Dinitro-2-methylphenol	U	2.2	10.	ug/l		8270C	05/28/09	1
2,4-Dinitrophenol	U	1.2	10.	ug/l		8270C	05/28/09	1
2-Nitrophenol	U	2.1	10.	ug/l		8270C	05/28/09	1
4-Nitrophenol	U	0.76	10.	ug/l		8270C	05/28/09	1
Phenol	U	0.59	10.	ug/l		8270C	05/28/09	1
Pentachlorophenol	U	0.33	1.0	ug/l		8270C	05/28/09	1
1,2,4,5-Tetrachlorobenzene	U	16.	50.	ug/l		8270C	05/28/09	1
2,4,5-Trichlorophenol	U	1.7	50.	ug/l		8270C	05/28/09	1
2,4,6-Trichlorophenol	U	2.0	10.	ug/l		8270C	05/28/09	1
Benzo(a)anthracene	U	0.33	1.0	ug/l		8270C	05/28/09	1
Benzo(a)pyrene	U	0.33	1.0	ug/l		8270C	05/28/09	1
Benzo(b)fluoranthene	U	0.33	1.0	ug/l		8270C	05/28/09	1
Benzo(k)fluoranthene	U	0.33	1.0	ug/l		8270C	05/28/09	1
Chrysene	U	0.33	1.0	ug/l		8270C	05/28/09	1
Dibenz(a,h)anthracene	U	0.33	1.0	ug/l		8270C	05/28/09	1
Indeno(1,2,3-cd)pyrene	U	0.33	1.0	ug/l		8270C	05/28/09	1
Acenaphthene	U	0.33	1.0	ug/l		8270C	05/28/09	1
Anthracene	U	0.33	1.0	ug/l		8270C	05/28/09	1
Benzo(g,h,i)perylene	U	0.33	1.0	ug/l		8270C	05/28/09	1
Fluoranthene	U	0.33	1.0	ug/l		8270C	05/28/09	1
Fluorene	U	0.33	1.0	ug/l		8270C	05/28/09	1
Naphthalene	U	1.6	5.0	ug/l		8270C	05/28/09	1
Phenanthrene	U	0.33	1.0	ug/l		8270C	05/28/09	1

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June 29, 2009

Date Received : May 22, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-5A-GW
Collected By : CK
Collection Date : 05/21/09 09:00

ESC Sample # : L403980-12

Site ID :

Project # : 008.0339.00001

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Pyrene	U	0.33	1.0	ug/l		8270C	05/28/09	1
Surrogate Recovery								
2-Fluorophenol	42.2			% Rec.		8270C	05/28/09	1
Phenol-d5	25.6			% Rec.		8270C	05/28/09	1
Nitrobenzene-d5	34.5			% Rec.		8270C	05/28/09	1
2-Fluorobiphenyl	75.5			% Rec.		8270C	05/28/09	1
2,4,6-Tribromophenol	84.4			% Rec.		8270C	05/28/09	1
p-Terphenyl-d14	72.2			% Rec.		8270C	05/28/09	1
Base/Neutral Extractables								
Acid Extractables								
2,3,4,6-Tetrachlorophenol	U	16.	50.	ug/l		8270C	06/16/09	1
Surrogate Recovery								

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Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L403980-01	WG423787	SAMP	Acetone	R759206	J
	WG423787	SAMP	2-Butanone (MEK)	R759206	J
	WG427442	SAMP	Cyclohexane	R788346	Q
	WG427442	SAMP	1,4-Dioxane	R788346	Q
	WG427442	SAMP	Methyl Acetate	R788346	Q
	WG427442	SAMP	Methyl Cyclohexane	R788346	Q
	WG423454	SAMP	Thallium	R763886	O
	WG424943	SAMP	o-Terphenyl	R771826	J7
	WG423440	SAMP	Anthracene	R755726	J
	WG423440	SAMP	Benzo(a)anthracene	R755726	J
	WG423440	SAMP	Benzo(b)fluoranthene	R755726	J
	WG423440	SAMP	Benzo(k)fluoranthene	R755726	J
	WG423440	SAMP	Chrysene	R755726	J
	WG423440	SAMP	Dibenz(a,h)anthracene	R755726	J
	WG423440	SAMP	Fluoranthene	R755726	J
	WG423440	SAMP	Fluorene	R755726	J
	WG423440	SAMP	Indeno(1,2,3-cd)pyrene	R755726	J
	WG423440	SAMP	Naphthalene	R755726	J
	WG423440	SAMP	Pyrene	R755726	J
	WG423440	SAMP	p-Terphenyl-d14	R755726	J7
	L403980-03	WG423629	SAMP	1,2-Dibromoethane	R759806
WG423629		SAMP	trans-1,3-Dichloropropene	R759806	J3
WG423629		SAMP	1,2,3-Trichlorobenzene	R759806	J3
WG427744		SAMP	Cyclohexane	R789452	Q
WG427744		SAMP	1,4-Dioxane	R789452	Q
WG427744		SAMP	Methyl Acetate	R789452	Q
WG427744		SAMP	Methyl Cyclohexane	R789452	Q
WG426483		SAMP	Beryllium,Dissolved	R782806	J
WG426483		SAMP	Silver,Dissolved	R782806	J
WG426484		SAMP	Antimony,Dissolved	R783346	J
WG426269		SAMP	Thallium	R782827	J
WG423294		SAMP	Fluoranthene	R755687	J
WG423294		SAMP	Fluorene	R755687	J
WG423294		SAMP	Naphthalene	R755687	J
WG423294		SAMP	Phenanthrene	R755687	J
WG423294	SAMP	1-Methylnaphthalene	R755687	J	
WG423294	SAMP	2-Methylnaphthalene	R755687	J	
L403980-04	WG423454	SAMP	Selenium	R763886	O
	WG423454	SAMP	Thallium	R763886	O
	WG423109	SAMP	Mercury	R752950	J
	WG424943	SAMP	o-Terphenyl	R771826	J7
	WG423440	SAMP	Anthracene	R755726	J6
	WG423440	SAMP	Acenaphthene	R755726	J6
	WG423440	SAMP	Acenaphthylene	R755726	J6
	WG423440	SAMP	Benzo(a)anthracene	R755726	JJ6
	WG423440	SAMP	Benzo(a)pyrene	R755726	JJ6
	WG423440	SAMP	Benzo(b)fluoranthene	R755726	JJ6
	WG423440	SAMP	Benzo(g,h,i)perylene	R755726	JJ6J3
	WG423440	SAMP	Benzo(k)fluoranthene	R755726	JJ6
	WG423440	SAMP	Chrysene	R755726	JJ6
	WG423440	SAMP	Dibenz(a,h)anthracene	R755726	J6
	WG423440	SAMP	Fluoranthene	R755726	JJ6
	WG423440	SAMP	Fluorene	R755726	J6
	WG423440	SAMP	Indeno(1,2,3-cd)pyrene	R755726	J6
	WG423440	SAMP	Naphthalene	R755726	JJ6
	WG423440	SAMP	Phenanthrene	R755726	JJ6
	WG423440	SAMP	Pyrene	R755726	JJ6
	WG423440	SAMP	2-Methylnaphthalene	R755726	J
WG423440	SAMP	2-Chloronaphthalene	R755726	J6	
L403980-06	WG423629	SAMP	Acetone	R759806	J
	WG423629	SAMP	1,2-Dibromoethane	R759806	J4J3
	WG423629	SAMP	trans-1,3-Dichloropropene	R759806	J3
	WG423629	SAMP	1,2,3-Trichlorobenzene	R759806	J3
	WG427744	SAMP	Cyclohexane	R789452	Q
	WG427744	SAMP	1,4-Dioxane	R789452	Q
	WG427744	SAMP	Methyl Acetate	R789452	Q
	WG427744	SAMP	Methyl Cyclohexane	R789452	Q
	WG424232	SAMP	Cadmium	R766446	J
	WG423363	SAMP	Cadmium,Dissolved	R763047	J

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
	WG423363	SAMP	Nickel, Dissolved	R763047	J
	WG423363	SAMP	Zinc, Dissolved	R763047	J
	WG424398	SAMP	Antimony	R775766	J
	WG423775	SAMP	Arsenic, Dissolved	R770926	J
	WG423294	SAMP	Acenaphthene	R755687	J
	WG423294	SAMP	Fluoranthene	R755687	J
	WG423294	SAMP	Fluorene	R755687	J
	WG423294	SAMP	Phenanthrene	R755687	J
L403980-07	WG423454	SAMP	Selenium	R763886	O
	WG423454	SAMP	Thallium	R763886	O
	WG424943	SAMP	Diesel Range Organics (DRO)	R771826	J
	WG423440	SAMP	Benzo(a)pyrene	R755726	J
	WG423440	SAMP	Benzo(b)fluoranthene	R755726	J
	WG423440	SAMP	Benzo(g,h,i)perylene	R755726	J
	WG423440	SAMP	Chrysene	R755726	J
	WG423440	SAMP	Fluoranthene	R755726	J
	WG423440	SAMP	Indeno(1,2,3-cd)pyrene	R755726	J
	WG423440	SAMP	Naphthalene	R755726	J
	WG423440	SAMP	Phenanthrene	R755726	J
	WG423440	SAMP	Pyrene	R755726	J
L403980-08	WG422935	SAMP	Diesel (C7-C26)	R754327	J
L403980-09	WG423629	SAMP	1,2-Dibromoethane	R759806	J4J3
	WG423629	SAMP	trans-1,3-Dichloropropene	R759806	J3
	WG423629	SAMP	1,2,3-Trichlorobenzene	R759806	J3
	WG427744	SAMP	Cyclohexane	R789452	Q
	WG427744	SAMP	1,4-Dioxane	R789452	Q
	WG427744	SAMP	Methyl Acetate	R789452	Q
	WG427744	SAMP	Methyl Cyclohexane	R789452	Q
	WG424232	SAMP	Beryllium	R766446	J
	WG424232	SAMP	Cadmium	R766446	J
	WG423363	SAMP	Chromium, Dissolved	R763047	J
	WG424232	SAMP	Selenium	R766446	J
	WG423775	SAMP	Antimony, Dissolved	R770926	J
	WG423294	SAMP	Acenaphthylene	R755687	J
	WG423294	SAMP	Benzo(a)pyrene	R755687	J
	WG423294	SAMP	Benzo(g,h,i)perylene	R755687	J
	WG423294	SAMP	Benzo(k)fluoranthene	R755687	J
	WG423294	SAMP	Indeno(1,2,3-cd)pyrene	R755687	J
	WG423294	SAMP	Naphthalene	R755687	J
	WG423294	SAMP	1-Methylnaphthalene	R755687	J
L403980-10	WG423294	SAMP	2-Methylnaphthalene	R755687	J
	WG427442	SAMP	Cyclohexane	R788346	Q
	WG427442	SAMP	1,4-Dioxane	R788346	Q
	WG427442	SAMP	Methyl Acetate	R788346	Q
	WG427442	SAMP	Methyl Cyclohexane	R788346	Q
	WG423454	SAMP	Arsenic	R763886	O
	WG424566	SAMP	Lead	R769026	P1
	WG423454	SAMP	Selenium	R763886	O
	WG423454	SAMP	Thallium	R763886	O
	WG423109	SAMP	Mercury	R752950	J
	WG423526	SAMP	2,4-Dimethylphenol	R759406	J4
	WG428103	SAMP	2,3,4,6-Tetrachlorophenol	R793871	Q
L403980-12	WG423629	SAMP	1,2-Dibromoethane	R759806	J4J3
	WG423629	SAMP	trans-1,3-Dichloropropene	R759806	J3
	WG423629	SAMP	1,2,3-Trichlorobenzene	R759806	J3
	WG427744	SAMP	Cyclohexane	R789452	Q
	WG427744	SAMP	1,4-Dioxane	R789452	Q
	WG427744	SAMP	Methyl Acetate	R789452	Q
	WG427744	SAMP	Methyl Cyclohexane	R789452	Q
	WG424340	SAMP	Dimethyl phthalate	R764086	J3

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J	(EPA) - Estimated value below the lowest calibration point. Confidence correlates with concentration.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low
J7	Surrogate recovery limits cannot be evaluated; surrogates were diluted out
O	(ESC) Sample diluted due to matrix interferences that impaired the ability to make an accurate analytical determination. The detection limit is elevated in order to reflect the necessary dilution.
P1	RPD value not applicable for sample concentrations less than 5 times the reporting limit.
Q	(ESC) Sample held beyond the accepted holding time.

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

Definitions

- Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.
- Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Difference.
- Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromatography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.
- TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Summary of Remarks For Samples Printed
06/29/09 at 13:04:03

TSR Signing Reports: 358
R5 - Desired TAT

Log all arsenic gw samples as ASG.

Sample: L403980-01 Account: SLRWLOR Received: 05/22/09 09:00 Due Date: 06/23/09 00:00 RPT Date: 06/16/09 14:25
WA EIM EDD needed., Added NWTPHDX - MB 6/5/09
Sample: L403980-02 Account: SLRWLOR Received: 05/22/09 09:00 Due Date: 06/23/09 00:00 RPT Date: 06/16/09 14:25
Sample: L403980-03 Account: SLRWLOR Received: 05/22/09 09:00 Due Date: 06/23/09 00:00 RPT Date: 06/16/09 14:25
Metals pH adjusted at lab 6/10 1700
Sample: L403980-04 Account: SLRWLOR Received: 05/22/09 09:00 Due Date: 06/23/09 00:00 RPT Date: 06/16/09 14:25
Added NWTPHDX - MB 6/5/09
Sample: L403980-05 Account: SLRWLOR Received: 05/22/09 09:00 Due Date: 06/23/09 00:00 RPT Date: 06/16/09 14:25
Sample: L403980-06 Account: SLRWLOR Received: 05/22/09 09:00 Due Date: 06/23/09 00:00 RPT Date: 06/16/09 14:25
Removed 8082 per JW. AV 5/26 Added M6010PP per JW-5/29-JD
Sample: L403980-07 Account: SLRWLOR Received: 05/22/09 09:00 Due Date: 06/23/09 00:00 RPT Date: 06/16/09 14:25
Added NWTPHDX - MB 6/5/09
Sample: L403980-08 Account: SLRWLOR Received: 05/22/09 09:00 Due Date: 06/23/09 00:00 RPT Date: 06/16/09 14:25
Sample: L403980-09 Account: SLRWLOR Received: 05/22/09 09:00 Due Date: 06/23/09 00:00 RPT Date: 06/16/09 14:25
Removed 8082 per JW. AV 5/26 Added M6010PP per JW-5/29-jd
Sample: L403980-10 Account: SLRWLOR Received: 05/22/09 09:00 Due Date: 06/23/09 00:00 RPT Date: 06/16/09 14:25
Added SV8270 per JW. AV 5/26, Added NWTPHDX - MB 6/5/09
Sample: L403980-11 Account: SLRWLOR Received: 05/22/09 09:00 Due Date: 06/23/09 00:00 RPT Date: 06/16/09 14:25
Sample: L403980-12 Account: SLRWLOR Received: 05/22/09 09:00 Due Date: 06/23/09 00:00 RPT Date: 06/16/09 14:25
added NWTPHDX and SV8270 per JW-5/27-jd



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Quality Assurance Report Level II

June 29, 2009

L403980

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
Mercury	< .02	mg/kg			WG423109	05/25/09 12:40
PCB 1016	< .017	mg/kg			WG423182	05/25/09 20:05
PCB 1221	< .017	mg/kg			WG423182	05/25/09 20:05
PCB 1232	< .017	mg/kg			WG423182	05/25/09 20:05
PCB 1242	< .017	mg/kg			WG423182	05/25/09 20:05
PCB 1248	< .017	mg/kg			WG423182	05/25/09 20:05
PCB 1254	< .017	mg/kg			WG423182	05/25/09 20:05
PCB 1260	< .017	mg/kg			WG423182	05/25/09 20:05
Decachlorobiphenyl		% Rec.	66.96	18.9-115.8	WG423182	05/25/09 20:05
Tetrachloro-m-xylene		% Rec.	91.59	31.8-115.7	WG423182	05/25/09 20:05
#6 Fuel Oil (C10-C32)	< .1	mg/l			WG422935	05/26/09 10:27
Diesel (C7-C26)	< .1	mg/l			WG422935	05/26/09 10:27
Hydraulic Fluid (C12-C33)	< .1	mg/l			WG422935	05/26/09 10:27
Kerosene (C9-C16)	< .1	mg/l			WG422935	05/26/09 10:27
Mineral Spirits	< .1	mg/l			WG422935	05/26/09 10:27
Motor Oil (C16-C40)	< .25	mg/l			WG422935	05/26/09 10:27
o-Terphenyl		% Rec.	106.9	50-150	WG422935	05/26/09 10:27
#6 Fuel Oil (C10-C32)	< 4	mg/kg			WG423285	05/26/09 12:02
Diesel (C7-C26)	< 4	mg/kg			WG423285	05/26/09 12:02
Hydraulic Fluid (C12-C33)	< 4	mg/kg			WG423285	05/26/09 12:02
Kerosene (C9-C16)	< 4	mg/kg			WG423285	05/26/09 12:02
Mineral Spirits	< 4	mg/kg			WG423285	05/26/09 12:02
Motor Oil (C16-C40)	< 10	mg/kg			WG423285	05/26/09 12:02
o-Terphenyl		% Rec.	105.9	50-150	WG423285	05/26/09 12:02
1,1,1-Trichloroethane	< .001	mg/kg			WG423335	05/25/09 23:47
1,1,2,2-Tetrachloroethane	< .001	mg/kg			WG423335	05/25/09 23:47
1,1,2-Trichloroethane	< .001	mg/kg			WG423335	05/25/09 23:47
1,1,2-Trichloro-1,2,2-trifluoroethane	< .001	mg/kg			WG423335	05/25/09 23:47
1,1-Dichloroethane	< .001	mg/kg			WG423335	05/25/09 23:47
1,1-Dichloroethene	< .001	mg/kg			WG423335	05/25/09 23:47
1,2,3-Trichlorobenzene	< .001	mg/kg			WG423335	05/25/09 23:47
1,2,4-Trichlorobenzene	< .001	mg/kg			WG423335	05/25/09 23:47
1,2-Dibromo-3-Chloropropane	< .005	mg/kg			WG423335	05/25/09 23:47
1,2-Dibromoethane	< .001	mg/kg			WG423335	05/25/09 23:47
1,2-Dichlorobenzene	< .001	mg/kg			WG423335	05/25/09 23:47
1,2-Dichloroethane	< .001	mg/kg			WG423335	05/25/09 23:47
1,2-Dichloropropane	< .001	mg/kg			WG423335	05/25/09 23:47
1,3-Dichlorobenzene	< .001	mg/kg			WG423335	05/25/09 23:47
1,4-Dichlorobenzene	< .001	mg/kg			WG423335	05/25/09 23:47
2-Butanone (MEK)	< .01	mg/kg			WG423335	05/25/09 23:47
2-Hexanone	< .01	mg/kg			WG423335	05/25/09 23:47
4-Methyl-2-pentanone (MIBK)	< .01	mg/kg			WG423335	05/25/09 23:47
Acetone	< .05	mg/kg			WG423335	05/25/09 23:47
Benzene	< .001	mg/kg			WG423335	05/25/09 23:47
Bromochloromethane	< .001	mg/kg			WG423335	05/25/09 23:47
Bromodichloromethane	< .001	mg/kg			WG423335	05/25/09 23:47
Bromoform	< .001	mg/kg			WG423335	05/25/09 23:47
Bromomethane	< .005	mg/kg			WG423335	05/25/09 23:47
Carbon disulfide	< .001	mg/kg			WG423335	05/25/09 23:47
Carbon tetrachloride	< .001	mg/kg			WG423335	05/25/09 23:47
Chlorobenzene	< .001	mg/kg			WG423335	05/25/09 23:47

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Level II

June 29, 2009

L403980

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
Chlorodibromomethane	< .001	mg/kg			WG423335	05/25/09 23:47
Chloroethane	< .005	mg/kg			WG423335	05/25/09 23:47
Chloroform	< .005	mg/kg			WG423335	05/25/09 23:47
Chloromethane	< .001	mg/kg			WG423335	05/25/09 23:47
cis-1,2-Dichloroethene	< .001	mg/kg			WG423335	05/25/09 23:47
cis-1,3-Dichloropropene	< .001	mg/kg			WG423335	05/25/09 23:47
Dichlorodifluoromethane	< .005	mg/kg			WG423335	05/25/09 23:47
Ethylbenzene	< .001	mg/kg			WG423335	05/25/09 23:47
Isopropylbenzene	< .001	mg/kg			WG423335	05/25/09 23:47
Methyl tert-butyl ether	< .001	mg/kg			WG423335	05/25/09 23:47
Methylene Chloride	< .005	mg/kg			WG423335	05/25/09 23:47
Styrene	< .001	mg/kg			WG423335	05/25/09 23:47
Tetrachloroethene	< .001	mg/kg			WG423335	05/25/09 23:47
Toluene	< .005	mg/kg			WG423335	05/25/09 23:47
trans-1,2-Dichloroethene	< .001	mg/kg			WG423335	05/25/09 23:47
trans-1,3-Dichloropropene	< .001	mg/kg			WG423335	05/25/09 23:47
Trichloroethene	< .001	mg/kg			WG423335	05/25/09 23:47
Trichlorofluoromethane	< .005	mg/kg			WG423335	05/25/09 23:47
Vinyl chloride	< .001	mg/kg			WG423335	05/25/09 23:47
4-Bromofluorobenzene		% Rec.	96.15	59-140	WG423335	05/25/09 23:47
Dibromofluoromethane		% Rec.	94.74	63-139	WG423335	05/25/09 23:47
Toluene-d8		% Rec.	101.6	84-116	WG423335	05/25/09 23:47
Mercury	< .02	mg/kg			WG423494	05/26/09 22:37
Total Solids	< .1	%			WG423412	05/27/09 10:30
Total Solids	< .1	%			WG423413	05/27/09 11:00
1-Methylnaphthalene	< .01	ppm			WG423294	05/26/09 10:50
2-Chloronaphthalene	< .01	ppm			WG423294	05/26/09 10:50
2-Methylnaphthalene	< .01	ppm			WG423294	05/26/09 10:50
Acenaphthene	< .01	ppm			WG423294	05/26/09 10:50
Acenaphthylene	< .01	ppm			WG423294	05/26/09 10:50
Anthracene	< .01	ppm			WG423294	05/26/09 10:50
Benzo(a)anthracene	< .01	ppm			WG423294	05/26/09 10:50
Benzo(a)pyrene	< .01	ppm			WG423294	05/26/09 10:50
Benzo(b)fluoranthene	< .01	ppm			WG423294	05/26/09 10:50
Benzo(g,h,i)perylene	< .01	ppm			WG423294	05/26/09 10:50
Benzo(k)fluoranthene	< .01	ppm			WG423294	05/26/09 10:50
Chrysene	< .01	ppm			WG423294	05/26/09 10:50
Dibenz(a,h)anthracene	< .01	ppm			WG423294	05/26/09 10:50
Fluoranthene	< .01	ppm			WG423294	05/26/09 10:50
Fluorene	< .01	ppm			WG423294	05/26/09 10:50
Indeno(1,2,3-cd)pyrene	< .01	ppm			WG423294	05/26/09 10:50
Naphthalene	< .01	ppm			WG423294	05/26/09 10:50
Phenanthrene	< .01	ppm			WG423294	05/26/09 10:50
Pyrene	< .01	ppm			WG423294	05/26/09 10:50
2-Fluorobiphenyl		% Rec.	74.05	26-122	WG423294	05/26/09 10:50
Nitrobenzene-d5		% Rec.	73.39	12-120	WG423294	05/26/09 10:50
p-Terphenyl-d14		% Rec.	80.71	34-149	WG423294	05/26/09 10:50
1-Methylnaphthalene	< .33	ppm			WG423440	05/27/09 10:56
2-Chloronaphthalene	< .33	ppm			WG423440	05/27/09 10:56

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Level II

June 29, 2009

L403980

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
2-Methylnaphthalene	< .33	ppm			WG423440	05/27/09 10:56
Acenaphthene	< .33	ppm			WG423440	05/27/09 10:56
Acenaphthylene	< .33	ppm			WG423440	05/27/09 10:56
Anthracene	< .33	ppm			WG423440	05/27/09 10:56
Benzo(a)anthracene	< .33	ppm			WG423440	05/27/09 10:56
Benzo(a)pyrene	< .33	ppm			WG423440	05/27/09 10:56
Benzo(b)fluoranthene	< .33	ppm			WG423440	05/27/09 10:56
Benzo(g,h,i)perylene	< .33	ppm			WG423440	05/27/09 10:56
Benzo(k)fluoranthene	< .33	ppm			WG423440	05/27/09 10:56
Chrysene	< .33	ppm			WG423440	05/27/09 10:56
Dibenz(a,h)anthracene	< .33	ppm			WG423440	05/27/09 10:56
Fluoranthene	< .33	ppm			WG423440	05/27/09 10:56
Fluorene	< .33	ppm			WG423440	05/27/09 10:56
Indeno(1,2,3-cd)pyrene	< .33	ppm			WG423440	05/27/09 10:56
Naphthalene	< .33	ppm			WG423440	05/27/09 10:56
Phenanthrene	< .33	ppm			WG423440	05/27/09 10:56
Pyrene	< .33	ppm			WG423440	05/27/09 10:56
2-Fluorobiphenyl		% Rec.	78.40	30-120	WG423440	05/27/09 10:56
Nitrobenzene-d5		% Rec.	84.54	18-119	WG423440	05/27/09 10:56
p-Terphenyl-d14		% Rec.	83.55	23-143	WG423440	05/27/09 10:56
#6 Fuel Oil (C10-C32)	< .1	mg/l			WG423626	05/27/09 15:32
Diesel (C7-C26)	< .1	mg/l			WG423626	05/27/09 15:32
Hydraulic Fluid (C12-C33)	< .1	mg/l			WG423626	05/27/09 15:32
Kerosene (C9-C16)	< .1	mg/l			WG423626	05/27/09 15:32
Mineral Spirits	< .1	mg/l			WG423626	05/27/09 15:32
Motor Oil (C16-C40)	< .25	mg/l			WG423626	05/27/09 15:32
o-Terphenyl		% Rec.	86.48	50-150	WG423626	05/27/09 15:32
Mercury, Dissolved	< .0002	mg/l			WG423123	05/27/09 13:16
PCB 1016	< .017	mg/kg			WG423525	05/27/09 17:26
PCB 1221	< .017	mg/kg			WG423525	05/27/09 17:26
PCB 1232	< .017	mg/kg			WG423525	05/27/09 17:26
PCB 1242	< .017	mg/kg			WG423525	05/27/09 17:26
PCB 1248	< .017	mg/kg			WG423525	05/27/09 17:26
PCB 1254	< .017	mg/kg			WG423525	05/27/09 17:26
PCB 1260	< .017	mg/kg			WG423525	05/27/09 17:26
Decachlorobiphenyl		% Rec.	133.2*	18.9-115.8	WG423525	05/27/09 17:26
Tetrachloro-m-xylene		% Rec.	110.4	31.8-115.7	WG423525	05/27/09 17:26
1,1,1-Trichloroethane	< .001	mg/kg			WG423787	05/28/09 11:39
1,1,2,2-Tetrachloroethane	< .001	mg/kg			WG423787	05/28/09 11:39
1,1,2-Trichloroethane	< .001	mg/kg			WG423787	05/28/09 11:39
1,1,2-Trichloro-1,2,2-trifluoroethane	< .001	mg/kg			WG423787	05/28/09 11:39
1,1-Dichloroethane	< .001	mg/kg			WG423787	05/28/09 11:39
1,1-Dichloroethene	< .001	mg/kg			WG423787	05/28/09 11:39
1,2,3-Trichlorobenzene	< .001	mg/kg			WG423787	05/28/09 11:39
1,2,4-Trichlorobenzene	< .001	mg/kg			WG423787	05/28/09 11:39
1,2-Dibromo-3-Chloropropane	< .005	mg/kg			WG423787	05/28/09 11:39
1,2-Dibromoethane	< .001	mg/kg			WG423787	05/28/09 11:39
1,2-Dichlorobenzene	< .001	mg/kg			WG423787	05/28/09 11:39
1,2-Dichloroethane	< .001	mg/kg			WG423787	05/28/09 11:39
1,2-Dichloropropane	< .001	mg/kg			WG423787	05/28/09 11:39
1,3-Dichlorobenzene	< .001	mg/kg			WG423787	05/28/09 11:39

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Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
1,4-Dichlorobenzene	< .001	mg/kg			WG423787	05/28/09 11:39
2-Butanone (MEK)	< .01	mg/kg			WG423787	05/28/09 11:39
2-Hexanone	< .01	mg/kg			WG423787	05/28/09 11:39
4-Methyl-2-pentanone (MIBK)	< .01	mg/kg			WG423787	05/28/09 11:39
Acetone	< .05	mg/kg			WG423787	05/28/09 11:39
Benzene	< .001	mg/kg			WG423787	05/28/09 11:39
Bromochloromethane	< .001	mg/kg			WG423787	05/28/09 11:39
Bromodichloromethane	< .001	mg/kg			WG423787	05/28/09 11:39
Bromoform	< .001	mg/kg			WG423787	05/28/09 11:39
Bromomethane	< .005	mg/kg			WG423787	05/28/09 11:39
Carbon disulfide	< .001	mg/kg			WG423787	05/28/09 11:39
Carbon tetrachloride	< .001	mg/kg			WG423787	05/28/09 11:39
Chlorobenzene	< .001	mg/kg			WG423787	05/28/09 11:39
Chlorodibromomethane	< .001	mg/kg			WG423787	05/28/09 11:39
Chloroethane	< .005	mg/kg			WG423787	05/28/09 11:39
Chloroform	< .005	mg/kg			WG423787	05/28/09 11:39
Chloromethane	< .001	mg/kg			WG423787	05/28/09 11:39
cis-1,2-Dichloroethene	< .001	mg/kg			WG423787	05/28/09 11:39
cis-1,3-Dichloropropene	< .001	mg/kg			WG423787	05/28/09 11:39
Dichlorodifluoromethane	< .005	mg/kg			WG423787	05/28/09 11:39
Ethylbenzene	< .001	mg/kg			WG423787	05/28/09 11:39
Isopropylbenzene	< .001	mg/kg			WG423787	05/28/09 11:39
Methyl tert-butyl ether	< .001	mg/kg			WG423787	05/28/09 11:39
Methylene Chloride	< .005	mg/kg			WG423787	05/28/09 11:39
Styrene	< .001	mg/kg			WG423787	05/28/09 11:39
Tetrachloroethene	< .001	mg/kg			WG423787	05/28/09 11:39
Toluene	< .005	mg/kg			WG423787	05/28/09 11:39
trans-1,2-Dichloroethene	< .001	mg/kg			WG423787	05/28/09 11:39
trans-1,3-Dichloropropene	< .001	mg/kg			WG423787	05/28/09 11:39
Trichloroethene	< .001	mg/kg			WG423787	05/28/09 11:39
Trichlorofluoromethane	< .005	mg/kg			WG423787	05/28/09 11:39
Vinyl chloride	< .001	mg/kg			WG423787	05/28/09 11:39
4-Bromofluorobenzene		% Rec.	102.7	59-140	WG423787	05/28/09 11:39
Dibromofluoromethane		% Rec.	96.30	63-139	WG423787	05/28/09 11:39
Toluene-d8		% Rec.	101.2	84-116	WG423787	05/28/09 11:39
1,2,4,5-Tetrachlorobenzene	< .05	ppm			WG423526	05/27/09 10:47
2,4,5-Trichlorophenol	< .33	ppm			WG423526	05/27/09 10:47
2,4,6-Trichlorophenol	< .33	ppm			WG423526	05/27/09 10:47
2,4-Dichlorophenol	< .33	ppm			WG423526	05/27/09 10:47
2,4-Dimethylphenol	< .33	ppm			WG423526	05/27/09 10:47
2,4-Dinitrophenol	< .33	ppm			WG423526	05/27/09 10:47
2,4-Dinitrotoluene	< .33	ppm			WG423526	05/27/09 10:47
2,6-Dinitrotoluene	< .33	ppm			WG423526	05/27/09 10:47
2-Chloronaphthalene	< .33	ppm			WG423526	05/27/09 10:47
2-Chlorophenol	< .33	ppm			WG423526	05/27/09 10:47
2-Methylnaphthalene	< .33	ppm			WG423526	05/27/09 10:47
2-Methylphenol	< .33	ppm			WG423526	05/27/09 10:47
2-Nitroaniline	< .33	ppm			WG423526	05/27/09 10:47
2-Nitrophenol	< .33	ppm			WG423526	05/27/09 10:47
3&4-Methyl Phenol	< .33	ppm			WG423526	05/27/09 10:47
3,3-Dichlorobenzidine	< .33	ppm			WG423526	05/27/09 10:47
3-Nitroaniline	< .33	ppm			WG423526	05/27/09 10:47
4,6-Dinitro-2-methylphenol	< .33	ppm			WG423526	05/27/09 10:47
4-Bromophenyl-phenylether	< .33	ppm			WG423526	05/27/09 10:47
4-Chloro-3-methylphenol	< .33	ppm			WG423526	05/27/09 10:47
4-Chloroaniline	< .33	ppm			WG423526	05/27/09 10:47
4-Chlorophenyl-phenylether	< .33	ppm			WG423526	05/27/09 10:47

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1800 Blankenship Road, Suite 440
West Linn, OR 97068

Quality Assurance Report
Level II

June 29, 2009

L403980

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
4-Nitroaniline	< .33	ppm			WG423526	05/27/09 10:47
4-Nitrophenol	< .33	ppm			WG423526	05/27/09 10:47
Acenaphthene	< .33	ppm			WG423526	05/27/09 10:47
Acenaphthylene	< .33	ppm			WG423526	05/27/09 10:47
Acetophenone	< .33	ppm			WG423526	05/27/09 10:47
Anthracene	< .33	ppm			WG423526	05/27/09 10:47
Atrazine	< .33	ppm			WG423526	05/27/09 10:47
Benzaldehyde	< .33	ppm			WG423526	05/27/09 10:47
Benzo(a)anthracene	< .33	ppm			WG423526	05/27/09 10:47
Benzo(a)pyrene	< .33	ppm			WG423526	05/27/09 10:47
Benzo(b)fluoranthene	< .33	ppm			WG423526	05/27/09 10:47
Benzo(g,h,i)perylene	< .33	ppm			WG423526	05/27/09 10:47
Benzo(k)fluoranthene	< .33	ppm			WG423526	05/27/09 10:47
Benzylbutyl phthalate	< .33	ppm			WG423526	05/27/09 10:47
Biphenyl	< .33	ppm			WG423526	05/27/09 10:47
Bis(2-chloroethoxy)methane	< .33	ppm			WG423526	05/27/09 10:47
Bis(2-chloroethyl)ether	< .33	ppm			WG423526	05/27/09 10:47
Bis(2-chloroisopropyl)ether	< .33	ppm			WG423526	05/27/09 10:47
Bis(2-ethylhexyl)phthalate	< .33	ppm			WG423526	05/27/09 10:47
Caprolactam	< .33	ppm			WG423526	05/27/09 10:47
Carbazole	< .33	ppm			WG423526	05/27/09 10:47
Chrysene	< .33	ppm			WG423526	05/27/09 10:47
Di-n-butyl phthalate	< .33	ppm			WG423526	05/27/09 10:47
Di-n-octyl phthalate	< .33	ppm			WG423526	05/27/09 10:47
Dibenz(a,h)anthracene	< .33	ppm			WG423526	05/27/09 10:47
Dibenzofuran	< .33	ppm			WG423526	05/27/09 10:47
Diethyl phthalate	< .33	ppm			WG423526	05/27/09 10:47
Dimethyl phthalate	< .33	ppm			WG423526	05/27/09 10:47
Fluoranthene	< .33	ppm			WG423526	05/27/09 10:47
Fluorene	< .33	ppm			WG423526	05/27/09 10:47
Hexachloro-1,3-butadiene	< .33	ppm			WG423526	05/27/09 10:47
Hexachlorobenzene	< .33	ppm			WG423526	05/27/09 10:47
Hexachlorocyclopentadiene	< .33	ppm			WG423526	05/27/09 10:47
Hexachloroethane	< .33	ppm			WG423526	05/27/09 10:47
Indeno(1,2,3-cd)pyrene	< .33	ppm			WG423526	05/27/09 10:47
Isophorone	< .33	ppm			WG423526	05/27/09 10:47
n-Nitrosodi-n-propylamine	< .33	ppm			WG423526	05/27/09 10:47
n-Nitrosodiphenylamine	< .33	ppm			WG423526	05/27/09 10:47
Naphthalene	< .33	ppm			WG423526	05/27/09 10:47
Nitrobenzene	< .33	ppm			WG423526	05/27/09 10:47
Pentachlorophenol	< .33	ppm			WG423526	05/27/09 10:47
Phenanthrene	< .33	ppm			WG423526	05/27/09 10:47
Phenol	< .33	ppm			WG423526	05/27/09 10:47
Pyrene	< .33	ppm			WG423526	05/27/09 10:47
2,4,6-Tribromophenol		% Rec.	68.61	25-137	WG423526	05/27/09 10:47
2-Fluorobiphenyl		% Rec.	68.89	30-120	WG423526	05/27/09 10:47
2-Fluorophenol		% Rec.	72.41	26-130	WG423526	05/27/09 10:47
Nitrobenzene-d5		% Rec.	66.45	18-119	WG423526	05/27/09 10:47
Phenol-d5		% Rec.	70.70	37-141	WG423526	05/27/09 10:47
p-Terphenyl-d14		% Rec.	81.75	23-143	WG423526	05/27/09 10:47
Diesel Range Organics (DRO)	< .1	ppm			WG423739	05/28/09 17:19
o-Terphenyl		% Rec.	95.77	50-150	WG423739	05/28/09 17:19
1,1,1-Trichloroethane	< .0005	mg/l			WG423629	05/29/09 01:20
1,1,2,2-Tetrachloroethane	< .0005	mg/l			WG423629	05/29/09 01:20
1,1,2-Trichloroethane	< .0005	mg/l			WG423629	05/29/09 01:20

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Level II

June 29, 2009

L403980

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
1,1,2-Trichloro-1,2,2-trifluoroethane	< .0005	mg/l			WG423629	05/29/09 01:20
1,1-Dichloroethane	< .0005	mg/l			WG423629	05/29/09 01:20
1,1-Dichloroethene	< .0005	mg/l			WG423629	05/29/09 01:20
1,2,3-Trichlorobenzene	< .0005	mg/l			WG423629	05/29/09 01:20
1,2,4-Trichlorobenzene	< .0005	mg/l			WG423629	05/29/09 01:20
1,2-Dibromo-3-Chloropropane	< .001	mg/l			WG423629	05/29/09 01:20
1,2-Dibromoethane	< .0005	mg/l			WG423629	05/29/09 01:20
1,2-Dichlorobenzene	< .0005	mg/l			WG423629	05/29/09 01:20
1,2-Dichloroethane	< .0005	mg/l			WG423629	05/29/09 01:20
1,2-Dichloropropane	< .0005	mg/l			WG423629	05/29/09 01:20
1,3-Dichlorobenzene	< .0005	mg/l			WG423629	05/29/09 01:20
1,4-Dichlorobenzene	< .0005	mg/l			WG423629	05/29/09 01:20
2-Butanone (MEK)	< .0025	mg/l			WG423629	05/29/09 01:20
2-Hexanone	< .0025	mg/l			WG423629	05/29/09 01:20
4-Methyl-2-pentanone (MIBK)	< .0025	mg/l			WG423629	05/29/09 01:20
Acetone	< .025	mg/l			WG423629	05/29/09 01:20
Benzene	< .0005	mg/l			WG423629	05/29/09 01:20
Bromochloromethane	< .0005	mg/l			WG423629	05/29/09 01:20
Bromodichloromethane	< .0005	mg/l			WG423629	05/29/09 01:20
Bromoform	< .0005	mg/l			WG423629	05/29/09 01:20
Bromomethane	< .0005	mg/l			WG423629	05/29/09 01:20
Carbon disulfide	< .0005	mg/l			WG423629	05/29/09 01:20
Carbon tetrachloride	< .0005	mg/l			WG423629	05/29/09 01:20
Chlorobenzene	< .0005	mg/l			WG423629	05/29/09 01:20
Chlorodibromomethane	< .0005	mg/l			WG423629	05/29/09 01:20
Chloroethane	< .0005	mg/l			WG423629	05/29/09 01:20
Chloroform	< .0005	mg/l			WG423629	05/29/09 01:20
Chloromethane	< .0005	mg/l			WG423629	05/29/09 01:20
cis-1,2-Dichloroethene	< .0005	mg/l			WG423629	05/29/09 01:20
cis-1,3-Dichloropropene	< .0005	mg/l			WG423629	05/29/09 01:20
Dichlorodifluoromethane	< .0005	mg/l			WG423629	05/29/09 01:20
Ethylbenzene	< .0005	mg/l			WG423629	05/29/09 01:20
Isopropylbenzene	< .0005	mg/l			WG423629	05/29/09 01:20
Methyl tert-butyl ether	< .0005	mg/l			WG423629	05/29/09 01:20
Methylene Chloride	< .0025	mg/l			WG423629	05/29/09 01:20
Styrene	< .0005	mg/l			WG423629	05/29/09 01:20
Tetrachloroethene	< .0005	mg/l			WG423629	05/29/09 01:20
Toluene	< .0005	mg/l			WG423629	05/29/09 01:20
trans-1,2-Dichloroethene	< .0005	mg/l			WG423629	05/29/09 01:20
trans-1,3-Dichloropropene	< .0005	mg/l			WG423629	05/29/09 01:20
Trichloroethene	< .0005	mg/l			WG423629	05/29/09 01:20
Trichlorofluoromethane	< .0005	mg/l			WG423629	05/29/09 01:20
Vinyl chloride	< .0005	mg/l			WG423629	05/29/09 01:20
4-Bromofluorobenzene		% Rec.	99.83	75-128	WG423629	05/29/09 01:20
Dibromofluoromethane		% Rec.	99.79	79-125	WG423629	05/29/09 01:20
Toluene-d8		% Rec.	97.36	87-114	WG423629	05/29/09 01:20
Beryllium,Dissolved	< .002	mg/l			WG423363	05/29/09 15:47
Cadmium,Dissolved	< .005	mg/l			WG423363	05/29/09 15:47
Chromium,Dissolved	< .01	mg/l			WG423363	05/29/09 15:47
Copper,Dissolved	< .02	mg/l			WG423363	05/29/09 15:47
Lead,Dissolved	< .005	mg/l			WG423363	05/29/09 15:47
Nickel,Dissolved	< .02	mg/l			WG423363	05/29/09 15:47
Selenium,Dissolved	< .02	mg/l			WG423363	05/29/09 15:47
Silver,Dissolved	< .01	mg/l			WG423363	05/29/09 15:47
Zinc,Dissolved	< .03	mg/l			WG423363	05/29/09 15:47

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Quality Assurance Report
Level II

June 29, 2009

L403980

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
PCB 1016	< .0005	mg/l			WG423854	05/29/09 17:13
PCB 1221	< .0005	mg/l			WG423854	05/29/09 17:13
PCB 1232	< .0005	mg/l			WG423854	05/29/09 17:13
PCB 1242	< .0005	mg/l			WG423854	05/29/09 17:13
PCB 1248	< .0005	mg/l			WG423854	05/29/09 17:13
PCB 1254	< .0005	mg/l			WG423854	05/29/09 17:13
PCB 1260	< .0005	mg/l			WG423854	05/29/09 17:13
Decachlorobiphenyl		% Rec.	69.08	10-122.6	WG423854	05/29/09 17:13
Tetrachloro-m-xylene		% Rec.	60.83	15.3-114.2	WG423854	05/29/09 17:13
Antimony	< 1	mg/kg			WG423454	05/31/09 14:30
Arsenic	< 1	mg/kg			WG423454	05/31/09 14:30
Beryllium	< .1	mg/kg			WG423454	05/31/09 14:30
Cadmium	< .25	mg/kg			WG423454	05/31/09 14:30
Chromium	< .5	mg/kg			WG423454	05/31/09 14:30
Copper	< 1	mg/kg			WG423454	05/31/09 14:30
Lead	< .25	mg/kg			WG423454	05/31/09 14:30
Nickel	< 1	mg/kg			WG423454	05/31/09 14:30
Selenium	< 1	mg/kg			WG423454	05/31/09 14:30
Silver	< .5	mg/kg			WG423454	05/31/09 14:30
Thallium	< 1	mg/kg			WG423454	05/31/09 14:30
Zinc	< 1.5	mg/kg			WG423454	05/31/09 14:30
1,2,4,5-Tetrachlorobenzene	< .05	ppm			WG424340	05/28/09 11:57
2,4,5-Trichlorophenol	< .01	ppm			WG424340	05/28/09 11:57
2,4,6-Trichlorophenol	< .01	ppm			WG424340	05/28/09 11:57
2,4-Dichlorophenol	< .01	ppm			WG424340	05/28/09 11:57
2,4-Dimethylphenol	< .01	ppm			WG424340	05/28/09 11:57
2,4-Dinitrophenol	< .01	ppm			WG424340	05/28/09 11:57
2,4-Dinitrotoluene	< .01	ppm			WG424340	05/28/09 11:57
2,6-Dinitrotoluene	< .01	ppm			WG424340	05/28/09 11:57
2-Chloronaphthalene	< .01	ppm			WG424340	05/28/09 11:57
2-Chlorophenol	< .01	ppm			WG424340	05/28/09 11:57
2-Methylnaphthalene	< .01	ppm			WG424340	05/28/09 11:57
2-Methylphenol	< .01	ppm			WG424340	05/28/09 11:57
2-Nitroaniline	< .01	ppm			WG424340	05/28/09 11:57
2-Nitrophenol	< .01	ppm			WG424340	05/28/09 11:57
3&4-methyl phenol	< .01	ppm			WG424340	05/28/09 11:57
3,3-Dichlorobenzidine	< .01	ppm			WG424340	05/28/09 11:57
3-Nitroaniline	< .01	ppm			WG424340	05/28/09 11:57
4,6-Dinitro-2-methylphenol	< .01	ppm			WG424340	05/28/09 11:57
4-Bromophenyl-phenylether	< .01	ppm			WG424340	05/28/09 11:57
4-Chloro-3-methylphenol	< .01	ppm			WG424340	05/28/09 11:57
4-Chloroaniline	< .01	ppm			WG424340	05/28/09 11:57
4-Chlorophenyl-phenylether	< .01	ppm			WG424340	05/28/09 11:57
4-Nitroaniline	< .01	ppm			WG424340	05/28/09 11:57
4-Nitrophenol	< .01	ppm			WG424340	05/28/09 11:57
Acenaphthene	< .01	ppm			WG424340	05/28/09 11:57
Acenaphthylene	< .01	ppm			WG424340	05/28/09 11:57
Acetophenone	< .01	ppm			WG424340	05/28/09 11:57
Anthracene	< .01	ppm			WG424340	05/28/09 11:57
Atrazine	< .01	ppm			WG424340	05/28/09 11:57
Benzaldehyde	< .01	ppm			WG424340	05/28/09 11:57
Benzo(a)anthracene	< .01	ppm			WG424340	05/28/09 11:57
Benzo(a)pyrene	< .01	ppm			WG424340	05/28/09 11:57
Benzo(b)fluoranthene	< .01	ppm			WG424340	05/28/09 11:57
Benzo(g,h,i)perylene	< .01	ppm			WG424340	05/28/09 11:57

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Quality Assurance Report
Level II

June 29, 2009

L403980

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
Benzo(k)fluoranthene	< .01	ppm			WG424340	05/28/09 11:57
Benzybutyl phthalate	< .01	ppm			WG424340	05/28/09 11:57
Biphenyl	< .01	ppm			WG424340	05/28/09 11:57
Bis(2-chloroethoxy)methane	< .01	ppm			WG424340	05/28/09 11:57
Bis(2-chloroethyl)ether	< .01	ppm			WG424340	05/28/09 11:57
Bis(2-chloroisopropyl)ether	< .01	ppm			WG424340	05/28/09 11:57
Bis(2-ethylhexyl)phthalate	< .01	ppm			WG424340	05/28/09 11:57
Caprolactam	< .01	ppm			WG424340	05/28/09 11:57
Carbazole	< .01	ppm			WG424340	05/28/09 11:57
Chrysene	< .01	ppm			WG424340	05/28/09 11:57
Di-n-butyl phthalate	< .01	ppm			WG424340	05/28/09 11:57
Di-n-octyl phthalate	< .01	ppm			WG424340	05/28/09 11:57
Dibenz(a,h)anthracene	< .01	ppm			WG424340	05/28/09 11:57
Dibenzofuran	< .01	ppm			WG424340	05/28/09 11:57
Diethyl phthalate	< .01	ppm			WG424340	05/28/09 11:57
Dimethyl phthalate	< .01	ppm			WG424340	05/28/09 11:57
Fluoranthene	< .01	ppm			WG424340	05/28/09 11:57
Fluorene	< .01	ppm			WG424340	05/28/09 11:57
Hexachloro-1,3-butadiene	< .01	ppm			WG424340	05/28/09 11:57
Hexachlorobenzene	< .01	ppm			WG424340	05/28/09 11:57
Hexachlorocyclopentadiene	< .01	ppm			WG424340	05/28/09 11:57
Hexachloroethane	< .01	ppm			WG424340	05/28/09 11:57
Indeno(1,2,3-cd)pyrene	< .01	ppm			WG424340	05/28/09 11:57
Isophorone	< .01	ppm			WG424340	05/28/09 11:57
n-Nitrosodi-n-propylamine	< .01	ppm			WG424340	05/28/09 11:57
n-Nitrosodiphenylamine	< .01	ppm			WG424340	05/28/09 11:57
Naphthalene	< .01	ppm			WG424340	05/28/09 11:57
Nitrobenzene	< .01	ppm			WG424340	05/28/09 11:57
Pentachlorophenol	< .01	ppm			WG424340	05/28/09 11:57
Phenanthrene	< .01	ppm			WG424340	05/28/09 11:57
Phenol	< .01	ppm			WG424340	05/28/09 11:57
Pyrene	< .01	ppm			WG424340	05/28/09 11:57
2,4,6-Tribromophenol		% Rec.	81.67	10-148	WG424340	05/28/09 11:57
2-Fluorobiphenyl		% Rec.	73.83	26-122	WG424340	05/28/09 11:57
2-Fluorophenol		% Rec.	37.20	10-87	WG424340	05/28/09 11:57
Nitrobenzene-d5		% Rec.	55.48	12-120	WG424340	05/28/09 11:57
Phenol-d5		% Rec.	24.82	10-67	WG424340	05/28/09 11:57
p-Terphenyl-d14		% Rec.	102.7	34-149	WG424340	05/28/09 11:57
Beryllium	< .002	mg/l			WG424232	06/01/09 23:10
Cadmium	< .005	mg/l			WG424232	06/01/09 23:10
Chromium	< .01	mg/l			WG424232	06/01/09 23:10
Copper	< .02	mg/l			WG424232	06/01/09 23:10
Lead	< .005	mg/l			WG424232	06/01/09 23:10
Nickel	< .02	mg/l			WG424232	06/01/09 23:10
Selenium	< .02	mg/l			WG424232	06/01/09 23:10
Silver	< .01	mg/l			WG424232	06/01/09 23:10
Zinc	< .03	mg/l			WG424232	06/01/09 23:10
Mercury	< .0002	mg/l			WG424233	06/01/09 18:52
Lead	< .25	mg/kg			WG424566	06/03/09 04:14
Antimony,Dissolved	< .001	mg/l			WG423775	06/03/09 22:32
Arsenic,Dissolved	< .001	mg/l			WG423775	06/03/09 22:32

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Tax I.D. 62-0814289

Est. 1970

SLR International Corp. - West Linn, OR
Chris Kramer
1800 Blankenship Road, Suite 440
West Linn, OR 97068

Quality Assurance Report
Level II

L403980

June 29, 2009

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
Thallium, Dissolved	< .001	mg/l			WG423775	06/03/09 22:32
Diesel Range Organics (DRO)	< 4	ppm			WG424943	06/04/09 12:22
o-Terphenyl		% Rec.	107.2	50-150	WG424943	06/04/09 12:22
Antimony	< .001	mg/l			WG424398	06/04/09 14:21
Arsenic	< .001	mg/l			WG424398	06/04/09 14:21
Thallium	< .001	mg/l			WG424398	06/04/09 14:21
Mercury	< .0002	mg/l			WG426094	06/12/09 23:36
Mercury, Dissolved	< .0002	mg/l			WG426098	06/14/09 14:36
Beryllium	< .002	mg/l			WG426343	06/15/09 02:12
Cadmium	< .005	mg/l			WG426343	06/15/09 02:12
Chromium	< .01	mg/l			WG426343	06/15/09 02:12
Copper	< .02	mg/l			WG426343	06/15/09 02:12
Lead	< .005	mg/l			WG426343	06/15/09 02:12
Nickel	< .02	mg/l			WG426343	06/15/09 02:12
Selenium	< .02	mg/l			WG426343	06/15/09 02:12
Silver	< .01	mg/l			WG426343	06/15/09 02:12
Zinc	< .03	mg/l			WG426343	06/15/09 02:12
Antimony	< .001	mg/l			WG426269	06/14/09 21:35
Arsenic	< .001	mg/l			WG426269	06/14/09 21:35
Thallium	< .001	mg/l			WG426269	06/14/09 21:35
Antimony, Dissolved	< .001	mg/l			WG426484	06/16/09 04:56
Arsenic, Dissolved	< .001	mg/l			WG426484	06/16/09 04:56
Thallium, Dissolved	< .001	mg/l			WG426484	06/16/09 04:56
1,4-Dioxane	< .004	mg/l			WG427744	06/22/09 21:21
4-Bromofluorobenzene		% Rec.	91.74	75-128	WG427744	06/22/09 21:21
Dibromofluoromethane		% Rec.	101.1	79-125	WG427744	06/22/09 21:21
Toluene-d8		% Rec.	95.38	87-114	WG427744	06/22/09 21:21

Analyte	Units	Result	Duplicate		RPD	Limit	Ref Samp	Batch
			Duplicate	RPD				
Mercury	mg/kg	0.00450	0.00510	12.5	20	L403980-10	WG423109	
Mercury	mg/kg	0.0140	0.0130	7.41	20	L403630-03	WG423494	
Total Solids	%	93.4	94.0	0.672	5	L403960-03	WG423412	
Total Solids	%	97.2	97.2	0.0166	5	L403985-08	WG423413	

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Analyte	Units	Result	Duplicate		RPD	Limit	Ref Samp	Batch
			Duplicate					
Mercury, Dissolved	mg/l	0.00	0.00	0.00	0.00	20	L404005-03	WG423123
Beryllium, Dissolved	mg/l	0.00	0.000170	NA	NA	20	L404101-03	WG423363
Cadmium, Dissolved	mg/l	0.00	0.000770	NA	NA	20	L404101-03	WG423363
Chromium, Dissolved	mg/l	0.00	0.00	0.00	0.00	20	L404101-03	WG423363
Copper, Dissolved	mg/l	0.00	0.00	0.00	0.00	20	L404101-03	WG423363
Lead, Dissolved	mg/l	0.00	0.00	0.00	0.00	20	L404101-03	WG423363
Nickel, Dissolved	mg/l	0.00	0.0125	NA	NA	20	L404101-03	WG423363
Selenium, Dissolved	mg/l	0.00	0.0106	NA	NA	20	L404101-03	WG423363
Silver, Dissolved	mg/l	0.00	0.00200	NA	NA	20	L404101-03	WG423363
Zinc, Dissolved	mg/l	0.00	0.00640	NA	NA	20	L404101-03	WG423363
Antimony	mg/kg	0.00	0.0143	NA	NA	20	L403985-12	WG423454
Arsenic	mg/kg	3.44	3.00	13.7	13.7	20	L403985-12	WG423454
Beryllium	mg/kg	0.526	0.530	0.758	0.758	20	L403985-12	WG423454
Cadmium	mg/kg	0.0570	0.0620	8.40	8.40	20	L403985-12	WG423454
Chromium	mg/kg	31.9	30.0	6.14	6.14	20	L403985-12	WG423454
Copper	mg/kg	42.7	32.0	28.6*	28.6*	20	L403985-12	WG423454
Lead	mg/kg	12.4	13.0	4.72	4.72	20	L403985-12	WG423454
Nickel	mg/kg	12.5	11.4	9.21	9.21	20	L403985-12	WG423454
Selenium	mg/kg	0.00	0.00	0.00	0.00	20	L403985-12	WG423454
Silver	mg/kg	0.00	0.00	0.00	0.00	20	L403985-12	WG423454
Zinc	mg/kg	167.	173.	3.53	3.53	20	L403985-12	WG423454
Thallium	mg/kg	0.00	0.00	0.00	0.00	20	L403985-12	WG423454
Beryllium	mg/l	0.00	0.00	0.00	0.00	20	L404463-04	WG424232
Cadmium	mg/l	0.00	0.000110	NA	NA	20	L404463-04	WG424232
Chromium	mg/l	0.00	0.00	0.00	0.00	20	L404463-04	WG424232
Copper	mg/l	0.000700	0.00270	118.*	118.*	20	L404463-04	WG424232
Lead	mg/l	0.0110	0.0119	7.86	7.86	20	L404463-04	WG424232
Nickel	mg/l	0.00	0.00	0.00	0.00	20	L404463-04	WG424232
Selenium	mg/l	0.00	0.00	0.00	0.00	20	L404463-04	WG424232
Silver	mg/l	0.00	0.00	0.00	0.00	20	L404463-04	WG424232
Zinc	mg/l	0.00	0.00690	NA	NA	20	L404463-04	WG424232
Lead	mg/kg	1.23	0.990	21.6*	21.6*	20	L403980-10	WG424566
Antimony, Dissolved	mg/l	0.00	0.00	0.00	0.00	20	L403980-06	WG423775
Arsenic, Dissolved	mg/l	0.000740	0.000690	6.99	6.99	20	L403980-06	WG423775
Thallium, Dissolved	mg/l	0.00	0.00	0.00	0.00	20	L403980-06	WG423775
Antimony	mg/l	0.00	0.00	0.00	0.00	20	L404641-23	WG424398
Arsenic	mg/l	0.00320	0.00310	3.17	3.17	20	L404641-23	WG424398
Thallium	mg/l	0.00	0.00	0.00	0.00	20	L404641-23	WG424398
Mercury	mg/l	0.00	0.00	0.00	0.00	20	L406775-15	WG426094
Mercury, Dissolved	mg/l	0.00	0.00	0.00	0.00	20	L406945-16	WG426098
Beryllium	mg/l	0.00	0.00	0.00	0.00	20	L406969-23	WG426343

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**Quality Assurance Report
Level II**

June 29, 2009

L403980

Analyte	Units	Duplicate		RPD	Limit	Ref Samp	Batch
		Result	Duplicate				
Cadmium	mg/l	0.00	0.00	0.00	20	L406969-23	WG426343
Chromium	mg/l	0.00	0.00	0.00	20	L406969-23	WG426343
Copper	mg/l	0.00	0.00250	NA	20	L406969-23	WG426343
Lead	mg/l	0.00	0.00	0.00	20	L406969-23	WG426343
Nickel	mg/l	0.00	0.00	0.00	20	L406969-23	WG426343
Selenium	mg/l	0.00	0.00	0.00	20	L406969-23	WG426343
Silver	mg/l	0.00	0.00	0.00	20	L406969-23	WG426343
Zinc	mg/l	0.00	0.0129	NA	20	L406969-23	WG426343
Antimony	mg/l	0.00	0.00	0.00	20	L406118-02	WG426269
Arsenic	mg/l	0.00	0.00	0.00	20	L406118-02	WG426269
Thallium	mg/l	0.00	0.00	0.00	20	L406118-02	WG426269
Antimony, Dissolved	mg/l	0.00	0.00	0.00	20	L407348-02	WG426484
Arsenic, Dissolved	mg/l	0.00321	0.00330	2.76	20	L407348-02	WG426484
Thallium, Dissolved	mg/l	0.00	0.000240	NA	20	L407348-02	WG426484

Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
Mercury	mg/kg	8.77	9.94	113.	71.6-127.7	WG423109
PCB 1260	mg/kg	.167	0.142	85.0	62-131	WG423182
Decachlorobiphenyl				79.76	18.9-115.8	WG423182
Tetrachloro-m-xylene				102.8	31.8-115.7	WG423182
Diesel (C7-C26)	mg/l	.75	0.624	83.2	50-150	WG422935
Motor Oil (C16-C40)	mg/l	.75	0.556	74.2	50-150	WG422935
o-Terphenyl				94.64	50-150	WG422935
Diesel (C7-C26)	mg/kg	30	23.6	78.6	50-150	WG423285
Motor Oil (C16-C40)	mg/kg	30	22.8	75.9	50-150	WG423285
o-Terphenyl				87.53	50-150	WG423285
1,1,1-Trichloroethane	mg/kg	.05	0.0528	106.	62-135	WG423335
1,1,2,2-Tetrachloroethane	mg/kg	.05	0.0443	88.5	74-129	WG423335
1,1,2-Trichloroethane	mg/kg	.05	0.0434	86.7	77-124	WG423335
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	.05	0.0394	78.9	49-155	WG423335
1,1-Dichloroethane	mg/kg	.05	0.0559	112.	61-134	WG423335
1,1-Dichloroethene	mg/kg	.05	0.0442	88.4	53-136	WG423335
1,2,3-Trichlorobenzene	mg/kg	.05	0.0460	92.0	62-146	WG423335
1,2,4-Trichlorobenzene	mg/kg	.05	0.0506	101.	61-148	WG423335
1,2-Dibromo-3-Chloropropane	mg/kg	.05	0.0440	88.0	61-134	WG423335
1,2-Dibromoethane	mg/kg	.05	0.0466	93.2	76-127	WG423335
1,2-Dichlorobenzene	mg/kg	.05	0.0484	96.9	77-123	WG423335
1,2-Dichloroethane	mg/kg	.05	0.0578	116.	58-141	WG423335
1,2-Dichloropropane	mg/kg	.05	0.0515	103.	71-128	WG423335
1,3-Dichlorobenzene	mg/kg	.05	0.0474	94.8	71-132	WG423335
1,4-Dichlorobenzene	mg/kg	.05	0.0475	95.1	72-123	WG423335
2-Butanone (MEK)	mg/kg	.25	0.235	94.1	51-131	WG423335
2-Hexanone	mg/kg	.25	0.225	90.0	62-145	WG423335
4-Methyl-2-pentanone (MIBK)	mg/kg	.25	0.238	95.4	61-143	WG423335
Acetone	mg/kg	.25	0.255	102.	44-140	WG423335

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Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
Benzene	mg/kg	.05	0.0528	106.	65-128	WG423335
Bromochloromethane	mg/kg	.05	0.0531	106.	73-130	WG423335
Bromodichloromethane	mg/kg	.05	0.0460	92.0	66-126	WG423335
Bromoform	mg/kg	.05	0.0423	84.6	64-139	WG423335
Bromomethane	mg/kg	.05	0.0470	93.9	41-175	WG423335
Carbon disulfide	mg/kg	.05	0.0420	84.0	36-161	WG423335
Carbon tetrachloride	mg/kg	.05	0.0536	107.	60-140	WG423335
Chlorobenzene	mg/kg	.05	0.0454	90.8	75-125	WG423335
Chlorodibromomethane	mg/kg	.05	0.0435	87.1	72-137	WG423335
Chloroethane	mg/kg	.05	0.0509	102.	44-159	WG423335
Chloroform	mg/kg	.05	0.0555	111.	63-123	WG423335
Chloromethane	mg/kg	.05	0.0531	106.	42-149	WG423335
cis-1,2-Dichloroethene	mg/kg	.05	0.0506	101.	71-129	WG423335
cis-1,3-Dichloropropene	mg/kg	.05	0.0533	107.	73-132	WG423335
Dichlorodifluoromethane	mg/kg	.05	0.0494	98.9	26-186	WG423335
Ethylbenzene	mg/kg	.05	0.0465	93.0	74-128	WG423335
Isopropylbenzene	mg/kg	.05	0.0461	92.2	73-130	WG423335
Methyl tert-butyl ether	mg/kg	.05	0.0462	92.4	44-148	WG423335
Methylene Chloride	mg/kg	.05	0.0477	95.4	57-129	WG423335
Styrene	mg/kg	.05	0.0470	94.0	76-133	WG423335
Tetrachloroethene	mg/kg	.05	0.0427	85.5	65-135	WG423335
Toluene	mg/kg	.05	0.0487	97.5	70-120	WG423335
trans-1,2-Dichloroethene	mg/kg	.05	0.0505	101.	61-133	WG423335
trans-1,3-Dichloropropene	mg/kg	.05	0.0520	104.	70-135	WG423335
Trichloroethene	mg/kg	.05	0.0486	97.2	71-126	WG423335
Trichlorofluoromethane	mg/kg	.05	0.0499	99.9	52-147	WG423335
Vinyl chloride	mg/kg	.05	0.0576	115.	50-151	WG423335
4-Bromofluorobenzene				93.99	59-140	WG423335
Dibromofluoromethane				103.3	63-139	WG423335
Toluene-d8				103.4	84-116	WG423335
Mercury	mg/kg	8.77	7.86	89.6	71.6-127.7	WG423494
Total Solids	%	50	50.0	100.	85-115	WG423412
Total Solids	%	50	50.0	100.	85-115	WG423413
1-Methylnaphthalene	ppm	.001	0.000752	75.2	30-123	WG423294
2-Chloronaphthalene	ppm	.001	0.000731	73.1	34-120	WG423294
2-Methylnaphthalene	ppm	.001	0.000737	73.7	29-116	WG423294
Acenaphthene	ppm	.001	0.000762	76.2	40-113	WG423294
Acenaphthylene	ppm	.001	0.000786	78.6	36-115	WG423294
Anthracene	ppm	.001	0.000791	79.1	45-118	WG423294
Benzo(a)anthracene	ppm	.001	0.000749	74.9	36-129	WG423294
Benzo(a)pyrene	ppm	.001	0.000810	81.0	44-124	WG423294
Benzo(b)fluoranthene	ppm	.001	0.000739	73.9	43-126	WG423294
Benzo(g,h,i)perylene	ppm	.001	0.000799	79.9	39-128	WG423294
Benzo(k)fluoranthene	ppm	.001	0.000875	87.5	44-127	WG423294
Chrysene	ppm	.001	0.000725	72.5	36-137	WG423294
Dibenz(a,h)anthracene	ppm	.001	0.000788	78.8	39-129	WG423294
Fluoranthene	ppm	.001	0.000783	78.3	45-123	WG423294
Fluorene	ppm	.001	0.000781	78.1	41-118	WG423294
Indeno(1,2,3-cd)pyrene	ppm	.001	0.000813	81.3	39-129	WG423294
Naphthalene	ppm	.001	0.000725	72.5	26-111	WG423294
Phenanthrene	ppm	.001	0.000757	75.7	41-116	WG423294

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Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
Pyrene	ppm	.001	0.000730	73.0	32-136	WG423294
2-Fluorobiphenyl				71.16	26-122	WG423294
Nitrobenzene-d5				71.26	12-120	WG423294
p-Terphenyl-d14				77.29	34-149	WG423294
1-Methylnaphthalene	ppm	.033	0.0234	70.8	41-110	WG423440
2-Chloronaphthalene	ppm	.033	0.0232	70.2	43-109	WG423440
2-Methylnaphthalene	ppm	.033	0.0224	67.9	38-104	WG423440
Acenaphthene	ppm	.033	0.0244	74.0	48-103	WG423440
Acenaphthylene	ppm	.033	0.0258	78.3	43-106	WG423440
Anthracene	ppm	.033	0.0275	83.3	51-110	WG423440
Benzo(a)anthracene	ppm	.033	0.0269	81.5	38-126	WG423440
Benzo(a)pyrene	ppm	.033	0.0279	84.5	47-118	WG423440
Benzo(b)fluoranthene	ppm	.033	0.0265	80.4	47-118	WG423440
Benzo(g,h,i)perylene	ppm	.033	0.0275	83.3	40-125	WG423440
Benzo(k)fluoranthene	ppm	.033	0.0299	90.5	45-121	WG423440
Chrysene	ppm	.033	0.0247	74.8	35-135	WG423440
Dibenz(a,h)anthracene	ppm	.033	0.0278	84.4	41-124	WG423440
Fluoranthene	ppm	.033	0.0277	83.8	50-114	WG423440
Fluorene	ppm	.033	0.0257	77.8	49-109	WG423440
Indeno(1,2,3-cd)pyrene	ppm	.033	0.0280	84.7	40-126	WG423440
Naphthalene	ppm	.033	0.0230	69.8	36-100	WG423440
Phenanthrene	ppm	.033	0.0268	81.3	46-108	WG423440
Pyrene	ppm	.033	0.0257	78.0	30-136	WG423440
2-Fluorobiphenyl				72.64	30-120	WG423440
Nitrobenzene-d5				68.87	18-119	WG423440
p-Terphenyl-d14				80.00	23-143	WG423440
Diesel (C7-C26)	mg/l	.75	0.586	78.1	50-150	WG423626
Motor Oil (C16-C40)	mg/l	.75	0.697	92.9	50-150	WG423626
o-Terphenyl				86.81	50-150	WG423626
Mercury,Dissolved	mg/l	.003	0.00325	108.	85-115	WG423123
PCB 1260	mg/kg	.167	0.180	108.	62-131	WG423525
Decachlorobiphenyl				119.9*	18.9-115.8	WG423525
Tetrachloro-m-xylene				108.8	31.8-115.7	WG423525
1,1,1-Trichloroethane	mg/kg	.05	0.0456	91.1	62-135	WG423787
1,1,2,2-Tetrachloroethane	mg/kg	.05	0.0480	96.0	74-129	WG423787
1,1,2-Trichloroethane	mg/kg	.05	0.0490	97.9	77-124	WG423787
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	.05	0.0482	96.4	49-155	WG423787
1,1-Dichloroethane	mg/kg	.05	0.0477	95.4	61-134	WG423787
1,1-Dichloroethene	mg/kg	.05	0.0505	101.	53-136	WG423787
1,2,3-Trichlorobenzene	mg/kg	.05	0.0459	91.9	62-146	WG423787
1,2,4-Trichlorobenzene	mg/kg	.05	0.0452	90.4	61-148	WG423787
1,2-Dibromo-3-Chloropropane	mg/kg	.05	0.0481	96.1	61-134	WG423787
1,2-Dibromoethane	mg/kg	.05	0.0482	96.4	76-127	WG423787
1,2-Dichlorobenzene	mg/kg	.05	0.0462	92.4	77-123	WG423787
1,2-Dichloroethane	mg/kg	.05	0.0448	89.5	58-141	WG423787
1,2-Dichloropropane	mg/kg	.05	0.0500	100.	71-128	WG423787
1,3-Dichlorobenzene	mg/kg	.05	0.0496	99.3	71-132	WG423787
1,4-Dichlorobenzene	mg/kg	.05	0.0441	88.3	72-123	WG423787
2-Butanone (MEK)	mg/kg	.25	0.204	81.7	51-131	WG423787

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Est. 1970

SLR International Corp. - West Linn, OR
Chris Kramer
1800 Blankenship Road, Suite 440
West Linn, OR 97068

Quality Assurance Report Level II

L403980

June 29, 2009

Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
2-Hexanone	mg/kg	.25	0.249	99.6	62-145	WG423787
4-Methyl-2-pentanone (MIBK)	mg/kg	.25	0.236	94.4	61-143	WG423787
Acetone	mg/kg	.25	0.248	99.4	44-140	WG423787
Benzene	mg/kg	.05	0.0472	94.4	65-128	WG423787
Bromochloromethane	mg/kg	.05	0.0510	102.	73-130	WG423787
Bromodichloromethane	mg/kg	.05	0.0486	97.2	66-126	WG423787
Bromoform	mg/kg	.05	0.0517	103.	64-139	WG423787
Bromomethane	mg/kg	.05	0.0502	100.	41-175	WG423787
Carbon disulfide	mg/kg	.05	0.0397	79.5	36-161	WG423787
Carbon tetrachloride	mg/kg	.05	0.0466	93.2	60-140	WG423787
Chlorobenzene	mg/kg	.05	0.0492	98.3	75-125	WG423787
Chlorodibromomethane	mg/kg	.05	0.0496	99.3	72-137	WG423787
Chloroethane	mg/kg	.05	0.0517	103.	44-159	WG423787
Chloroform	mg/kg	.05	0.0453	90.6	63-123	WG423787
Chloromethane	mg/kg	.05	0.0500	100.	42-149	WG423787
cis-1,2-Dichloroethene	mg/kg	.05	0.0495	99.0	71-129	WG423787
cis-1,3-Dichloropropene	mg/kg	.05	0.0468	93.7	73-132	WG423787
Dichlorodifluoromethane	mg/kg	.05	0.0585	117.	26-186	WG423787
Ethylbenzene	mg/kg	.05	0.0494	98.9	74-128	WG423787
Isopropylbenzene	mg/kg	.05	0.0505	101.	73-130	WG423787
Methyl tert-butyl ether	mg/kg	.05	0.0457	91.3	44-148	WG423787
Methylene Chloride	mg/kg	.05	0.0466	93.2	57-129	WG423787
Styrene	mg/kg	.05	0.0509	102.	76-133	WG423787
Tetrachloroethene	mg/kg	.05	0.0488	97.6	65-135	WG423787
Toluene	mg/kg	.05	0.0446	89.2	70-120	WG423787
trans-1,2-Dichloroethene	mg/kg	.05	0.0498	99.6	61-133	WG423787
trans-1,3-Dichloropropene	mg/kg	.05	0.0456	91.2	70-135	WG423787
Trichloroethene	mg/kg	.05	0.0496	99.3	71-126	WG423787
Trichlorofluoromethane	mg/kg	.05	0.0483	96.6	52-147	WG423787
Vinyl chloride	mg/kg	.05	0.0491	98.2	50-151	WG423787
4-Bromofluorobenzene				102.3	59-140	WG423787
Dibromofluoromethane				97.37	63-139	WG423787
Toluene-d8				98.08	84-116	WG423787
1,2,4,5-Tetrachlorobenzene	ppm	.333	0.277	83.2	51-112	WG423526
2,4,5-Trichlorophenol	ppm	.333	0.247	74.1	53-110	WG423526
2,4,6-Trichlorophenol	ppm	.333	0.249	74.7	56-109	WG423526
2,4-Dichlorophenol	ppm	.333	0.253	76.1	54-107	WG423526
2,4-Dimethylphenol	ppm	.333	0.432	130.*	58-119	WG423526
2,4-Dinitrophenol	ppm	.333	0.248	74.3	16-130	WG423526
2,4-Dinitrotoluene	ppm	.333	0.269	80.9	53-120	WG423526
2,6-Dinitrotoluene	ppm	.333	0.270	81.0	56-113	WG423526
2-Chloronaphthalene	ppm	.333	0.248	74.4	55-103	WG423526
2-Chlorophenol	ppm	.333	0.247	74.2	52-108	WG423526
2-Methylnaphthalene	ppm	.333	0.273	82.1	52-107	WG423526
2-Methylphenol	ppm	.333	0.287	86.1	58-116	WG423526
2-Nitroaniline	ppm	.333	0.248	74.3	54-116	WG423526
2-Nitrophenol	ppm	.333	0.275	82.5	38-110	WG423526
3&4-Methyl Phenol	ppm	.333	0.322	96.8	60-136	WG423526
3,3-Dichlorobenzidine	ppm	.333	0.238	71.4	24-123	WG423526
3-Nitroaniline	ppm	.333	0.246	73.8	17-135	WG423526
4,6-Dinitro-2-methylphenol	ppm	.333	0.234	70.4	34-111	WG423526
4-Bromophenyl-phenylether	ppm	.333	0.220	66.1	47-98	WG423526
4-Chloro-3-methylphenol	ppm	.333	0.278	83.4	54-116	WG423526
4-Chloroaniline	ppm	.333	0.289	86.8	18-130	WG423526
4-Chlorophenyl-phenylether	ppm	.333	0.249	74.8	55-106	WG423526
4-Nitroaniline	ppm	.333	0.257	77.1	16-133	WG423526
4-Nitrophenol	ppm	.333	0.261	78.5	34-123	WG423526

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Quality Assurance Report
Level II

L403980

June 29, 2009

Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
Acenaphthene	ppm	.333	0.269	80.7	54-102	WG423526
Acenaphthylene	ppm	.333	0.271	81.4	56-104	WG423526
Acetophenone	ppm	.333	0.258	77.5	42-92	WG423526
Anthracene	ppm	.333	0.288	86.6	57-112	WG423526
Atrazine	ppm	.333	0.292	87.6	40-143	WG423526
Benzaldehyde	ppm	.333	0.0869	26.1	0-69	WG423526
Benzo(a)anthracene	ppm	.333	0.293	88.1	55-105	WG423526
Benzo(a)pyrene	ppm	.333	0.269	80.7	59-114	WG423526
Benzo(b)fluoranthene	ppm	.333	0.234	70.4	44-116	WG423526
Benzo(g,h,i)perylene	ppm	.333	0.271	81.5	41-127	WG423526
Benzo(k)fluoranthene	ppm	.333	0.306	91.9	36-119	WG423526
Benzylbutyl phthalate	ppm	.333	0.295	88.4	57-130	WG423526
Biphenyl	ppm	.333	0.238	71.5	54-103	WG423526
Bis(2-chlorethoxy)methane	ppm	.333	0.250	75.2	52-107	WG423526
Bis(2-chloroethyl)ether	ppm	.333	0.232	69.6	38-115	WG423526
Bis(2-chloroisopropyl)ether	ppm	.333	0.253	76.0	49-106	WG423526
Bis(2-ethylhexyl)phthalate	ppm	.333	0.292	87.6	50-130	WG423526
Caprolactam	ppm	.333	0.292	87.7	43-131	WG423526
Carbazole	ppm	.333	0.269	80.7	42-120	WG423526
Chrysene	ppm	.333	0.266	80.0	54-103	WG423526
Di-n-butyl phthalate	ppm	.333	0.283	85.1	56-121	WG423526
Di-n-octyl phthalate	ppm	.333	0.281	84.4	50-128	WG423526
Dibenz(a,h)anthracene	ppm	.333	0.263	79.1	42-128	WG423526
Dibenzofuran	ppm	.333	0.262	78.8	56-111	WG423526
Diethyl phthalate	ppm	.333	0.251	75.3	57-110	WG423526
Dimethyl phthalate	ppm	.333	0.244	73.2	57-108	WG423526
Fluoranthene	ppm	.333	0.285	85.5	51-109	WG423526
Fluorene	ppm	.333	0.275	82.6	53-106	WG423526
Hexachloro-1,3-butadiene	ppm	.333	0.267	80.1	46-110	WG423526
Hexachlorobenzene	ppm	.333	0.254	76.1	51-117	WG423526
Hexachlorocyclopentadiene	ppm	.333	0.267	80.1	21-127	WG423526
Hexachloroethane	ppm	.333	0.236	70.8	43-104	WG423526
Indeno(1,2,3-cd)pyrene	ppm	.333	0.262	78.6	42-127	WG423526
Isophorone	ppm	.333	0.259	77.8	56-116	WG423526
n-Nitrosodi-n-propylamine	ppm	.333	0.239	71.7	54-113	WG423526
n-Nitrosodiphenylamine	ppm	.333	0.257	77.2	66-126	WG423526
Naphthalene	ppm	.333	0.249	74.9	46-97	WG423526
Nitrobenzene	ppm	.333	0.246	73.8	46-102	WG423526
Pentachlorophenol	ppm	.333	0.261	78.4	37-118	WG423526
Phenanthrene	ppm	.333	0.271	81.3	56-102	WG423526
Phenol	ppm	.333	0.269	80.7	55-115	WG423526
Pyrene	ppm	.333	0.281	84.4	53-111	WG423526
2,4,6-Tribromophenol				77.09	25-137	WG423526
2-Fluorobiphenyl				71.07	30-120	WG423526
2-Fluorophenol				77.89	26-130	WG423526
Nitrobenzene-d5				75.87	18-119	WG423526
Phenol-d5				78.27	37-141	WG423526
p-Terphenyl-d14				86.70	23-143	WG423526
Diesel Range Organics (DRO)	mg/l	.75	0.592	79.0	50-150	WG423739
Residual Range Organics (RRO)	mg/l	.75	0.569	75.8*	0-0	WG423739
o-Terphenyl				85.33	50-150	WG423739
1,1,1-Trichloroethane	mg/l	.025	0.0236	94.2	67-137	WG423629
1,1,2,2-Tetrachloroethane	mg/l	.025	0.0184	73.7	72-128	WG423629
1,1,2-Trichloroethane	mg/l	.025	0.0199	79.7	79-123	WG423629
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	.025	0.0206	82.3	51-149	WG423629

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Quality Assurance Report
Level II

L403980

June 29, 2009

Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
1,1-Dichloroethane	mg/l	.025	0.0238	95.4	67-133	WG423629
1,1-Dichloroethene	mg/l	.025	0.0241	96.4	60-130	WG423629
1,2,3-Trichlorobenzene	mg/l	.025	0.0207	82.8	63-138	WG423629
1,2,4-Trichlorobenzene	mg/l	.025	0.0218	87.3	65-137	WG423629
1,2-Dibromo-3-Chloropropane	mg/l	.025	0.0189	75.7	55-134	WG423629
1,2-Dibromoethane	mg/l	.025	0.0187	74.7*	75-126	WG423629
1,2-Dichlorobenzene	mg/l	.025	0.0231	92.2	75-122	WG423629
1,2-Dichloroethane	mg/l	.025	0.0204	81.7	63-137	WG423629
1,2-Dichloropropane	mg/l	.025	0.0220	87.9	74-122	WG423629
1,3-Dichlorobenzene	mg/l	.025	0.0228	91.2	73-131	WG423629
1,4-Dichlorobenzene	mg/l	.025	0.0234	93.7	70-121	WG423629
2-Butanone (MEK)	mg/l	.125	0.0913	73.0	53-132	WG423629
2-Hexanone	mg/l	.125	0.0916	73.3	56-147	WG423629
4-Methyl-2-pentanone (MIBK)	mg/l	.125	0.0967	77.4	60-142	WG423629
Acetone	mg/l	.125	0.106	84.9	48-134	WG423629
Benzene	mg/l	.025	0.0235	93.9	67-126	WG423629
Bromochloromethane	mg/l	.025	0.0216	86.5	75-128	WG423629
Bromodichloromethane	mg/l	.025	0.0224	89.5	68-133	WG423629
Bromoform	mg/l	.025	0.0207	82.9	60-139	WG423629
Bromomethane	mg/l	.025	0.0246	98.5	45-175	WG423629
Carbon disulfide	mg/l	.025	0.0242	96.9	41-148	WG423629
Carbon tetrachloride	mg/l	.025	0.0234	93.5	64-141	WG423629
Chlorobenzene	mg/l	.025	0.0230	91.9	77-125	WG423629
Chlorodibromomethane	mg/l	.025	0.0218	87.2	73-138	WG423629
Chloroethane	mg/l	.025	0.0247	98.7	49-155	WG423629
Chloroform	mg/l	.025	0.0216	86.4	66-126	WG423629
Chloromethane	mg/l	.025	0.0243	97.4	45-152	WG423629
cis-1,2-Dichloroethene	mg/l	.025	0.0237	94.7	72-128	WG423629
cis-1,3-Dichloropropene	mg/l	.025	0.0215	86.0	73-131	WG423629
Dichlorodifluoromethane	mg/l	.025	0.0246	98.3	39-189	WG423629
Ethylbenzene	mg/l	.025	0.0240	96.1	76-129	WG423629
Isopropylbenzene	mg/l	.025	0.0243	97.4	73-132	WG423629
Methyl tert-butyl ether	mg/l	.025	0.0211	84.3	51-142	WG423629
Methylene Chloride	mg/l	.025	0.0228	91.2	64-125	WG423629
Styrene	mg/l	.025	0.0229	91.4	78-130	WG423629
Tetrachloroethene	mg/l	.025	0.0243	97.4	67-135	WG423629
Toluene	mg/l	.025	0.0228	91.1	72-122	WG423629
trans-1,2-Dichloroethene	mg/l	.025	0.0241	96.5	67-129	WG423629
trans-1,3-Dichloropropene	mg/l	.025	0.0196	78.3	66-137	WG423629
Trichloroethene	mg/l	.025	0.0237	94.9	74-126	WG423629
Trichlorofluoromethane	mg/l	.025	0.0244	97.5	54-156	WG423629
Vinyl chloride	mg/l	.025	0.0239	95.5	55-153	WG423629
4-Bromofluorobenzene				92.07	75-128	WG423629
Dibromofluoromethane				100.3	79-125	WG423629
Toluene-d8				99.01	87-114	WG423629
Beryllium, Dissolved	mg/l	1.13	0.982	86.9	85-115	WG423363
Cadmium, Dissolved	mg/l	1.13	1.05	92.9	85-115	WG423363
Chromium, Dissolved	mg/l	1.13	1.04	92.0	85-115	WG423363
Copper, Dissolved	mg/l	1.13	1.04	92.0	85-115	WG423363
Lead, Dissolved	mg/l	1.13	1.09	96.5	85-115	WG423363
Nickel, Dissolved	mg/l	1.13	1.06	93.8	85-115	WG423363
Selenium, Dissolved	mg/l	1.13	1.01	89.4	85-115	WG423363
Silver, Dissolved	mg/l	1.13	1.03	91.2	85-115	WG423363
Zinc, Dissolved	mg/l	1.13	1.02	90.3	85-115	WG423363
PCB 1260	mg/l	.0005	0.000348	69.7	46-126	WG423854

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Quality Assurance Report Level II

L403980

June 29, 2009

Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
Decachlorobiphenyl				72.26	10-122.6	
Tetrachloro-m-xylene				60.70	15.3-114.2	
Antimony	mg/kg	85.1	39.1	45.9	1.2-242.1	WG423454
Arsenic	mg/kg	192	182.	94.8	78.6-120.8	WG423454
Beryllium	mg/kg	69.3	68.9	99.4	79.8-120.1	WG423454
Cadmium	mg/kg	70.1	67.2	95.9	78.5-121.5	WG423454
Chromium	mg/kg	168	171.	102.	80.4-120.2	WG423454
Copper	mg/kg	122	128.	105.	81.6-119.7	WG423454
Lead	mg/kg	113	106.	93.8	77.3-122.1	WG423454
Nickel	mg/kg	74.1	76.2	103.	78.8-121.2	WG423454
Selenium	mg/kg	176	170.	96.6	75.6-125.0	WG423454
Silver	mg/kg	115	101.	87.8	66-133.9	WG423454
Thallium	mg/kg	111	100.	90.1	77.6-122.5	WG423454
Zinc	mg/kg	437	427.	97.7	78.5-121.7	WG423454
1,2,4,5-Tetrachlorobenzene	ppm	.01	0.00745	74.5	39-116	WG424340
2,4,5-Trichlorophenol	ppm	.01	0.00740	74.0	48-120	WG424340
2,4,6-Trichlorophenol	ppm	.01	0.00736	73.6	49-118	WG424340
2,4-Dichlorophenol	ppm	.01	0.00697	69.7	46-115	WG424340
2,4-Dimethylphenol	ppm	.01	0.0102	102.	40-124	WG424340
2,4-Dinitrophenol	ppm	.01	0.00442	44.2	10-125	WG424340
2,4-Dinitrotoluene	ppm	.01	0.00786	78.6	56-128	WG424340
2,6-Dinitrotoluene	ppm	.01	0.00730	73.0	56-121	WG424340
2-Chloronaphthalene	ppm	.01	0.00696	69.6	44-110	WG424340
2-Chlorophenol	ppm	.01	0.00571	57.1	38-114	WG424340
2-Methylnaphthalene	ppm	.01	0.00717	71.7	28-122	WG424340
2-Methylphenol	ppm	.01	0.00569	56.9	42-99	WG424340
2-Nitroaniline	ppm	.01	0.00738	73.8	55-124	WG424340
2-Nitrophenol	ppm	.01	0.00706	70.6	35-118	WG424340
3&4-methyl phenol	ppm	.01	0.00558	55.8	36-102	WG424340
3,3-Dichlorobenzidine	ppm	.01	0.00819	81.9	46-145	WG424340
3-Nitroaniline	ppm	.01	0.00702	70.2	39-141	WG424340
4,6-Dinitro-2-methylphenol	ppm	.01	0.00676	67.6	24-119	WG424340
4-Bromophenyl-phenylether	ppm	.01	0.00643	64.3	45-105	WG424340
4-Chloro-3-methylphenol	ppm	.01	0.00629	62.9	47-116	WG424340
4-Chloroaniline	ppm	.01	0.00666	66.6	21-151	WG424340
4-Chlorophenyl-phenylether	ppm	.01	0.00741	74.1	49-116	WG424340
4-Nitroaniline	ppm	.01	0.00765	76.5	43-144	WG424340
4-Nitrophenol	ppm	.01	0.00173	17.3	10-66	WG424340
Acenaphthene	ppm	.01	0.00733	73.3	48-110	WG424340
Acenaphthylene	ppm	.01	0.00743	74.3	48-113	WG424340
Acetophenone	ppm	.01	0.00581	58.1	35-98	WG424340
Anthracene	ppm	.01	0.00824	82.4	55-127	WG424340
Atrazine	ppm	.01	0.00909	90.9	43-159	WG424340
Benzaldehyde	ppm	.01	0.00225	22.5	1-78	WG424340
Benzo(a)anthracene	ppm	.01	0.00797	79.7	57-115	WG424340
Benzo(a)pyrene	ppm	.01	0.00830	83.0	63-125	WG424340
Benzo(b)fluoranthene	ppm	.01	0.00848	84.8	50-123	WG424340
Benzo(g,h,i)perylene	ppm	.01	0.0101	101.	39-143	WG424340
Benzo(k)fluoranthene	ppm	.01	0.00679	67.9	45-126	WG424340
Benzylbutyl phthalate	ppm	.01	0.00380	38.0	22-154	WG424340
Biphenyl	ppm	.01	0.00685	68.5	45-111	WG424340
Bis(2-chlorethoxy)methane	ppm	.01	0.00658	65.8	42-116	WG424340
Bis(2-chloroethyl)ether	ppm	.01	0.00587	58.7	26-115	WG424340
Bis(2-chloroisopropyl)ether	ppm	.01	0.00570	57.0	32-115	WG424340
Bis(2-ethylhexyl)phthalate	ppm	.01	0.00791	79.1	47-143	WG424340
Caprolactam	ppm	.01	0.00153	15.3	11-33	WG424340
Carbazole	ppm	.01	0.00734	73.4	49-133	WG424340

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Est. 1970

SLR International Corp. - West Linn, OR
Chris Kramer
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West Linn, OR 97068

Quality Assurance Report
Level II

L403980

June 29, 2009

Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
Chrysene	ppm	.01	0.00801	80.1	58-113	WG424340
Di-n-butyl phthalate	ppm	.01	0.00611	61.1	51-131	WG424340
Di-n-octyl phthalate	ppm	.01	0.00766	76.6	51-138	WG424340
Dibenz(a,h)anthracene	ppm	.01	0.00970	97.0	39-144	WG424340
Dibenzofuran	ppm	.01	0.00720	72.0	50-121	WG424340
Diethyl phthalate	ppm	.01	0.00478	47.8	36-128	WG424340
Dimethyl phthalate	ppm	.01	0.00230	23.0	10-135	WG424340
Fluoranthene	ppm	.01	0.00816	81.6	53-119	WG424340
Fluorene	ppm	.01	0.00777	77.7	49-116	WG424340
Hexachloro-1,3-butadiene	ppm	.01	0.00685	68.5	21-116	WG424340
Hexachlorobenzene	ppm	.01	0.00753	75.3	51-121	WG424340
Hexachlorocyclopentadiene	ppm	.01	0.00455	45.5	4-126	WG424340
Hexachloroethane	ppm	.01	0.00477	47.7	15-109	WG424340
Indeno(1,2,3-cd)pyrene	ppm	.01	0.00953	95.3	40-143	WG424340
Isophorone	ppm	.01	0.00644	64.4	48-126	WG424340
n-Nitrosodi-n-propylamine	ppm	.01	0.00607	60.7	47-122	WG424340
n-Nitrosodiphenylamine	ppm	.01	0.00683	68.3	59-143	WG424340
Naphthalene	ppm	.01	0.00651	65.1	29-103	WG424340
Nitrobenzene	ppm	.01	0.00569	56.9	31-105	WG424340
Pentachlorophenol	ppm	.01	0.00535	53.5	20-122	WG424340
Phenanthrene	ppm	.01	0.00759	75.9	54-112	WG424340
Phenol	ppm	.01	0.00279	27.9	17-52	WG424340
Pyrene	ppm	.01	0.00779	77.9	46-130	WG424340
2,4,6-Tribromophenol				84.72	10-148	WG424340
2-Fluorobiphenyl				71.63	26-122	WG424340
2-Fluorophenol				34.68	10-87	WG424340
Nitrobenzene-d5				52.09	12-120	WG424340
Phenol-d5				21.41	10-67	WG424340
p-Terphenyl-d14				96.77	34-149	WG424340
Beryllium	mg/l	1.13	1.08	95.6	85-115	WG424232
Cadmium	mg/l	1.13	1.10	97.3	85-115	WG424232
Chromium	mg/l	1.13	1.08	95.6	85-115	WG424232
Copper	mg/l	1.13	1.10	97.3	85-115	WG424232
Lead	mg/l	1.13	1.15	102.	85-115	WG424232
Nickel	mg/l	1.13	1.12	99.1	85-115	WG424232
Selenium	mg/l	1.13	1.10	97.3	85-115	WG424232
Silver	mg/l	1.13	1.11	98.2	85-115	WG424232
Zinc	mg/l	1.13	1.07	94.7	85-115	WG424232
Mercury	mg/l	.003	0.00338	113.	85-115	WG424233
Lead	mg/kg	113	114.	101.	77.3-122.1	WG424566
Antimony,Dissolved	mg/l	.0567	0.0515	90.8	85-115	WG423775
Arsenic,Dissolved	mg/l	.0567	0.0517	91.2	85-115	WG423775
Thallium,Dissolved	mg/l	.0567	0.0507	89.4	85-115	WG423775
Diesel Range Organics (DRO)	mg/kg	30	25.5	85.0	60-140	WG424943
Residual Range Organics (RRO)	mg/kg	30	24.9	82.9*	0-0	WG424943
o-Terphenyl				86.82	50-150	WG424943
Antimony	mg/l	.0567	0.0556	98.1	85-115	WG424398

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Level II

June 29, 2009

L403980

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		Known Val	Result			
Arsenic	mg/l	.0567	0.0525	92.6	85-115	WG424398
Thallium	mg/l	.0567	0.0554	97.7	85-115	WG424398
Mercury	mg/l	.003	0.00311	104.	85-115	WG426094
Mercury,Dissolved	mg/l	.003	0.00291	97.0	85-115	WG426098
Beryllium	mg/l	1.13	1.08	95.6	85-115	WG426343
Cadmium	mg/l	1.13	1.13	100.	85-115	WG426343
Chromium	mg/l	1.13	1.07	94.7	85-115	WG426343
Copper	mg/l	1.13	1.13	100.	85-115	WG426343
Lead	mg/l	1.13	1.10	97.3	85-115	WG426343
Nickel	mg/l	1.13	1.10	97.3	85-115	WG426343
Selenium	mg/l	1.13	1.03	91.2	85-115	WG426343
Silver	mg/l	1.13	1.09	96.5	85-115	WG426343
Zinc	mg/l	1.13	1.09	96.5	85-115	WG426343
Antimony	mg/l	.0567	0.0577	102.	85-115	WG426269
Arsenic	mg/l	.0567	0.0547	96.5	85-115	WG426269
Thallium	mg/l	.0567	0.0573	101.	85-115	WG426269
Antimony,Dissolved	mg/l	.0567	0.0577	102.	85-115	WG426484
Arsenic,Dissolved	mg/l	.0567	0.0555	97.9	85-115	WG426484
Thallium,Dissolved	mg/l	.0567	0.0619	109.	85-115	WG426484

Analyte	Units	Laboratory Control Sample Duplicate			Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
PCB 1260	mg/kg	0.133	0.142	79.0	62-131	6.90	22	WG423182
Decachlorobiphenyl				81.37	18.9-115.8			WG423182
Tetrachloro-m-xylene				103.5	31.8-115.7			WG423182
Diesel (C7-C26)	mg/l	0.559	0.624	75.0	50-150	10.9	20	WG422935
Motor Oil (C16-C40)	mg/l	0.481	0.556	64.0	50-150	14.6	25	WG422935
o-Terphenyl				85.65	50-150			WG422935
Diesel (C7-C26)	mg/kg	24.8	23.6	83.0	50-150	5.02	20	WG423285
Motor Oil (C16-C40)	mg/kg	23.1	22.8	77.0	50-150	1.24	25	WG423285
o-Terphenyl				90.89	50-150			WG423285
1,1,1-Trichloroethane	mg/kg	0.0503	0.0528	101.	62-135	4.95	20	WG423335
1,1,2,2-Tetrachloroethane	mg/kg	0.0430	0.0443	86.0	74-129	2.78	20	WG423335
1,1,2-Trichloroethane	mg/kg	0.0428	0.0434	86.0	77-124	1.40	20	WG423335
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0383	0.0394	77.0	49-155	2.82	20	WG423335
1,1-Dichloroethane	mg/kg	0.0539	0.0559	108.	61-134	3.70	20	WG423335
1,1-Dichloroethene	mg/kg	0.0431	0.0442	86.0	53-136	2.41	20	WG423335
1,2,3-Trichlorobenzene	mg/kg	0.0456	0.0460	91.0	62-146	0.889	20	WG423335
1,2,4-Trichlorobenzene	mg/kg	0.0485	0.0506	97.0	61-148	4.36	20	WG423335
1,2-Dibromo-3-Chloropropane	mg/kg	0.0430	0.0440	86.0	61-134	2.38	21	WG423335
1,2-Dibromoethane	mg/kg	0.0462	0.0466	92.0	76-127	0.859	20	WG423335
1,2-Dichlorobenzene	mg/kg	0.0468	0.0484	94.0	77-123	3.35	20	WG423335

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West Linn, OR 97068

L403980

June 29, 2009

Analyte	Units	Laboratory Control Sample Duplicate			Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
1,2-Dichloroethane	mg/kg	0.0552	0.0578	110.	58-141	4.66	20	WG423335
1,2-Dichloropropane	mg/kg	0.0523	0.0515	105.	71-128	1.51	20	WG423335
1,3-Dichlorobenzene	mg/kg	0.0459	0.0474	92.0	71-132	3.14	20	WG423335
1,4-Dichlorobenzene	mg/kg	0.0466	0.0475	93.0	72-123	2.02	20	WG423335
2-Butanone (MEK)	mg/kg	0.229	0.235	92.0	51-131	2.48	25	WG423335
2-Hexanone	mg/kg	0.225	0.225	90.0	62-145	0.258	23	WG423335
4-Methyl-2-pentanone (MIBK)	mg/kg	0.237	0.238	95.0	61-143	0.512	23	WG423335
Acetone	mg/kg	0.244	0.255	98.0	44-140	4.35	25	WG423335
Benzene	mg/kg	0.0509	0.0528	102.	65-128	3.48	20	WG423335
Bromochloromethane	mg/kg	0.0522	0.0531	104.	73-130	1.71	20	WG423335
Bromodichloromethane	mg/kg	0.0450	0.0460	90.0	66-126	2.31	20	WG423335
Bromoform	mg/kg	0.0422	0.0423	84.0	64-139	0.239	20	WG423335
Bromomethane	mg/kg	0.0453	0.0470	91.0	41-175	3.54	20	WG423335
Carbon disulfide	mg/kg	0.0413	0.0420	83.0	36-161	1.68	20	WG423335
Carbon tetrachloride	mg/kg	0.0528	0.0536	106.	60-140	1.53	20	WG423335
Chlorobenzene	mg/kg	0.0444	0.0454	89.0	75-125	2.14	20	WG423335
Chlorodibromomethane	mg/kg	0.0424	0.0435	85.0	72-137	2.58	20	WG423335
Chloroethane	mg/kg	0.0495	0.0509	99.0	44-159	2.70	20	WG423335
Chloroform	mg/kg	0.0539	0.0555	108.	63-123	2.91	20	WG423335
Chloromethane	mg/kg	0.0517	0.0531	103.	42-149	2.65	20	WG423335
cis-1,2-Dichloroethene	mg/kg	0.0490	0.0506	98.0	71-129	3.26	20	WG423335
cis-1,3-Dichloropropene	mg/kg	0.0526	0.0533	105.	73-132	1.44	20	WG423335
Dichlorodifluoromethane	mg/kg	0.0473	0.0494	95.0	26-186	4.45	22	WG423335
Ethylbenzene	mg/kg	0.0458	0.0465	92.0	74-128	1.43	20	WG423335
Isopropylbenzene	mg/kg	0.0452	0.0461	90.0	73-130	1.87	20	WG423335
Methyl tert-butyl ether	mg/kg	0.0451	0.0462	90.0	44-148	2.48	20	WG423335
Methylene Chloride	mg/kg	0.0459	0.0477	92.0	57-129	3.88	20	WG423335
Styrene	mg/kg	0.0458	0.0470	92.0	76-133	2.54	20	WG423335
Tetrachloroethene	mg/kg	0.0435	0.0427	87.0	65-135	1.77	20	WG423335
Toluene	mg/kg	0.0486	0.0487	97.0	70-120	0.191	20	WG423335
trans-1,2-Dichloroethene	mg/kg	0.0494	0.0505	99.0	61-133	2.24	20	WG423335
trans-1,3-Dichloropropene	mg/kg	0.0511	0.0520	102.	70-135	1.86	20	WG423335
Trichloroethene	mg/kg	0.0485	0.0486	97.0	71-126	0.322	20	WG423335
Trichlorofluoromethane	mg/kg	0.0492	0.0499	98.0	52-147	1.42	20	WG423335
Vinyl chloride	mg/kg	0.0556	0.0576	111.	50-151	3.51	20	WG423335
4-Bromofluorobenzene				95.24	59-140			WG423335
Dibromofluoromethane				100.8	63-139			WG423335
Toluene-d8				104.5	84-116			WG423335
1-Methylnaphthalene	ppm	0.000792	0.000752	79.0	30-123	5.09	32	WG423294
2-Chloronaphthalene	ppm	0.000812	0.000731	81.0	34-120	10.5	30	WG423294
2-Methylnaphthalene	ppm	0.000803	0.000737	80.0	29-116	8.64	31	WG423294
Acenaphthene	ppm	0.000839	0.000762	84.0	40-113	9.59	25	WG423294
Acenaphthylene	ppm	0.000844	0.000786	84.0	36-115	7.12	25	WG423294
Anthracene	ppm	0.000888	0.000791	89.0	45-118	11.5	26	WG423294
Benzo(a)anthracene	ppm	0.000785	0.000749	78.0	36-129	4.59	26	WG423294
Benzo(a)pyrene	ppm	0.000848	0.000810	85.0	44-124	4.57	21	WG423294
Benzo(b)fluoranthene	ppm	0.000856	0.000739	86.0	43-126	14.6	38	WG423294
Benzo(g,h,i)perylene	ppm	0.000833	0.000799	83.0	39-128	4.16	20	WG423294
Benzo(k)fluoranthene	ppm	0.000846	0.000875	85.0	44-127	3.45	39	WG423294
Chrysene	ppm	0.000789	0.000725	79.0	36-137	8.49	22	WG423294
Dibenz(a,h)anthracene	ppm	0.000830	0.000788	83.0	39-129	5.13	20	WG423294
Fluoranthene	ppm	0.000883	0.000783	88.0	45-123	11.9	25	WG423294
Fluorene	ppm	0.000852	0.000781	85.0	41-118	8.66	26	WG423294
Indeno(1,2,3-cd)pyrene	ppm	0.000845	0.000813	85.0	39-129	3.92	20	WG423294
Naphthalene	ppm	0.000769	0.000725	77.0	26-111	5.82	32	WG423294
Phenanthrene	ppm	0.000899	0.000757	90.0	41-116	17.2	25	WG423294
Pyrene	ppm	0.000782	0.000730	78.0	32-136	6.77	22	WG423294

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June 29, 2009

Analyte	Units	Laboratory Control		Sample Duplicate		Limit	RPD	Limit	Batch
		Result	Ref	%Rec					
2-Fluorobiphenyl				76.49		26-122			
Nitrobenzene-d5				77.02		12-120			
p-Terphenyl-d14				83.21		34-149			
1-Methylnaphthalene	ppm	0.0235	0.0234	71.0		41-110	0.538	24	WG423440
2-Chloronaphthalene	ppm	0.0236	0.0232	72.0		43-109	1.93	21	WG423440
2-Methylnaphthalene	ppm	0.0235	0.0224	71.0		38-104	4.70	24	WG423440
Acenaphthene	ppm	0.0256	0.0244	77.0		48-103	4.55	20	WG423440
Acenaphthylene	ppm	0.0268	0.0258	81.0		43-106	3.76	20	WG423440
Anthracene	ppm	0.0300	0.0275	91.0		51-110	8.88	22	WG423440
Benzo(a)anthracene	ppm	0.0282	0.0269	85.0		38-126	4.53	20	WG423440
Benzo(a)pyrene	ppm	0.0291	0.0279	88.0		47-118	4.38	20	WG423440
Benzo(b)fluoranthene	ppm	0.0269	0.0265	81.0		47-118	1.24	29	WG423440
Benzo(g,h,i)perylene	ppm	0.0290	0.0275	88.0		40-125	5.30	20	WG423440
Benzo(k)fluoranthene	ppm	0.0321	0.0299	97.0		45-121	7.34	31	WG423440
Chrysene	ppm	0.0267	0.0247	81.0		35-135	7.65	20	WG423440
Dibenz(a,h)anthracene	ppm	0.0288	0.0278	87.0		41-124	3.51	20	WG423440
Fluoranthene	ppm	0.0296	0.0277	90.0		50-114	6.66	20	WG423440
Fluorene	ppm	0.0268	0.0257	81.0		49-109	4.20	19	WG423440
Indeno(1,2,3-cd)pyrene	ppm	0.0292	0.0280	89.0		40-126	4.41	20	WG423440
Naphthalene	ppm	0.0239	0.0230	73.0		36-100	3.85	24	WG423440
Phenanthrene	ppm	0.0278	0.0268	84.0		46-108	3.57	21	WG423440
Pyrene	ppm	0.0279	0.0257	85.0		30-136	8.06	20	WG423440
2-Fluorobiphenyl				73.91		30-120			WG423440
Nitrobenzene-d5				71.07		18-119			WG423440
p-Terphenyl-d14				86.60		23-143			WG423440
Diesel (C7-C26)	mg/l	0.609	0.586	81.0		50-150	3.93	20	WG423626
Motor Oil (C16-C40)	mg/l	0.664	0.697	89.0		50-150	4.75	25	WG423626
o-Terphenyl				87.22		50-150			WG423626
PCB 1260	mg/kg	0.174	0.180	104.		62-131	3.00	22	WG423525
Decachlorobiphenyl				112.4		18.9-115.8			WG423525
Tetrachloro-m-xylene				106.2		31.8-115.7			WG423525
1,1,1-Trichloroethane	mg/kg	0.0439	0.0456	88.0		62-135	3.80	20	WG423787
1,1,2,2-Tetrachloroethane	mg/kg	0.0470	0.0480	94.0		74-129	2.19	20	WG423787
1,1,2-Trichloroethane	mg/kg	0.0491	0.0490	98.0		77-124	0.156	20	WG423787
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0441	0.0482	88.0		49-155	8.92	20	WG423787
1,1-Dichloroethane	mg/kg	0.0454	0.0477	91.0		61-134	5.02	20	WG423787
1,1-Dichloroethene	mg/kg	0.0467	0.0505	93.0		53-136	7.84	20	WG423787
1,2,3-Trichlorobenzene	mg/kg	0.0460	0.0459	92.0		62-146	0.145	20	WG423787
1,2,4-Trichlorobenzene	mg/kg	0.0457	0.0452	91.0		61-148	1.07	20	WG423787
1,2-Dibromo-3-Chloropropane	mg/kg	0.0518	0.0481	104.		61-134	7.50	21	WG423787
1,2-Dibromoethane	mg/kg	0.0484	0.0482	97.0		76-127	0.483	20	WG423787
1,2-Dichlorobenzene	mg/kg	0.0463	0.0462	93.0		77-123	0.276	20	WG423787
1,2-Dichloroethane	mg/kg	0.0438	0.0448	88.0		58-141	2.25	20	WG423787
1,2-Dichloropropane	mg/kg	0.0500	0.0500	100.		71-128	0.0425	20	WG423787
1,3-Dichlorobenzene	mg/kg	0.0478	0.0496	96.0		71-132	3.78	20	WG423787
1,4-Dichlorobenzene	mg/kg	0.0444	0.0441	89.0		72-123	0.509	20	WG423787
2-Butanone (MEK)	mg/kg	0.211	0.204	84.0		51-131	3.34	25	WG423787
2-Hexanone	mg/kg	0.248	0.249	99.0		62-145	0.284	23	WG423787
4-Methyl-2-pentanone (MIBK)	mg/kg	0.250	0.236	100.		61-143	5.61	23	WG423787
Acetone	mg/kg	0.239	0.248	96.0		44-140	3.74	25	WG423787
Benzene	mg/kg	0.0458	0.0472	92.0		65-128	3.06	20	WG423787
Bromochloromethane	mg/kg	0.0506	0.0510	101.		73-130	0.848	20	WG423787
Bromodichloromethane	mg/kg	0.0481	0.0486	96.0		66-126	1.04	20	WG423787

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Est. 1970

SLR International Corp. - West Linn, OR
Chris Kramer
1800 Blankenship Road, Suite 440

Quality Assurance Report
Level II

West Linn, OR 97068

L403980

June 29, 2009

Analyte	Units	Laboratory Control Sample Duplicate			Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
Bromoform	mg/kg	0.0525	0.0517	105.	64-139	1.40	20	WG423787
Bromomethane	mg/kg	0.0484	0.0502	97.0	41-175	3.63	20	WG423787
Carbon disulfide	mg/kg	0.0367	0.0397	73.0	36-161	7.92	20	WG423787
Carbon tetrachloride	mg/kg	0.0447	0.0466	89.0	60-140	4.23	20	WG423787
Chlorobenzene	mg/kg	0.0482	0.0492	96.0	75-125	2.01	20	WG423787
Chlorodibromomethane	mg/kg	0.0506	0.0496	101.	72-137	1.82	20	WG423787
Chloroethane	mg/kg	0.0498	0.0517	100.	44-159	3.87	20	WG423787
Chloroform	mg/kg	0.0434	0.0453	87.0	63-123	4.40	20	WG423787
Chloromethane	mg/kg	0.0455	0.0500	91.0	42-149	9.52	20	WG423787
cis-1,2-Dichloroethene	mg/kg	0.0472	0.0495	94.0	71-129	4.79	20	WG423787
cis-1,3-Dichloropropene	mg/kg	0.0477	0.0468	95.0	73-132	1.80	20	WG423787
Dichlorodifluoromethane	mg/kg	0.0538	0.0585	108.	26-186	8.32	22	WG423787
Ethylbenzene	mg/kg	0.0478	0.0494	96.0	74-128	3.36	20	WG423787
Isopropylbenzene	mg/kg	0.0481	0.0505	96.0	73-130	4.86	20	WG423787
Methyl tert-butyl ether	mg/kg	0.0451	0.0457	90.0	44-148	1.16	20	WG423787
Methylene Chloride	mg/kg	0.0447	0.0466	89.0	57-129	4.19	20	WG423787
Styrene	mg/kg	0.0491	0.0509	98.0	76-133	3.69	20	WG423787
Tetrachloroethene	mg/kg	0.0484	0.0488	97.0	65-135	0.822	20	WG423787
Toluene	mg/kg	0.0463	0.0446	93.0	70-120	3.84	20	WG423787
trans-1,2-Dichloroethene	mg/kg	0.0472	0.0498	94.0	61-133	5.32	20	WG423787
trans-1,3-Dichloropropene	mg/kg	0.0476	0.0456	95.0	70-135	4.32	20	WG423787
Trichloroethene	mg/kg	0.0496	0.0496	99.0	71-126	0.126	20	WG423787
Trichlorofluoromethane	mg/kg	0.0458	0.0483	92.0	52-147	5.37	20	WG423787
Vinyl chloride	mg/kg	0.0456	0.0491	91.0	50-151	7.51	20	WG423787
4-Bromofluorobenzene				100.1	59-140			WG423787
Dibromofluoromethane				96.84	63-139			WG423787
Toluene-d8				102.2	84-116			WG423787
1,2,4,5-Tetrachlorobenzene	ppm	0.268	0.277	81.0	51-112	3.21	21	WG423526
2,4,5-Trichlorophenol	ppm	0.247	0.247	74.0	53-110	0.303	25	WG423526
2,4,6-Trichlorophenol	ppm	0.251	0.249	75.0	56-109	0.696	20	WG423526
2,4-Dichlorophenol	ppm	0.241	0.253	72.0	54-107	5.07	21	WG423526
2,4-Dimethylphenol	ppm	0.389	0.432	117.	58-119	10.5	23	WG423526
2,4-Dinitrophenol	ppm	0.215	0.248	65.0	16-130	13.9	45	WG423526
2,4-Dinitrotoluene	ppm	0.264	0.269	79.0	53-120	2.03	23	WG423526
2,6-Dinitrotoluene	ppm	0.257	0.270	77.0	56-113	4.92	22	WG423526
2-Chloronaphthalene	ppm	0.233	0.248	70.0	55-103	6.32	20	WG423526
2-Chlorophenol	ppm	0.237	0.247	71.0	52-108	4.01	24	WG423526
2-Methylnaphthalene	ppm	0.248	0.273	74.0	52-107	9.82	21	WG423526
2-Methylphenol	ppm	0.273	0.287	82.0	58-116	4.95	22	WG423526
2-Nitroaniline	ppm	0.250	0.248	75.0	54-116	0.883	24	WG423526
2-Nitrophenol	ppm	0.255	0.275	76.0	38-110	7.62	24	WG423526
3&4-Methyl Phenol	ppm	0.311	0.322	93.0	60-136	3.65	29	WG423526
3,3-Dichlorobenzidine	ppm	0.223	0.238	67.0	24-123	6.29	35	WG423526
3-Nitroaniline	ppm	0.221	0.246	66.0	17-135	10.8	33	WG423526
4,6-Dinitro-2-methylphenol	ppm	0.219	0.234	66.0	34-111	6.58	33	WG423526
4-Bromophenyl-phenylether	ppm	0.219	0.220	66.0	47-98	0.734	23	WG423526
4-Chloro-3-methylphenol	ppm	0.260	0.278	78.0	54-116	6.75	23	WG423526
4-Chloroaniline	ppm	0.264	0.289	79.0	18-130	9.14	31	WG423526
4-Chlorophenyl-phenylether	ppm	0.249	0.249	75.0	55-106	0.293	22	WG423526
4-Nitroaniline	ppm	0.249	0.257	75.0	16-133	3.19	37	WG423526
4-Nitrophenol	ppm	0.248	0.261	74.0	34-123	5.22	36	WG423526
Acenaphthene	ppm	0.257	0.269	77.0	54-102	4.34	20	WG423526
Acenaphthylene	ppm	0.256	0.271	77.0	56-104	5.89	20	WG423526
Acetophenone	ppm	0.244	0.258	73.0	42-92	5.71	22	WG423526
Anthracene	ppm	0.271	0.288	81.0	57-112	6.18	21	WG423526
Atrazine	ppm	0.284	0.292	85.0	40-143	2.70	25	WG423526
Benzaldehyde	ppm	0.0864	0.0869	26.0	0-69	0.576	32	WG423526

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Benzo(a)anthracene	ppm	0.261	0.293	78.0	55-105	11.6	21	WG423526
Benzo(a)pyrene	ppm	0.271	0.269	81.0	59-114	0.900	22	WG423526
Benzo(b)fluoranthene	ppm	0.273	0.234	82.0	44-116	15.1	33	WG423526
Benzo(g,h,i)perylene	ppm	0.258	0.271	78.0	41-127	4.90	29	WG423526
Benzo(k)fluoranthene	ppm	0.256	0.306	77.0	36-119	17.7	37	WG423526
Benzylbutyl phthalate	ppm	0.270	0.295	81.0	57-130	8.82	27	WG423526
Biphenyl	ppm	0.225	0.238	68.0	54-103	5.72	21	WG423526
Bis(2-chlorethoxy)methane	ppm	0.249	0.250	75.0	52-107	0.668	21	WG423526
Bis(2-chloroethyl)ether	ppm	0.234	0.232	70.0	38-115	0.743	28	WG423526
Bis(2-chloroisopropyl)ether	ppm	0.239	0.253	72.0	49-106	5.68	25	WG423526
Bis(2-ethylhexyl)phthalate	ppm	0.268	0.292	80.0	50-130	8.53	29	WG423526
Caprolactam	ppm	0.270	0.292	81.0	43-131	7.82	24	WG423526
Carbazole	ppm	0.246	0.269	74.0	42-120	8.84	26	WG423526
Chrysene	ppm	0.270	0.266	81.0	54-103	1.28	23	WG423526
Di-n-butyl phthalate	ppm	0.254	0.283	76.0	56-121	10.9	22	WG423526
Di-n-octyl phthalate	ppm	0.254	0.281	76.0	50-128	10.1	26	WG423526
Dibenz(a,h)anthracene	ppm	0.245	0.263	74.0	42-128	7.28	28	WG423526
Dibenzofuran	ppm	0.250	0.262	75.0	56-111	4.97	21	WG423526
Diethyl phthalate	ppm	0.244	0.251	73.0	57-110	2.75	20	WG423526
Dimethyl phthalate	ppm	0.232	0.244	70.0	57-108	5.22	20	WG423526
Fluoranthene	ppm	0.271	0.285	81.0	51-109	4.97	26	WG423526
Fluorene	ppm	0.252	0.275	76.0	53-106	8.88	20	WG423526
Hexachloro-1,3-butadiene	ppm	0.248	0.267	74.0	46-110	7.40	25	WG423526
Hexachlorobenzene	ppm	0.243	0.254	73.0	51-117	4.37	24	WG423526
Hexachlorocyclopentadiene	ppm	0.247	0.267	74.0	21-127	7.45	40	WG423526
Hexachloroethane	ppm	0.226	0.236	68.0	43-104	4.02	27	WG423526
Indeno(1,2,3-cd)pyrene	ppm	0.253	0.262	76.0	42-127	3.36	28	WG423526
Isophorone	ppm	0.237	0.259	71.0	56-116	9.09	21	WG423526
n-Nitrosodi-n-propylamine	ppm	0.236	0.239	71.0	54-113	1.25	21	WG423526
n-Nitrosodiphenylamine	ppm	0.239	0.257	72.0	66-126	7.44	22	WG423526
Naphthalene	ppm	0.239	0.249	72.0	46-97	4.31	23	WG423526
Nitrobenzene	ppm	0.237	0.246	71.0	46-102	3.81	23	WG423526
Pentachlorophenol	ppm	0.239	0.261	72.0	37-118	8.65	28	WG423526
Phenanthrene	ppm	0.254	0.271	76.0	56-102	6.50	20	WG423526
Phenol	ppm	0.250	0.269	75.0	55-115	7.43	22	WG423526
Pyrene	ppm	0.249	0.281	75.0	53-111	12.2	26	WG423526
2,4,6-Tribromophenol				70.50	25-137			WG423526
2-Fluorobiphenyl				65.47	30-120			WG423526
2-Fluorophenol				76.25	26-130			WG423526
Nitrobenzene-d5				70.18	18-119			WG423526
Phenol-d5				73.17	37-141			WG423526
p-Terphenyl-d14				79.39	23-143			WG423526
Diesel Range Organics (DRO)	mg/l	0.583	0.592	78.0	50-150	1.56	20	WG423739
Residual Range Organics (RRO)	mg/l	0.535	0.569	71*	-	6.10*	0	WG423739
o-Terphenyl				83.81	50-150			WG423739
1,1,1-Trichloroethane	mg/l	0.0241	0.0236	97.0	67-137	2.43	20	WG423629
1,1,2,2-Tetrachloroethane	mg/l	0.0223	0.0184	89.0	72-128	19.2	20	WG423629
1,1,2-Trichloroethane	mg/l	0.0233	0.0199	93.0	79-123	15.8	20	WG423629
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	0.0213	0.0206	85.0	51-149	3.26	20	WG423629
1,1-Dichloroethane	mg/l	0.0244	0.0238	98.0	67-133	2.28	20	WG423629
1,1-Dichloroethene	mg/l	0.0235	0.0241	94.0	60-130	2.69	20	WG423629
1,2,3-Trichlorobenzene	mg/l	0.0256	0.0207	102.	63-138	21.1*	20	WG423629
1,2,4-Trichlorobenzene	mg/l	0.0255	0.0218	102.	65-137	15.6	20	WG423629
1,2-Dibromo-3-Chloropropane	mg/l	0.0204	0.0189	81.0	55-134	7.37	20	WG423629
1,2-Dibromoethane	mg/l	0.0230	0.0187	92.0	75-126	20.6*	20	WG423629

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1,2-Dichlorobenzene	mg/l	0.0242	0.0231	97.0	75-122	4.83	20	WG423629
1,2-Dichloroethane	mg/l	0.0242	0.0204	97.0	63-137	16.8	20	WG423629
1,2-Dichloropropane	mg/l	0.0239	0.0220	96.0	74-122	8.53	20	WG423629
1,3-Dichlorobenzene	mg/l	0.0244	0.0228	98.0	73-131	6.71	20	WG423629
1,4-Dichlorobenzene	mg/l	0.0239	0.0234	96.0	70-121	2.12	20	WG423629
2-Butanone (MEK)	mg/l	0.104	0.0913	83.0	53-132	13.1	20	WG423629
2-Hexanone	mg/l	0.111	0.0916	89.0	56-147	19.4	20	WG423629
4-Methyl-2-pentanone (MIBK)	mg/l	0.118	0.0967	94.0	60-142	19.5	20	WG423629
Acetone	mg/l	0.0996	0.106	80.0	48-134	6.28	20	WG423629
Benzene	mg/l	0.0244	0.0235	97.0	67-126	3.70	20	WG423629
Bromochloromethane	mg/l	0.0240	0.0216	96.0	75-128	10.4	20	WG423629
Bromodichloromethane	mg/l	0.0249	0.0224	100.	68-133	10.6	20	WG423629
Bromoform	mg/l	0.0246	0.0207	98.0	60-139	17.1	20	WG423629
Bromomethane	mg/l	0.0253	0.0246	101.	45-175	2.61	20	WG423629
Carbon disulfide	mg/l	0.0225	0.0242	90.0	41-148	7.43	20	WG423629
Carbon tetrachloride	mg/l	0.0228	0.0234	91.0	64-141	2.44	20	WG423629
Chlorobenzene	mg/l	0.0239	0.0230	96.0	77-125	4.05	20	WG423629
Chlorodibromomethane	mg/l	0.0249	0.0218	99.0	73-138	13.2	20	WG423629
Chloroethane	mg/l	0.0252	0.0247	101.	49-155	1.98	20	WG423629
Chloroform	mg/l	0.0226	0.0216	91.0	66-126	4.69	20	WG423629
Chloromethane	mg/l	0.0249	0.0243	100.	45-152	2.23	20	WG423629
cis-1,2-Dichloroethene	mg/l	0.0241	0.0237	97.0	72-128	1.95	20	WG423629
cis-1,3-Dichloropropene	mg/l	0.0253	0.0215	101.	73-131	16.0	20	WG423629
Dichlorodifluoromethane	mg/l	0.0245	0.0246	98.0	39-189	0.338	24	WG423629
Ethylbenzene	mg/l	0.0241	0.0240	96.0	76-129	0.179	20	WG423629
Isopropylbenzene	mg/l	0.0250	0.0243	100.	73-132	2.82	20	WG423629
Methyl tert-butyl ether	mg/l	0.0241	0.0211	96.0	51-142	13.4	20	WG423629
Methylene Chloride	mg/l	0.0241	0.0228	96.0	64-125	5.49	20	WG423629
Styrene	mg/l	0.0246	0.0229	98.0	78-130	7.14	20	WG423629
Tetrachloroethene	mg/l	0.0242	0.0243	97.0	67-135	0.713	20	WG423629
Toluene	mg/l	0.0240	0.0228	96.0	72-122	5.50	20	WG423629
trans-1,2-Dichloroethene	mg/l	0.0237	0.0241	95.0	67-129	1.63	20	WG423629
trans-1,3-Dichloropropene	mg/l	0.0247	0.0196	99.0	66-137	23.1*	20	WG423629
Trichloroethene	mg/l	0.0241	0.0237	97.0	74-126	1.69	20	WG423629
Trichlorofluoromethane	mg/l	0.0251	0.0244	101.	54-156	3.08	20	WG423629
Vinyl chloride	mg/l	0.0239	0.0239	96.0	55-153	0.189	20	WG423629
4-Bromofluorobenzene				98.20	75-128			WG423629
Dibromofluoromethane				103.1	79-125			WG423629
Toluene-d8				100.4	87-114			WG423629
PCB 1260	mg/l	0.000356	0.000348	71.0	46-126	2.21	34	WG423854
Decachlorobiphenyl				67.68	10-122.6			WG423854
Tetrachloro-m-xylene				62.80	15.3-114.2			WG423854
1,2,4,5-Tetrachlorobenzene	ppm	0.00706	0.00745	71.0	39-116	5.41	33	WG424340
2,4,5-Trichlorophenol	ppm	0.00777	0.00740	78.0	48-120	4.92	29	WG424340
2,4,6-Trichlorophenol	ppm	0.00744	0.00736	74.0	49-118	1.07	28	WG424340
2,4-Dichlorophenol	ppm	0.00670	0.00697	67.0	46-115	4.05	28	WG424340
2,4-Dimethylphenol	ppm	0.00941	0.0102	94.0	40-124	7.78	36	WG424340
2,4-Dinitrophenol	ppm	0.00407	0.00442	41.0	10-125	8.30	50	WG424340
2,4-Dinitrotoluene	ppm	0.00774	0.00786	77.0	56-128	1.51	24	WG424340
2,6-Dinitrotoluene	ppm	0.00770	0.00730	77.0	56-121	5.29	23	WG424340
2-Chloronaphthalene	ppm	0.00697	0.00696	70.0	44-110	0.183	30	WG424340
2-Chlorophenol	ppm	0.00523	0.00571	52.0	38-114	8.78	36	WG424340
2-Methylnaphthalene	ppm	0.00677	0.00717	68.0	28-122	5.76	36	WG424340
2-Methylphenol	ppm	0.00516	0.00569	52.0	42-99	9.76	26	WG424340
2-Nitroaniline	ppm	0.00728	0.00738	73.0	55-124	1.43	22	WG424340

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2-Nitrophenol	ppm	0.00633	0.00706	63.0	35-118	10.9	35	WG424340
3&4-methyl phenol	ppm	0.00533	0.00558	53.0	36-102	4.66	31	WG424340
3,3-Dichlorobenzidine	ppm	0.00792	0.00819	79.0	46-145	3.37	31	WG424340
3-Nitroaniline	ppm	0.00722	0.00702	72.0	39-141	2.76	32	WG424340
4,6-Dinitro-2-methylphenol	ppm	0.00662	0.00676	66.0	24-119	2.16	50	WG424340
4-Bromophenyl-phenylether	ppm	0.00639	0.00643	64.0	45-105	0.559	26	WG424340
4-Chloro-3-methylphenol	ppm	0.00624	0.00629	62.0	47-116	0.860	22	WG424340
4-Chloroaniline	ppm	0.00597	0.00666	60.0	21-151	11.0	36	WG424340
4-Chlorophenyl-phenylether	ppm	0.00752	0.00741	75.0	49-116	1.42	26	WG424340
4-Nitroaniline	ppm	0.00782	0.00765	78.0	43-144	2.14	34	WG424340
4-Nitrophenol	ppm	0.00165	0.00173	16.0	10-66	4.81	37	WG424340
Acenaphthene	ppm	0.00733	0.00733	73.0	48-110	0.0744	26	WG424340
Acenaphthylene	ppm	0.00758	0.00743	76.0	48-113	2.01	28	WG424340
Acetophenone	ppm	0.00553	0.00581	55.0	35-98	4.83	38	WG424340
Anthracene	ppm	0.00814	0.00824	81.0	55-127	1.18	24	WG424340
Atrazine	ppm	0.00910	0.00909	91.0	43-159	0.132	26	WG424340
Benzaldehyde	ppm	0.00211	0.00225	21.0	1-78	6.35	49	WG424340
Benzo(a)anthracene	ppm	0.00775	0.00797	77.0	57-115	2.87	20	WG424340
Benzo(a)pyrene	ppm	0.00814	0.00830	81.0	63-125	1.87	22	WG424340
Benzo(b)fluoranthene	ppm	0.00797	0.00848	80.0	50-123	6.21	32	WG424340
Benzo(g,h,i)perylene	ppm	0.0101	0.0101	101.	39-143	0.391	31	WG424340
Benzo(k)fluoranthene	ppm	0.00691	0.00679	69.0	45-126	1.78	37	WG424340
Benzylbutyl phthalate	ppm	0.00493	0.00380	49.0	22-154	25.9	29	WG424340
Biphenyl	ppm	0.00696	0.00685	70.0	45-111	1.49	30	WG424340
Bis(2-chlorethoxy)methane	ppm	0.00618	0.00658	62.0	42-116	6.28	38	WG424340
Bis(2-chloroethyl)ether	ppm	0.00556	0.00587	56.0	26-115	5.50	50	WG424340
Bis(2-chloroisopropyl)ether	ppm	0.00537	0.00570	54.0	32-115	6.02	47	WG424340
Bis(2-ethylhexyl)phthalate	ppm	0.00735	0.00791	73.0	47-143	7.35	24	WG424340
Caprolactam	ppm	0.00155	0.00153	15.0	11-33	0.980	37	WG424340
Carbazole	ppm	0.00694	0.00734	69.0	49-133	5.52	29	WG424340
Chrysene	ppm	0.00787	0.00801	79.0	58-113	1.79	21	WG424340
Di-n-butyl phthalate	ppm	0.00647	0.00611	65.0	51-131	5.80	22	WG424340
Di-n-octyl phthalate	ppm	0.00720	0.00766	72.0	51-138	6.26	22	WG424340
Dibenz(a,h)anthracene	ppm	0.00948	0.00970	95.0	39-144	2.33	30	WG424340
Dibenzofuran	ppm	0.00749	0.00720	75.0	50-121	3.93	26	WG424340
Diethyl phthalate	ppm	0.00606	0.00478	61.0	36-128	23.6	27	WG424340
Dimethyl phthalate	ppm	0.00404	0.00230	40.0	10-135	54.9*	33	WG424340
Fluoranthene	ppm	0.00784	0.00816	78.0	53-119	4.02	28	WG424340
Fluorene	ppm	0.00772	0.00777	77.0	49-116	0.599	25	WG424340
Hexachloro-1,3-butadiene	ppm	0.00634	0.00685	63.0	21-116	7.61	50	WG424340
Hexachlorobenzene	ppm	0.00805	0.00753	80.0	51-121	6.70	23	WG424340
Hexachlorocyclopentadiene	ppm	0.00428	0.00455	43.0	4-126	6.13	50	WG424340
Hexachloroethane	ppm	0.00465	0.00477	46.0	15-109	2.59	50	WG424340
Indeno(1,2,3-cd)pyrene	ppm	0.00949	0.00953	95.0	40-143	0.425	30	WG424340
Isophorone	ppm	0.00612	0.00644	61.0	48-126	5.05	31	WG424340
n-Nitrosodi-n-propylamine	ppm	0.00585	0.00607	59.0	47-122	3.60	33	WG424340
n-Nitrosodiphenylamine	ppm	0.00676	0.00683	68.0	59-143	1.10	23	WG424340
Naphthalene	ppm	0.00637	0.00651	64.0	29-103	2.15	45	WG424340
Nitrobenzene	ppm	0.00540	0.00569	54.0	31-105	5.22	43	WG424340
Pentachlorophenol	ppm	0.00512	0.00535	51.0	20-122	4.22	50	WG424340
Phenanthrene	ppm	0.00716	0.00759	72.0	54-112	5.75	22	WG424340
Phenol	ppm	0.00257	0.00279	26.0	17-52	8.07	33	WG424340
Pyrene	ppm	0.00771	0.00779	77.0	46-130	1.01	28	WG424340
2,4,6-Tribromophenol				84.01	10-148			WG424340
2-Fluorobiphenyl				70.48	26-122			WG424340
2-Fluorophenol				32.33	10-87			WG424340
Nitrobenzene-d5				50.19	12-120			WG424340
Phenol-d5				19.40	10-67			WG424340
p-Terphenyl-d14				90.77	34-149			WG424340

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Est. 1970

SLR International Corp. - West Linn, OR
Chris Kramer
1800 Blankenship Road, Suite 440

Quality Assurance Report
Level II

West Linn, OR 97068

June 29, 2009

L403980

Analyte	Units	Laboratory Control Sample Duplicate			Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
Diesel Range Organics (DRO)	mg/kg	25.7	25.5	86.0	60-140	0.914	20	WG424943
Residual Range Organics (RRO)	mg/kg	24.8	24.9	83*	-	0.108*	0	WG424943
o-Terphenyl				84.27	50-150			WG424943

Analyte	Units	Matrix Spike				Limit	Ref Samp	Batch
		MS Res	Ref Res	TV	% Rec			
Mercury	mg/kg	0.248	0.00510	.25	97.2	70-130	L403980-10	WG423109
PCB 1260	mg/kg	0.152	0.00	.167	91.1	10-197	L403858-03	WG423182
Decachlorobiphenyl					69.89	18.9-115.8		WG423182
Tetrachloro-m-xylene					93.53	31.8-115.7		WG423182

1,1,1-Trichloroethane	mg/kg	0.240	0.00	.05	96.1	23-147	L403858-01	WG423335
1,1,2,2-Tetrachloroethane	mg/kg	0.199	0.00	.05	79.5	18-150	L403858-01	WG423335
1,1,2-Trichloroethane	mg/kg	0.198	0.00	.05	79.1	35-140	L403858-01	WG423335
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.217	0.00	.05	86.8	10-145	L403858-01	WG423335
1,1-Dichloroethane	mg/kg	0.258	0.00	.05	103.	24-148	L403858-01	WG423335
1,1-Dichloroethene	mg/kg	0.216	0.00	.05	86.5	10-149	L403858-01	WG423335
1,2,3-Trichlorobenzene	mg/kg	0.166	0.00	.05	66.3	10-129	L403858-01	WG423335
1,2,4-Trichlorobenzene	mg/kg	0.182	0.00	.05	72.7	10-119	L403858-01	WG423335
1,2-Dibromo-3-Chloropropane	mg/kg	0.206	0.00	.05	82.4	19-145	L403858-01	WG423335
1,2-Dibromoethane	mg/kg	0.218	0.00	.05	87.2	24-145	L403858-01	WG423335
1,2-Dichlorobenzene	mg/kg	0.202	0.00	.05	80.7	12-130	L403858-01	WG423335
1,2-Dichloroethane	mg/kg	0.265	0.00	.05	106.	21-155	L403858-01	WG423335
1,2-Dichloropropane	mg/kg	0.234	0.00	.05	93.4	28-144	L403858-01	WG423335
1,3-Dichlorobenzene	mg/kg	0.195	0.00	.05	78.0	10-129	L403858-01	WG423335
1,4-Dichlorobenzene	mg/kg	0.203	0.00	.05	81.0	10-121	L403858-01	WG423335
2-Butanone (MEK)	mg/kg	1.14	0.00	.25	91.3	21-143	L403858-01	WG423335
2-Hexanone	mg/kg	1.06	0.00	.25	84.9	22-151	L403858-01	WG423335
4-Methyl-2-pentanone (MIBK)	mg/kg	1.13	0.00	.25	90.2	31-151	L403858-01	WG423335
Acetone	mg/kg	1.20	0.00	.25	96.0	13-158	L403858-01	WG423335
Benzene	mg/kg	0.241	0.00	.05	96.5	16-143	L403858-01	WG423335
Bromochloromethane	mg/kg	0.257	0.00	.05	103.	25-152	L403858-01	WG423335
Bromodichloromethane	mg/kg	0.209	0.00	.05	83.5	27-139	L403858-01	WG423335
Bromoform	mg/kg	0.193	0.00	.05	77.3	21-144	L403858-01	WG423335
Bromomethane	mg/kg	0.215	0.00	.05	86.1	0-180	L403858-01	WG423335
Carbon disulfide	mg/kg	0.244	0.00	.05	97.8	10-156	L403858-01	WG423335
Carbon tetrachloride	mg/kg	0.247	0.00	.05	99.0	12-149	L403858-01	WG423335
Chlorobenzene	mg/kg	0.200	0.00	.05	80.2	17-134	L403858-01	WG423335
Chlorodibromomethane	mg/kg	0.193	0.00	.05	77.0	28-147	L403858-01	WG423335
Chloroethane	mg/kg	0.235	0.00	.05	93.8	0-172	L403858-01	WG423335
Chloroform	mg/kg	0.254	0.00	.05	101.	28-138	L403858-01	WG423335
Chloromethane	mg/kg	0.249	0.00	.05	99.4	10-158	L403858-01	WG423335
cis-1,2-Dichloroethene	mg/kg	0.237	0.00	.05	94.6	21-147	L403858-01	WG423335
cis-1,3-Dichloropropene	mg/kg	0.238	0.00	.05	95.4	17-145	L403858-01	WG423335
Dichlorodifluoromethane	mg/kg	0.226	0.00	.05	90.2	0-192	L403858-01	WG423335
Ethylbenzene	mg/kg	0.206	0.00	.05	82.3	12-137	L403858-01	WG423335
Isopropylbenzene	mg/kg	0.201	0.00	.05	80.6	14-134	L403858-01	WG423335
Methyl tert-butyl ether	mg/kg	0.223	0.00	.05	89.2	21-157	L403858-01	WG423335
Methylene Chloride	mg/kg	0.224	0.00	.05	89.5	12-149	L403858-01	WG423335
Styrene	mg/kg	0.203	0.00	.05	81.1	10-140	L403858-01	WG423335
Tetrachloroethene	mg/kg	0.198	0.00	.05	79.2	10-131	L403858-01	WG423335
Toluene	mg/kg	0.225	0.00	.05	90.0	12-136	L403858-01	WG423335
trans-1,2-Dichloroethene	mg/kg	0.238	0.00	.05	95.4	10-143	L403858-01	WG423335
trans-1,3-Dichloropropene	mg/kg	0.233	0.00	.05	93.2	16-147	L403858-01	WG423335
Trichloroethene	mg/kg	0.221	0.00	.05	88.3	10-155	L403858-01	WG423335

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Quality Assurance Report
Level II

June 29, 2009

L403980

Analyte	Units	MS Res	Matrix Spike		% Rec	Limit	Ref Samp	Batch
			Ref Res	TV				
Trichlorofluoromethane	mg/kg	0.226	0.00	.05	90.3	10-154	L403858-01	WG423335
Vinyl chloride	mg/kg	0.264	0.00	.05	106.	10-159	L403858-01	WG423335
4-Bromofluorobenzene					92.53	59-140		WG423335
Dibromofluoromethane					101.7	63-139		WG423335
Toluene-d8					101.5	84-116		WG423335
Mercury	mg/kg	0.250	0.0130	.25	94.8	70-130	L403630-03	WG423494
1-Methylnaphthalene	ppm	0.00084	0.00	.001	84.8	30-123	L404241-02	WG423294
2-Chloronaphthalene	ppm	0.00082	0.00	.001	82.2	34-120	L404241-02	WG423294
2-Methylnaphthalene	ppm	0.00090	0.00	.001	90.8	29-116	L404241-02	WG423294
Acenaphthene	ppm	0.00087	0.00	.001	87.4	40-113	L404241-02	WG423294
Acenaphthylene	ppm	0.00087	0.00	.001	87.0	36-115	L404241-02	WG423294
Anthracene	ppm	0.00084	0.00	.001	84.8	45-118	L404241-02	WG423294
Benzo(a)anthracene	ppm	0.00097	0.00006	.001	91.0	36-129	L404241-02	WG423294
Benzo(a)pyrene	ppm	0.00097	0.00007	.001	89.7	44-124	L404241-02	WG423294
Benzo(b)fluoranthene	ppm	0.00110	0.00011	.001	99.3	43-126	L404241-02	WG423294
Benzo(g,h,i)perylene	ppm	0.00087	0.00007	.001	80.0	39-128	L404241-02	WG423294
Benzo(k)fluoranthene	ppm	0.00089	0.00	.001	89.2	44-127	L404241-02	WG423294
Chrysene	ppm	0.00090	0.00007	.001	82.7	36-137	L404241-02	WG423294
Dibenz(a,h)anthracene	ppm	0.00066	0.00	.001	66.6	39-129	L404241-02	WG423294
Fluoranthene	ppm	0.00149	0.00023	.001	126.*	45-123	L404241-02	WG423294
Fluorene	ppm	0.00090	0.00	.001	90.7	41-118	L404241-02	WG423294
Indeno(1,2,3-cd)pyrene	ppm	0.00088	0.00005	.001	82.6	39-129	L404241-02	WG423294
Naphthalene	ppm	0.00083	0.00	.001	83.9	26-111	L404241-02	WG423294
Phenanthrene	ppm	0.00129	0.00014	.001	115.	41-116	L404241-02	WG423294
Pyrene	ppm	0.00129	0.00020	.001	109.	32-136	L404241-02	WG423294
2-Fluorobiphenyl					84.37	26-122		WG423294
Nitrobenzene-d5					82.92	12-120		WG423294
p-Terphenyl-d14					86.10	34-149		WG423294
Mercury, Dissolved	mg/l	0.00282	0.00	.003	94.0	70-130	L404005-03	WG423123
PCB 1260	mg/kg	0.148	0.00	.167	88.8	10-197	L403960-03	WG423525
Decachlorobiphenyl					82.00	18.9-115.8		WG423525
Tetrachloro-m-xylene					91.99	31.8-115.7		WG423525
Diesel (C7-C26)	mg/kg	23.7	0.00	30	79.0	50-150	L404242-05	WG423285
Motor Oil (C16-C40)	mg/kg	30.2	3.80	30	88.0	50-150	L404242-05	WG423285
o-Terphenyl					76.66	50-150		WG423285
1,1,1-Trichloroethane	mg/kg	0.219	0.00	.05	87.5	23-147	L404233-01	WG423787
1,1,2,2-Tetrachloroethane	mg/kg	0.221	0.00	.05	88.4	18-150	L404233-01	WG423787
1,1,2-Trichloroethane	mg/kg	0.236	0.00031	.05	94.5	35-140	L404233-01	WG423787
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.241	0.00	.05	96.5	10-145	L404233-01	WG423787
1,1-Dichloroethane	mg/kg	0.223	0.00	.05	89.2	24-148	L404233-01	WG423787
1,1-Dichloroethene	mg/kg	0.233	0.00031	.05	92.9	10-149	L404233-01	WG423787
1,2,3-Trichlorobenzene	mg/kg	0.208	0.00064	.05	82.9	10-129	L404233-01	WG423787
1,2,4-Trichlorobenzene	mg/kg	0.206	0.00061	.05	82.2	10-119	L404233-01	WG423787
1,2-Dibromo-3-Chloropropane	mg/kg	0.224	0.00	.05	89.5	19-145	L404233-01	WG423787
1,2-Dibromoethane	mg/kg	0.231	0.00	.05	92.6	24-145	L404233-01	WG423787
1,2-Dichlorobenzene	mg/kg	0.216	0.00040	.05	86.3	12-130	L404233-01	WG423787
1,2-Dichloroethane	mg/kg	0.205	0.00	.05	81.9	21-155	L404233-01	WG423787

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Quality Assurance Report
Level II

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June 29, 2009

L403980

Analyte	Units	MS Res	Matrix Spike			% Rec	Limit	Ref Samp	Batch
			Ref Res	TV					
1,2-Dichloropropane	mg/kg	0.231	0.00	.05	92.4	28-144	L404233-01	WG423787	
1,3-Dichlorobenzene	mg/kg	0.228	0.00052	.05	91.0	10-129	L404233-01	WG423787	
1,4-Dichlorobenzene	mg/kg	0.209	0.00081	.05	83.2	10-121	L404233-01	WG423787	
2-Butanone (MEK)	mg/kg	0.930	0.00164	.25	74.3	21-143	L404233-01	WG423787	
2-Hexanone	mg/kg	1.11	0.00289	.25	88.3	22-151	L404233-01	WG423787	
4-Methyl-2-pentanone (MIBK)	mg/kg	1.09	0.00073	.25	87.4	31-151	L404233-01	WG423787	
Acetone	mg/kg	1.02	0.0694	.25	75.8	13-158	L404233-01	WG423787	
Benzene	mg/kg	0.220	0.00	.05	87.9	16-143	L404233-01	WG423787	
Bromochloromethane	mg/kg	0.243	0.00	.05	97.4	25-152	L404233-01	WG423787	
Bromodichloromethane	mg/kg	0.222	0.00	.05	88.9	27-139	L404233-01	WG423787	
Bromoform	mg/kg	0.246	0.00	.05	98.5	21-144	L404233-01	WG423787	
Bromomethane	mg/kg	0.239	0.00043	.05	95.4	0-180	L404233-01	WG423787	
Carbon disulfide	mg/kg	0.223	0.00052	.05	89.0	10-156	L404233-01	WG423787	
Carbon tetrachloride	mg/kg	0.218	0.00043	.05	87.0	12-149	L404233-01	WG423787	
Chlorobenzene	mg/kg	0.240	0.00	.05	95.9	17-134	L404233-01	WG423787	
Chlorodibromomethane	mg/kg	0.239	0.00	.05	95.6	28-147	L404233-01	WG423787	
Chloroethane	mg/kg	0.243	0.00114	.05	96.7	0-172	L404233-01	WG423787	
Chloroform	mg/kg	0.210	0.00123	.05	83.5	28-138	L404233-01	WG423787	
Chloromethane	mg/kg	0.233	0.00073	.05	93.0	10-158	L404233-01	WG423787	
cis-1,2-Dichloroethene	mg/kg	0.229	0.00	.05	91.8	21-147	L404233-01	WG423787	
cis-1,3-Dichloropropene	mg/kg	0.222	0.00	.05	88.9	17-145	L404233-01	WG423787	
Dichlorodifluoromethane	mg/kg	0.273	0.00040	.05	109.	0-192	L404233-01	WG423787	
Ethylbenzene	mg/kg	0.240	0.00	.05	96.1	12-137	L404233-01	WG423787	
Isopropylbenzene	mg/kg	0.239	0.00	.05	95.5	14-134	L404233-01	WG423787	
Methyl tert-butyl ether	mg/kg	0.209	0.00	.05	83.7	21-157	L404233-01	WG423787	
Methylene Chloride	mg/kg	0.215	0.00	.05	86.1	12-149	L404233-01	WG423787	
Styrene	mg/kg	0.238	0.00	.05	95.4	10-140	L404233-01	WG423787	
Tetrachloroethene	mg/kg	0.238	0.00	.05	95.2	10-131	L404233-01	WG423787	
Toluene	mg/kg	0.223	0.00	.05	89.3	12-136	L404233-01	WG423787	
trans-1,2-Dichloroethene	mg/kg	0.237	0.00	.05	94.6	10-143	L404233-01	WG423787	
trans-1,3-Dichloropropene	mg/kg	0.219	0.00	.05	87.5	16-147	L404233-01	WG423787	
Trichloroethene	mg/kg	0.235	0.00	.05	94.0	10-155	L404233-01	WG423787	
Trichlorofluoromethane	mg/kg	0.233	0.00	.05	93.2	10-154	L404233-01	WG423787	
Vinyl chloride	mg/kg	0.234	0.00	.05	93.5	10-159	L404233-01	WG423787	
4-Bromofluorobenzene					102.7	59-140		WG423787	
Dibromofluoromethane					96.45	63-139		WG423787	
Toluene-d8					100.4	84-116		WG423787	
1,2,4,5-Tetrachlorobenzene	ppm	0.275	0.00	.333	82.7	47-111	L404242-05	WG423526	
2,4,5-Trichlorophenol	ppm	0.277	0.00	.333	83.3	28-128	L404242-05	WG423526	
2,4,6-Trichlorophenol	ppm	0.263	0.00	.333	78.9	27-128	L404242-05	WG423526	
2,4-Dichlorophenol	ppm	0.254	0.00	.333	76.2	39-116	L404242-05	WG423526	
2,4-Dimethylphenol	ppm	0.418	0.00	.333	125.*	50-119	L404242-05	WG423526	
2,4-Dinitrophenol	ppm	0.146	0.00	.333	44.0	10-123	L404242-05	WG423526	
2,4-Dinitrotoluene	ppm	0.281	0.00	.333	84.4	52-121	L404242-05	WG423526	
2,6-Dinitrotoluene	ppm	0.253	0.00	.333	75.9	53-114	L404242-05	WG423526	
2-Chloronaphthalene	ppm	0.233	0.00	.333	70.1	52-101	L404242-05	WG423526	
2-Chlorophenol	ppm	0.231	0.00	.333	69.3	41-112	L404242-05	WG423526	
2-Methylnaphthalene	ppm	0.238	0.00	.333	71.3	48-109	L404242-05	WG423526	
2-Methylphenol	ppm	0.259	0.00	.333	77.9	56-111	L404242-05	WG423526	
2-Nitroaniline	ppm	0.257	0.00	.333	77.3	52-117	L404242-05	WG423526	
2-Nitrophenol	ppm	0.252	0.00	.333	75.6	23-117	L404242-05	WG423526	
3&4-Methyl Phenol	ppm	0.298	0.00	.333	89.4	50-134	L404242-05	WG423526	
3,3-Dichlorobenzidine	ppm	0.132	0.00	.333	39.7	10-133	L404242-05	WG423526	
3-Nitroaniline	ppm	0.224	0.00	.333	67.2	5-134	L404242-05	WG423526	
4,6-Dinitro-2-methylphenol	ppm	0.175	0.00	.333	52.7	10-124	L404242-05	WG423526	
4-Bromophenyl-phenylether	ppm	0.224	0.00	.333	67.3	37-103	L404242-05	WG423526	
4-Chloro-3-methylphenol	ppm	0.255	0.00	.333	76.6	52-119	L404242-05	WG423526	

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Quality Assurance Report
Level II

West Linn, OR 97068

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L403980

Analyte	Units	MS Res	Matrix Spike		% Rec	Limit	Ref Samp	Batch
			Ref Res	TV				
4-Chloroaniline	ppm	0.245	0.00	.333	73.7	4-134	L404242-05	WG423526
4-Chlorophenyl-phenylether	ppm	0.236	0.00	.333	71.0	53-105	L404242-05	WG423526
4-Nitroaniline	ppm	0.260	0.00	.333	78.1	12-129	L404242-05	WG423526
4-Nitrophenol	ppm	0.267	0.00	.333	80.2	15-140	L404242-05	WG423526
Acenaphthene	ppm	0.258	0.00	.333	77.3	52-102	L404242-05	WG423526
Acenaphthylene	ppm	0.264	0.00	.333	79.2	54-103	L404242-05	WG423526
Acetophenone	ppm	0.230	0.00	.333	69.0	38-94	L404242-05	WG423526
Anthracene	ppm	0.257	0.00	.333	77.2	55-114	L404242-05	WG423526
Atrazine	ppm	0.303	0.00	.333	90.9	40-144	L404242-05	WG423526
Benzaldehyde	ppm	0.0946	0.00	.333	28.4	0-100	L404242-05	WG423526
Benzo(a)anthracene	ppm	0.263	0.00	.333	78.9	37-124	L404242-05	WG423526
Benzo(a)pyrene	ppm	0.266	0.00	.333	79.8	44-129	L404242-05	WG423526
Benzo(b)fluoranthene	ppm	0.239	0.00	.333	71.9	28-135	L404242-05	WG423526
Benzo(g,h,i)perylene	ppm	0.278	0.00	.333	83.4	25-123	L404242-05	WG423526
Benzo(k)fluoranthene	ppm	0.277	0.00	.333	83.1	41-116	L404242-05	WG423526
Benzylbutyl phthalate	ppm	0.282	0.00	.333	84.6	45-143	L404242-05	WG423526
Biphenyl	ppm	0.235	0.00	.333	70.7	49-103	L404242-05	WG423526
Bis(2-chloroethoxy)methane	ppm	0.236	0.00	.333	70.8	48-108	L404242-05	WG423526
Bis(2-chloroethyl)ether	ppm	0.201	0.00	.333	60.4	36-115	L404242-05	WG423526
Bis(2-chloroisopropyl)ether	ppm	0.228	0.00	.333	68.5	44-109	L404242-05	WG423526
Bis(2-ethylhexyl)phthalate	ppm	0.278	0.00	.333	83.4	40-128	L404242-05	WG423526
Caprolactam	ppm	0.283	0.00	.333	85.1	26-140	L404242-05	WG423526
Carbazole	ppm	0.256	0.00	.333	76.8	43-122	L404242-05	WG423526
Chrysene	ppm	0.244	0.00	.333	73.1	39-119	L404242-05	WG423526
Di-n-butyl phthalate	ppm	0.266	0.00	.333	80.0	49-121	L404242-05	WG423526
Di-n-octyl phthalate	ppm	0.267	0.00	.333	80.3	40-132	L404242-05	WG423526
Dibenz(a,h)anthracene	ppm	0.249	0.00	.333	74.8	29-123	L404242-05	WG423526
Dibenzofuran	ppm	0.259	0.00	.333	77.8	54-111	L404242-05	WG423526
Diethyl phthalate	ppm	0.254	0.00	.333	76.3	51-113	L404242-05	WG423526
Dimethyl phthalate	ppm	0.257	0.00	.333	77.2	54-108	L404242-05	WG423526
Fluoranthene	ppm	0.276	0.00	.333	83.0	23-143	L404242-05	WG423526
Fluorene	ppm	0.274	0.00	.333	82.3	53-107	L404242-05	WG423526
Hexachloro-1,3-butadiene	ppm	0.267	0.00	.333	80.1	39-113	L404242-05	WG423526
Hexachlorobenzene	ppm	0.236	0.00	.333	71.0	49-108	L404242-05	WG423526
Hexachlorocyclopentadiene	ppm	0.214	0.00	.333	64.2	10-131	L404242-05	WG423526
Hexachloroethane	ppm	0.220	0.00	.333	66.2	25-118	L404242-05	WG423526
Indeno(1,2,3-cd)pyrene	ppm	0.254	0.00	.333	76.3	28-125	L404242-05	WG423526
Isophorone	ppm	0.230	0.00	.333	69.0	51-115	L404242-05	WG423526
n-Nitrosodi-n-propylamine	ppm	0.220	0.00	.333	66.1	54-110	L404242-05	WG423526
n-Nitrosodiphenylamine	ppm	0.233	0.00	.333	70.1	54-138	L404242-05	WG423526
Naphthalene	ppm	0.227	0.00	.333	68.2	41-100	L404242-05	WG423526
Nitrobenzene	ppm	0.217	0.00	.333	65.3	40-102	L404242-05	WG423526
Pentachlorophenol	ppm	0.289	0.00	.333	86.8	10-146	L404242-05	WG423526
Phenanthrene	ppm	0.261	0.00	.333	78.5	37-125	L404242-05	WG423526
Phenol	ppm	0.241	0.00	.333	72.5	52-111	L404242-05	WG423526
Pyrene	ppm	0.247	0.00	.333	74.2	22-151	L404242-05	WG423526
2,4,6-Tribromophenol					85.13	25-137		WG423526
2-Fluorobiphenyl					72.75	30-120		WG423526
2-Fluorophenol					76.59	26-130		WG423526
Nitrobenzene-d5					70.28	18-119		WG423526
Phenol-d5					72.13	37-141		WG423526
p-Terphenyl-d14					86.42	23-143		WG423526
1,1,1-Trichloroethane	mg/l	0.558	0.00	.025	89.3	31-161	L403957-01	WG423629
1,1,2,2-Tetrachloroethane	mg/l	0.510	0.00	.025	81.6	49-149	L403957-01	WG423629
1,1,2-Trichloroethane	mg/l	0.511	0.00	.025	81.7	46-145	L403957-01	WG423629
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	0.601	0.320	.025	44.9	14-168	L403957-01	WG423629
1,1-Dichloroethane	mg/l	0.563	0.00	.025	90.1	30-159	L403957-01	WG423629

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Analyte	Units	MS Res	Matrix Spike			% Rec	Limit	Ref Samp	Batch
			Ref Res	TV					
1,1-Dichloroethene	mg/l	0.567	0.0210	.025	87.4	10-162	L403957-01	WG423629	
1,2,3-Trichlorobenzene	mg/l	0.529	0.00	.025	84.6	32-143	L403957-01	WG423629	
1,2,4-Trichlorobenzene	mg/l	0.547	0.00	.025	87.5	27-142	L403957-01	WG423629	
1,2-Dibromo-3-Chloropropane	mg/l	0.489	0.00	.025	78.3	37-148	L403957-01	WG423629	
1,2-Dibromoethane	mg/l	0.491	0.00	.025	78.6	41-149	L403957-01	WG423629	
1,2-Dichlorobenzene	mg/l	0.580	0.00	.025	92.7	40-139	L403957-01	WG423629	
1,2-Dichloroethane	mg/l	0.523	0.00	.025	83.6	29-167	L403957-01	WG423629	
1,2-Dichloropropane	mg/l	0.539	0.00	.025	86.3	39-148	L403957-01	WG423629	
1,3-Dichlorobenzene	mg/l	0.574	0.00	.025	91.9	32-148	L403957-01	WG423629	
1,4-Dichlorobenzene	mg/l	0.568	0.00	.025	90.8	32-136	L403957-01	WG423629	
2-Butanone (MEK)	mg/l	2.47	0.00	.125	79.0	32-151	L403957-01	WG423629	
2-Hexanone	mg/l	2.53	0.00	.125	80.9	41-155	L403957-01	WG423629	
4-Methyl-2-pentanone (MIBK)	mg/l	2.62	0.00	.125	84.0	40-160	L403957-01	WG423629	
Acetone	mg/l	2.84	0.00	.125	90.9	25-157	L403957-01	WG423629	
Benzene	mg/l	0.553	0.00	.025	88.4	16-158	L403957-01	WG423629	
Bromochloromethane	mg/l	0.548	0.00	.025	87.6	36-154	L403957-01	WG423629	
Bromodichloromethane	mg/l	0.564	0.00	.025	90.2	45-147	L403957-01	WG423629	
Bromoform	mg/l	0.548	0.00	.025	87.7	38-152	L403957-01	WG423629	
Bromomethane	mg/l	0.613	0.00	.025	98.1	0-191	L403957-01	WG423629	
Carbon disulfide	mg/l	0.541	0.00	.025	86.5	10-166	L403957-01	WG423629	
Carbon tetrachloride	mg/l	0.508	0.00	.025	81.2	22-168	L403957-01	WG423629	
Chlorobenzene	mg/l	0.556	0.00	.025	88.9	33-148	L403957-01	WG423629	
Chlorodibromomethane	mg/l	0.563	0.00	.025	90.1	48-151	L403957-01	WG423629	
Chloroethane	mg/l	0.577	0.00	.025	92.3	4-176	L403957-01	WG423629	
Chloroform	mg/l	0.526	0.00	.025	84.1	37-147	L403957-01	WG423629	
Chloromethane	mg/l	0.582	0.00	.025	93.1	10-174	L403957-01	WG423629	
cis-1,2-Dichloroethene	mg/l	0.766	0.180	.025	93.7	29-156	L403957-01	WG423629	
cis-1,3-Dichloropropene	mg/l	0.535	0.00	.025	85.5	35-148	L403957-01	WG423629	
Dichlorodifluoromethane	mg/l	0.562	0.00	.025	89.9	0-200	L403957-01	WG423629	
Ethylbenzene	mg/l	0.569	0.00	.025	91.1	29-150	L403957-01	WG423629	
Isopropylbenzene	mg/l	0.580	0.00	.025	92.8	35-147	L403957-01	WG423629	
Methyl tert-butyl ether	mg/l	0.560	0.00	.025	89.6	24-167	L403957-01	WG423629	
Methylene Chloride	mg/l	0.575	0.00	.025	92.0	23-151	L403957-01	WG423629	
Styrene	mg/l	0.562	0.00	.025	89.9	38-149	L403957-01	WG423629	
Tetrachloroethene	mg/l	3.09	2.40	.025	110.	13-157	L403957-01	WG423629	
Toluene	mg/l	0.536	0.0140	.025	83.6	22-152	L403957-01	WG423629	
trans-1,2-Dichloroethene	mg/l	0.568	0.00	.025	90.8	11-160	L403957-01	WG423629	
trans-1,3-Dichloropropene	mg/l	0.484	0.00	.025	77.5	33-153	L403957-01	WG423629	
Trichloroethene	mg/l	0.841	0.270	.025	91.3	18-163	L403957-01	WG423629	
Trichlorofluoromethane	mg/l	0.566	0.00	.025	90.6	10-177	L403957-01	WG423629	
Vinyl chloride	mg/l	0.558	0.00	.025	89.2	0-179	L403957-01	WG423629	
4-Bromofluorobenzene					94.44	75-128		WG423629	
Dibromofluoromethane					100.9	79-125		WG423629	
Toluene-d8					99.74	87-114		WG423629	
1-Methylnaphthalene	ppm	0.0742	0.0300	.033	26.8	19-131	L403980-04	WG423440	
2-Chloronaphthalene	ppm	0.0291	0.00	.033	17.6*	38-117	L403980-04	WG423440	
2-Methylnaphthalene	ppm	0.0618	0.0200	.033	25.3	18-125	L403980-04	WG423440	
Acenaphthene	ppm	0.0327	0.00	.033	19.8*	31-120	L403980-04	WG423440	
Acenaphthylene	ppm	0.0353	0.00	.033	21.4*	34-116	L403980-04	WG423440	
Anthracene	ppm	0.0303	0.00	.033	18.4*	32-131	L403980-04	WG423440	
Benzo(a)anthracene	ppm	0.0300	0.00900	.033	12.7*	32-131	L403980-04	WG423440	
Benzo(a)pyrene	ppm	0.0340	0.00780	.033	15.9*	28-130	L403980-04	WG423440	
Benzo(b)fluoranthene	ppm	0.0414	0.0120	.033	17.8*	37-130	L403980-04	WG423440	
Benzo(g,h,i)perylene	ppm	0.0191	0.00610	.033	7.91*	10-134	L403980-04	WG423440	
Benzo(k)fluoranthene	ppm	0.0403	0.00780	.033	19.7*	31-129	L403980-04	WG423440	
Chrysene	ppm	0.0316	0.00590	.033	15.6*	25-137	L403980-04	WG423440	
Dibenz(a,h)anthracene	ppm	0.0167	0.00	.033	10.2*	20-134	L403980-04	WG423440	

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		MS Res	Ref Res	TV				
Fluoranthene	ppm	0.0399	0.0120	.033	16.9*	27-138	L403980-04	WG423440
Fluorene	ppm	0.0357	0.00	.033	21.6*	26-136	L403980-04	WG423440
Indeno(1,2,3-cd)pyrene	ppm	0.0169	0.00	.033	10.3*	16-135	L403980-04	WG423440
Naphthalene	ppm	0.0393	0.0120	.033	16.5*	22-121	L403980-04	WG423440
Phenanthrene	ppm	0.0392	0.0110	.033	17.1*	27-133	L403980-04	WG423440
Pyrene	ppm	0.0381	0.0160	.033	13.4*	22-133	L403980-04	WG423440
2-Fluorobiphenyl					79.35	30-120		WG423440
Nitrobenzene-d5					56.30	18-119		WG423440
p-Terphenyl-d14					89.05	23-143		WG423440
Beryllium,Dissolved	mg/l	0.993	0.00017	1.13	87.9	75-125	L404101-03	WG423363
Cadmium,Dissolved	mg/l	1.05	0.00077	1.13	92.9	75-125	L404101-03	WG423363
Chromium,Dissolved	mg/l	1.04	0.00	1.13	92.0	75-125	L404101-03	WG423363
Copper,Dissolved	mg/l	1.06	0.00	1.13	93.8	75-125	L404101-03	WG423363
Lead,Dissolved	mg/l	1.09	0.00	1.13	96.5	75-125	L404101-03	WG423363
Nickel,Dissolved	mg/l	1.06	0.0125	1.13	92.7	75-125	L404101-03	WG423363
Selenium,Dissolved	mg/l	1.04	0.0106	1.13	91.1	75-125	L404101-03	WG423363
Silver,Dissolved	mg/l	0.0625	0.00200	1.13	5.35*	75-125	L404101-03	WG423363
Zinc,Dissolved	mg/l	1.04	0.00640	1.13	91.5	75-125	L404101-03	WG423363
Antimony	mg/kg	19.7	0.0143	50	39.4*	75-125	L403985-12	WG423454
Arsenic	mg/kg	50.4	3.00	50	94.8	75-125	L403985-12	WG423454
Beryllium	mg/kg	48.2	0.530	50	95.3	75-125	L403985-12	WG423454
Cadmium	mg/kg	44.6	0.0620	50	89.1	75-125	L403985-12	WG423454
Chromium	mg/kg	78.8	30.0	50	97.6	75-125	L403985-12	WG423454
Copper	mg/kg	89.0	32.0	50	114.	75-125	L403985-12	WG423454
Lead	mg/kg	58.8	13.0	50	91.6	75-125	L403985-12	WG423454
Nickel	mg/kg	60.1	11.4	50	97.4	75-125	L403985-12	WG423454
Selenium	mg/kg	43.0	0.00	50	86.0	75-125	L403985-12	WG423454
Silver	mg/kg	48.5	0.00	50	97.0	75-125	L403985-12	WG423454
Zinc	mg/kg	225.	173.	50	104.	75-125	L403985-12	WG423454
Thallium	mg/kg	42.7	0.00	10	85.4	75-125	L403985-12	WG423454
Beryllium	mg/l	1.09	0.00	1.13	96.5	75-125	L404463-04	WG424232
Cadmium	mg/l	1.09	0.00011	1.13	96.5	75-125	L404463-04	WG424232
Chromium	mg/l	1.06	0.00	1.13	93.8	75-125	L404463-04	WG424232
Copper	mg/l	1.09	0.00270	1.13	96.2	75-125	L404463-04	WG424232
Lead	mg/l	1.17	0.0119	1.13	102.	75-125	L404463-04	WG424232
Nickel	mg/l	1.13	0.00	1.13	100.	75-125	L404463-04	WG424232
Selenium	mg/l	1.11	0.00	1.13	98.2	75-125	L404463-04	WG424232
Silver	mg/l	0.200	0.00	1.13	17.7*	75-125	L404463-04	WG424232
Zinc	mg/l	1.08	0.00690	1.13	95.0	75-125	L404463-04	WG424232
Lead	mg/kg	48.2	0.990	50	94.4	75-125	L403980-10	WG424566
Antimony,Dissolved	mg/l	0.0530	0.00	.0567	93.5	75-125	L403980-06	WG423775
Arsenic,Dissolved	mg/l	0.0533	0.00069	.0567	92.8	75-125	L403980-06	WG423775
Thallium,Dissolved	mg/l	0.0496	0.00	.0567	87.5	75-125	L403980-06	WG423775
Antimony	mg/l	0.0570	0.00	.0567	101.	75-125	L404641-23	WG424398
Arsenic	mg/l	0.0532	0.00310	.0567	88.4	75-125	L404641-23	WG424398
Thallium	mg/l	0.0539	0.00	.0567	95.1	75-125	L404641-23	WG424398

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Quality Assurance Report Level II

June 29, 2009

L403980

Analyte	Units	MS Res	Matrix Spike			% Rec	Limit	Ref Samp	Batch
			Ref Res	TV					
Mercury	mg/l	0.00314	0.00	.003	105.	70-130	L406775-15	WG426094	
Mercury, Dissolved	mg/l	0.00330	0.00	.003	110.	70-130	L406945-16	WG426098	
Beryllium	mg/l	1.08	0.00	1.13	95.6	75-125	L406969-23	WG426343	
Cadmium	mg/l	1.14	0.00	1.13	101.	75-125	L406969-23	WG426343	
Chromium	mg/l	1.07	0.00	1.13	94.7	75-125	L406969-23	WG426343	
Copper	mg/l	1.14	0.00250	1.13	101.	75-125	L406969-23	WG426343	
Lead	mg/l	1.11	0.00	1.13	98.2	75-125	L406969-23	WG426343	
Nickel	mg/l	1.11	0.00	1.13	98.2	75-125	L406969-23	WG426343	
Selenium	mg/l	1.03	0.00	1.13	91.2	75-125	L406969-23	WG426343	
Silver	mg/l	0.140	0.00	1.13	12.4*	75-125	L406969-23	WG426343	
Zinc	mg/l	1.12	0.0129	1.13	98.0	75-125	L406969-23	WG426343	
Antimony	mg/l	0.0638	0.00	.0567	113.	75-125	L406118-02	WG426269	
Arsenic	mg/l	0.0570	0.00	.0567	101.	75-125	L406118-02	WG426269	
Thallium	mg/l	0.0648	0.00	.0567	114.	75-125	L406118-02	WG426269	
Antimony, Dissolved	mg/l	0.0582	0.00	.0567	103.	75-125	L407348-02	WG426484	
Arsenic, Dissolved	mg/l	0.0593	0.00330	.0567	98.8	75-125	L407348-02	WG426484	
Thallium, Dissolved	mg/l	0.0607	0.00024	.0567	107.	75-125	L407348-02	WG426484	

Analyte	Units	MSD	Matrix Spike Duplicate			Limit	RPD	Limit	Ref Samp	Batch
			Ref	%Rec						
Mercury	mg/kg	0.281	0.248	110.	70-130	12.5	20	L403980-10	WG423109	
PCB 1260	mg/kg	0.155	0.152	92.7	10-197	1.76	39	L403858-03	WG423182	
Decachlorobiphenyl				72.44	18.9-115.8				WG423182	
Tetrachloro-m-xylene				97.22	31.8-115.7				WG423182	
1,1,1-Trichloroethane	mg/kg	0.246	0.240	98.3	23-147	2.19	32	L403858-01	WG423335	
1,1,2,2-Tetrachloroethane	mg/kg	0.212	0.199	84.8	18-150	6.45	33	L403858-01	WG423335	
1,1,2-Trichloroethane	mg/kg	0.210	0.198	84.1	35-140	6.13	29	L403858-01	WG423335	
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.221	0.217	88.3	10-145	1.73	35	L403858-01	WG423335	
1,1-Dichloroethane	mg/kg	0.260	0.258	104.	24-148	0.904	31	L403858-01	WG423335	
1,1-Dichloroethene	mg/kg	0.219	0.216	87.5	10-149	1.14	34	L403858-01	WG423335	
1,2,3-Trichlorobenzene	mg/kg	0.152	0.166	61.0	10-129	8.40	43	L403858-01	WG423335	
1,2,4-Trichlorobenzene	mg/kg	0.166	0.182	66.3	10-119	9.33	44	L403858-01	WG423335	
1,2-Dibromo-3-Chloropropane	mg/kg	0.212	0.206	84.9	19-145	2.95	35	L403858-01	WG423335	
1,2-Dibromoethane	mg/kg	0.235	0.218	93.9	24-145	7.36	31	L403858-01	WG423335	
1,2-Dichlorobenzene	mg/kg	0.201	0.202	80.4	12-130	0.322	35	L403858-01	WG423335	
1,2-Dichloroethane	mg/kg	0.264	0.265	106.	21-155	0.231	29	L403858-01	WG423335	
1,2-Dichloropropane	mg/kg	0.242	0.234	96.8	28-144	3.56	30	L403858-01	WG423335	
1,3-Dichlorobenzene	mg/kg	0.194	0.195	77.7	10-129	0.349	38	L403858-01	WG423335	
1,4-Dichlorobenzene	mg/kg	0.200	0.203	79.9	10-121	1.43	36	L403858-01	WG423335	
2-Butanone (MEK)	mg/kg	1.20	1.14	96.0	21-143	5.02	37	L403858-01	WG423335	
2-Hexanone	mg/kg	1.15	1.06	92.3	22-151	8.33	38	L403858-01	WG423335	
4-Methyl-2-pentanone (MIBK)	mg/kg	1.20	1.13	96.3	31-151	6.56	36	L403858-01	WG423335	
Acetone	mg/kg	1.24	1.20	99.2	13-158	3.34	34	L403858-01	WG423335	
Benzene	mg/kg	0.244	0.241	97.7	16-143	1.25	31	L403858-01	WG423335	
Bromochloromethane	mg/kg	0.265	0.257	106.	25-152	3.31	29	L403858-01	WG423335	

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June 29, 2009

L403980

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit Ref	Samp	Batch
			Ref	%Rec					
Bromodichloromethane	mg/kg	0.218	0.209	87.3	27-139	4.40	30	L403858-01	WG423335
Bromoform	mg/kg	0.209	0.193	83.5	21-144	7.72	34	L403858-01	WG423335
Bromomethane	mg/kg	0.226	0.215	90.3	0-180	4.74	41	L403858-01	WG423335
Carbon disulfide	mg/kg	0.246	0.244	98.3	10-156	0.509	38	L403858-01	WG423335
Carbon tetrachloride	mg/kg	0.225	0.247	90.0	12-149	9.50	34	L403858-01	WG423335
Chlorobenzene	mg/kg	0.209	0.200	83.5	17-134	4.13	34	L403858-01	WG423335
Chlorodibromomethane	mg/kg	0.208	0.193	83.0	28-147	7.46	32	L403858-01	WG423335
Chloroethane	mg/kg	0.238	0.235	95.4	0-172	1.66	38	L403858-01	WG423335
Chloroform	mg/kg	0.261	0.254	104.	28-138	2.74	30	L403858-01	WG423335
Chloromethane	mg/kg	0.251	0.249	101.	10-158	1.07	35	L403858-01	WG423335
cis-1,2-Dichloroethene	mg/kg	0.240	0.237	96.0	21-147	1.47	31	L403858-01	WG423335
cis-1,3-Dichloropropene	mg/kg	0.248	0.238	99.2	17-145	3.92	32	L403858-01	WG423335
Dichlorodifluoromethane	mg/kg	0.222	0.226	88.9	0-192	1.47	38	L403858-01	WG423335
Ethylbenzene	mg/kg	0.214	0.206	85.5	12-137	3.76	36	L403858-01	WG423335
Isopropylbenzene	mg/kg	0.208	0.201	83.4	14-134	3.42	37	L403858-01	WG423335
Methyl tert-butyl ether	mg/kg	0.229	0.223	91.7	21-157	2.78	31	L403858-01	WG423335
Methylene Chloride	mg/kg	0.230	0.224	91.9	12-149	2.71	31	L403858-01	WG423335
Styrene	mg/kg	0.214	0.203	85.8	10-140	5.67	35	L403858-01	WG423335
Tetrachloroethene	mg/kg	0.210	0.198	84.0	10-131	5.88	35	L403858-01	WG423335
Toluene	mg/kg	0.231	0.225	92.6	12-136	2.88	32	L403858-01	WG423335
trans-1,2-Dichloroethene	mg/kg	0.242	0.238	96.9	10-143	1.61	33	L403858-01	WG423335
trans-1,3-Dichloropropene	mg/kg	0.244	0.233	97.5	16-147	4.52	32	L403858-01	WG423335
Trichloroethene	mg/kg	0.230	0.221	91.8	10-155	3.94	33	L403858-01	WG423335
Trichlorofluoromethane	mg/kg	0.227	0.226	91.0	10-154	0.802	32	L403858-01	WG423335
Vinyl chloride	mg/kg	0.264	0.264	106.	10-159	0.202	36	L403858-01	WG423335
4-Bromofluorobenzene				96.25	59-140				WG423335
Dibromofluoromethane				100.7	63-139				WG423335
Toluene-d8				103.0	84-116				WG423335
Mercury	mg/kg	0.239	0.250	90.4	70-130	4.50	20	L403630-03	WG423494
1-Methylnaphthalene	ppm	0.0008	0.0008	80.0	30-123	5.75	32	L404241-02	WG423294
2-Chloronaphthalene	ppm	0.0008	0.0008	80.0	34-120	2.69	30	L404241-02	WG423294
2-Methylnaphthalene	ppm	0.0008	0.0009	80.1	29-116	12.4	31	L404241-02	WG423294
Acenaphthene	ppm	0.0008	0.0008	86.5	40-113	1.02	25	L404241-02	WG423294
Acenaphthylene	ppm	0.0008	0.0008	86.3	36-115	0.812	25	L404241-02	WG423294
Anthracene	ppm	0.0009	0.0008	91.3	45-118	7.37	26	L404241-02	WG423294
Benzo(a)anthracene	ppm	0.0009	0.0009	83.6	36-129	7.84	26	L404241-02	WG423294
Benzo(a)pyrene	ppm	0.0006	0.0009	53.8	44-124	45.1*	21	L404241-02	WG423294
Benzo(b)fluoranthene	ppm	0.0007	0.0011	68.0	43-126	33.1	38	L404241-02	WG423294
Benzo(g,h,i)perylene	ppm	0.0005	0.0008	45.1	39-128	50.1*	20	L404241-02	WG423294
Benzo(k)fluoranthene	ppm	0.0004	0.0008	46.0	44-127	63.9*	39	L404241-02	WG423294
Chrysene	ppm	0.0008	0.0009	80.8	36-137	2.18	22	L404241-02	WG423294
Dibenz(a,h)anthracene	ppm	0.0001	0.0006	15.266*	39-129	125.*	20	L404241-02	WG423294
Fluoranthene	ppm	0.0017	0.0014	149.241*	45-123	14.7	25	L404241-02	WG423294
Fluorene	ppm	0.0008	0.0009	86.0	41-118	5.39	26	L404241-02	WG423294
Indeno(1,2,3-cd)pyrene	ppm	0.0004	0.0008	37.9*	39-129	67.6*	20	L404241-02	WG423294
Naphthalene	ppm	0.0008	0.0008	80.2	26-111	4.50	32	L404241-02	WG423294
Phenanthrene	ppm	0.0010	0.0012	94.6	41-116	16.9	25	L404241-02	WG423294
Pyrene	ppm	0.0015	0.0012	130.	32-136	15.0	22	L404241-02	WG423294
2-Fluorobiphenyl				81.29	26-122				WG423294
Nitrobenzene-d5				76.99	12-120				WG423294
p-Terphenyl-d14				83.54	34-149				WG423294
Mercury,Dissolved	mg/l	0.0024	0.0028	82.0	70-130	13.6	20	L404005-03	WG423123

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June 29, 2009

L403980

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref	Samp	Batch
			Ref	%Rec						
PCB 1260	mg/kg	0.138	0.148	82.7	10-197	7.01	39	L403960-03	WG423525	
Decachlorobiphenyl				73.26	18.9-115.8				WG423525	
Tetrachloro-m-xylene				86.00	31.8-115.7				WG423525	
Diesel (C7-C26)	mg/kg	27.2	23.7	90.6	50-150	13.7	20	L404242-05	WG423285	
Motor Oil (C16-C40)	mg/kg	34.7	30.2	103.	50-150	13.9	25	L404242-05	WG423285	
o-Terphenyl				90.92	50-150				WG423285	
1,1,1-Trichloroethane	mg/kg	0.234	0.219	93.6	23-147	6.83	32	L404233-01	WG423787	
1,1,2,2-Tetrachloroethane	mg/kg	0.216	0.221	86.3	18-150	2.41	33	L404233-01	WG423787	
1,1,2-Trichloroethane	mg/kg	0.237	0.236	94.7	35-140	0.278	29	L404233-01	WG423787	
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.248	0.241	99.1	10-145	2.65	35	L404233-01	WG423787	
1,1-Dichloroethane	mg/kg	0.227	0.223	90.8	24-148	1.75	31	L404233-01	WG423787	
1,1-Dichloroethene	mg/kg	0.250	0.233	100.	10-149	7.39	34	L404233-01	WG423787	
1,2,3-Trichlorobenzene	mg/kg	0.215	0.208	85.6	10-129	3.19	43	L404233-01	WG423787	
1,2,4-Trichlorobenzene	mg/kg	0.213	0.206	84.9	10-119	3.21	44	L404233-01	WG423787	
1,2-Dibromo-3-Chloropropane	mg/kg	0.233	0.224	93.2	19-145	4.01	35	L404233-01	WG423787	
1,2-Dibromoethane	mg/kg	0.235	0.231	93.9	24-145	1.46	31	L404233-01	WG423787	
1,2-Dichlorobenzene	mg/kg	0.225	0.216	89.8	12-130	3.87	35	L404233-01	WG423787	
1,2-Dichloroethane	mg/kg	0.208	0.205	83.1	21-155	1.48	29	L404233-01	WG423787	
1,2-Dichloropropane	mg/kg	0.243	0.231	97.4	28-144	5.24	30	L404233-01	WG423787	
1,3-Dichlorobenzene	mg/kg	0.228	0.228	90.9	10-129	0.080	38	L404233-01	WG423787	
1,4-Dichlorobenzene	mg/kg	0.214	0.209	85.3	10-121	2.49	36	L404233-01	WG423787	
2-Butanone (MEK)	mg/kg	0.924	0.930	73.8	21-143	0.604	37	L404233-01	WG423787	
2-Hexanone	mg/kg	1.07	1.11	85.1	22-151	3.67	38	L404233-01	WG423787	
4-Methyl-2-pentanone (MIBK)	mg/kg	1.06	1.09	84.8	31-151	3.03	36	L404233-01	WG423787	
Acetone	mg/kg	1.00	1.02	74.5	13-158	1.61	34	L404233-01	WG423787	
Benzene	mg/kg	0.230	0.220	91.8	16-143	4.38	31	L404233-01	WG423787	
Bromochloromethane	mg/kg	0.246	0.243	98.3	25-152	0.956	29	L404233-01	WG423787	
Bromodichloromethane	mg/kg	0.234	0.222	93.5	27-139	5.08	30	L404233-01	WG423787	
Bromoform	mg/kg	0.243	0.246	97.1	21-144	1.49	34	L404233-01	WG423787	
Bromomethane	mg/kg	0.254	0.239	101.	0-180	6.02	41	L404233-01	WG423787	
Carbon disulfide	mg/kg	0.230	0.223	91.9	10-156	3.15	38	L404233-01	WG423787	
Carbon tetrachloride	mg/kg	0.231	0.218	92.1	12-149	5.62	34	L404233-01	WG423787	
Chlorobenzene	mg/kg	0.240	0.240	95.8	17-134	0.059	34	L404233-01	WG423787	
Chlorodibromomethane	mg/kg	0.245	0.239	98.1	28-147	2.57	32	L404233-01	WG423787	
Chloroethane	mg/kg	0.251	0.243	99.8	0-172	3.15	38	L404233-01	WG423787	
Chloroform	mg/kg	0.217	0.210	86.3	28-138	3.21	30	L404233-01	WG423787	
Chloromethane	mg/kg	0.235	0.233	93.8	10-158	0.875	35	L404233-01	WG423787	
cis-1,2-Dichloroethene	mg/kg	0.235	0.229	93.9	21-147	2.31	31	L404233-01	WG423787	
cis-1,3-Dichloropropene	mg/kg	0.231	0.222	92.3	17-145	3.69	32	L404233-01	WG423787	
Dichlorodifluoromethane	mg/kg	0.278	0.273	111.	0-192	1.74	38	L404233-01	WG423787	
Ethylbenzene	mg/kg	0.238	0.240	95.4	12-137	0.724	36	L404233-01	WG423787	
Isopropylbenzene	mg/kg	0.242	0.239	96.9	14-134	1.51	37	L404233-01	WG423787	
Methyl tert-butyl ether	mg/kg	0.210	0.209	83.9	21-157	0.188	31	L404233-01	WG423787	
Methylene Chloride	mg/kg	0.218	0.215	87.2	12-149	1.28	31	L404233-01	WG423787	
Styrene	mg/kg	0.236	0.238	94.4	10-140	0.989	35	L404233-01	WG423787	
Tetrachloroethene	mg/kg	0.245	0.238	97.9	10-131	2.88	35	L404233-01	WG423787	
Toluene	mg/kg	0.233	0.223	93.1	12-136	4.20	32	L404233-01	WG423787	
trans-1,2-Dichloroethene	mg/kg	0.246	0.237	98.5	10-143	4.00	33	L404233-01	WG423787	
trans-1,3-Dichloropropene	mg/kg	0.226	0.219	90.3	16-147	3.17	32	L404233-01	WG423787	
Trichloroethene	mg/kg	0.250	0.235	99.9	10-155	6.18	33	L404233-01	WG423787	
Trichlorofluoromethane	mg/kg	0.245	0.233	97.9	10-154	4.90	32	L404233-01	WG423787	
Vinyl chloride	mg/kg	0.247	0.234	98.6	10-159	5.29	36	L404233-01	WG423787	
4-Bromofluorobenzene				97.08	59-140				WG423787	
Dibromofluoromethane				95.67	63-139				WG423787	

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			Ref	%Rec					
Toluene-d8				101.9	84-116				
1,2,4,5-Tetrachlorobenzene	ppm	0.298	0.275	89.4	47-111	7.77	20	L404242-05	WG423526
2,4,5-Trichlorophenol	ppm	0.309	0.277	92.7	28-128	10.6	29	L404242-05	WG423526
2,4,6-Trichlorophenol	ppm	0.301	0.263	90.5	27-128	13.7	31	L404242-05	WG423526
2,4-Dichlorophenol	ppm	0.283	0.254	85.1	39-116	10.9	23	L404242-05	WG423526
2,4-Dimethylphenol	ppm	0.440	0.418	132.176*	50-119	5.25	27	L404242-05	WG423526
2,4-Dinitrophenol	ppm	0.118	0.146	35.5	10-123	21.4	42	L404242-05	WG423526
2,4-Dinitrotoluene	ppm	0.276	0.281	83.0	52-121	1.65	23	L404242-05	WG423526
2,6-Dinitrotoluene	ppm	0.294	0.253	88.4	53-114	15.2	22	L404242-05	WG423526
2-Chloronaphthalene	ppm	0.271	0.233	81.5	52-101	15.1	20	L404242-05	WG423526
2-Chlorophenol	ppm	0.265	0.231	79.6	41-112	13.9	27	L404242-05	WG423526
2-Methylnaphthalene	ppm	0.283	0.238	85.0	48-109	17.5	22	L404242-05	WG423526
2-Methylphenol	ppm	0.300	0.259	90.2	56-111	14.7	20	L404242-05	WG423526
2-Nitroaniline	ppm	0.287	0.257	86.2	52-117	10.9	24	L404242-05	WG423526
2-Nitrophenol	ppm	0.263	0.252	79.0	23-117	4.45	31	L404242-05	WG423526
3&4-Methyl Phenol	ppm	0.352	0.298	106.	50-134	16.7	32	L404242-05	WG423526
3,3-Dichlorobenzidine	ppm	0.126	0.132	37.9	10-133	4.58	41	L404242-05	WG423526
3-Nitroaniline	ppm	0.236	0.224	70.7	5-134	5.10	30	L404242-05	WG423526
4,6-Dinitro-2-methylphenol	ppm	0.117	0.175	35.1	10-124	40.0*	38	L404242-05	WG423526
4-Bromophenyl-phenylether	ppm	0.241	0.224	72.3	37-103	7.20	23	L404242-05	WG423526
4-Chloro-3-methylphenol	ppm	0.291	0.255	87.3	52-119	13.0	24	L404242-05	WG423526
4-Chloroaniline	ppm	0.236	0.245	70.7	4-134	4.05	28	L404242-05	WG423526
4-Chlorophenyl-phenylether	ppm	0.276	0.236	83.0	53-105	15.6	20	L404242-05	WG423526
4-Nitroaniline	ppm	0.268	0.260	80.4	12-129	2.98	34	L404242-05	WG423526
4-Nitrophenol	ppm	0.279	0.267	83.8	15-140	4.48	40	L404242-05	WG423526
Acenaphthene	ppm	0.289	0.258	86.9	52-102	11.6	23	L404242-05	WG423526
Acenaphthylene	ppm	0.291	0.264	87.3	54-103	9.69	22	L404242-05	WG423526
Acetophenone	ppm	0.281	0.230	84.4	38-94	20.1	22	L404242-05	WG423526
Anthracene	ppm	0.295	0.257	88.4	55-114	13.6	21	L404242-05	WG423526
Atrazine	ppm	0.335	0.303	101.	40-144	10.2	21	L404242-05	WG423526
Benzaldehyde	ppm	0.232	0.0946	69.6	0-100	84.1*	37	L404242-05	WG423526
Benzo(a)anthracene	ppm	0.265	0.263	79.5	37-124	0.729	33	L404242-05	WG423526
Benzo(a)pyrene	ppm	0.300	0.266	90.2	44-129	12.2	27	L404242-05	WG423526
Benzo(b)fluoranthene	ppm	0.312	0.239	93.8	28-135	26.5	33	L404242-05	WG423526
Benzo(g,h,i)perylene	ppm	0.221	0.278	66.4	25-123	22.7	35	L404242-05	WG423526
Benzo(k)fluoranthene	ppm	0.314	0.277	94.3	41-116	12.7	34	L404242-05	WG423526
Benzylbutyl phthalate	ppm	0.347	0.282	104.	45-143	20.8	39	L404242-05	WG423526
Biphenyl	ppm	0.261	0.235	78.5	49-103	10.5	24	L404242-05	WG423526
Bis(2-chloroethoxy)methane	ppm	0.258	0.236	77.4	48-108	8.93	23	L404242-05	WG423526
Bis(2-chloroethyl)ether	ppm	0.257	0.201	77.3	36-115	24.5	30	L404242-05	WG423526
Bis(2-chloroisopropyl)ether	ppm	0.277	0.228	83.1	44-109	19.3	27	L404242-05	WG423526
Bis(2-ethylhexyl)phthalate	ppm	0.317	0.278	95.2	40-128	13.2	34	L404242-05	WG423526
Caprolactam	ppm	0.289	0.283	86.7	26-140	1.89	27	L404242-05	WG423526
Carbazole	ppm	0.275	0.256	82.6	43-122	7.19	25	L404242-05	WG423526
Chrysene	ppm	0.289	0.244	86.8	39-119	17.1	31	L404242-05	WG423526
Di-n-butyl phthalate	ppm	0.287	0.266	86.2	49-121	7.48	22	L404242-05	WG423526
Di-n-octyl phthalate	ppm	0.242	0.267	72.7	40-132	9.93	27	L404242-05	WG423526
Dibenz(a,h)anthracene	ppm	0.217	0.249	65.1	29-123	13.9	30	L404242-05	WG423526
Dibenzofuran	ppm	0.284	0.259	85.3	54-111	9.28	21	L404242-05	WG423526
Diethyl phthalate	ppm	0.282	0.254	84.7	51-113	10.4	21	L404242-05	WG423526
Dimethyl phthalate	ppm	0.276	0.257	82.8	54-108	7.07	23	L404242-05	WG423526
Fluoranthene	ppm	0.281	0.276	84.3	23-143	1.57	29	L404242-05	WG423526
Fluorene	ppm	0.300	0.274	90.1	53-107	9.01	22	L404242-05	WG423526
Hexachloro-1,3-butadiene	ppm	0.279	0.267	83.9	39-113	4.58	26	L404242-05	WG423526
Hexachlorobenzene	ppm	0.270	0.236	81.0	49-108	13.2	27	L404242-05	WG423526
Hexachlorocyclopentadiene	ppm	0.229	0.214	68.7	10-131	6.84	39	L404242-05	WG423526
Hexachloroethane	ppm	0.278	0.220	83.5	25-118	23.1	35	L404242-05	WG423526
Indeno(1,2,3-cd)pyrene	ppm	0.213	0.254	64.0	28-125	17.6	32	L404242-05	WG423526
Isophorone	ppm	0.262	0.230	78.8	51-115	13.3	22	L404242-05	WG423526

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Quality Assurance Report
Level II

June 29, 2009

L403980

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit Ref	Samp	Batch
			Ref	%Rec					
n-Nitrosodi-n-propylamine	ppm	0.256	0.220	76.7	54-110	14.9	23	L404242-05	WG423526
n-Nitrosodiphenylamine	ppm	0.273	0.233	82.1	54-138	15.7	26	L404242-05	WG423526
Naphthalene	ppm	0.270	0.227	80.9	41-100	17.2	26	L404242-05	WG423526
Nitrobenzene	ppm	0.247	0.217	74.1	40-102	12.6	24	L404242-05	WG423526
Pentachlorophenol	ppm	0.319	0.289	95.9	10-146	9.88	35	L404242-05	WG423526
Phenanthrene	ppm	0.279	0.261	83.7	37-125	6.39	27	L404242-05	WG423526
Phenol	ppm	0.273	0.241	81.9	52-111	12.2	22	L404242-05	WG423526
Pyrene	ppm	0.319	0.247	95.7	22-151	25.4	38	L404242-05	WG423526
2,4,6-Tribromophenol				94.49	25-137				WG423526
2-Fluorobiphenyl				80.03	30-120				WG423526
2-Fluorophenol				88.83	26-130				WG423526
Nitrobenzene-d5				81.00	18-119				WG423526
Phenol-d5				85.23	37-141				WG423526
p-Terphenyl-d14				98.95	23-143				WG423526
1,1,1-Trichloroethane	mg/l	0.535	0.558	85.7	31-161	4.19	23	L403957-01	WG423629
1,1,2,2-Tetrachloroethane	mg/l	0.583	0.510	93.3	49-149	13.4	22	L403957-01	WG423629
1,1,2-Trichloroethane	mg/l	0.575	0.511	91.9	46-145	11.8	20	L403957-01	WG423629
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	0.574	0.601	40.7	14-168	4.46	24	L403957-01	WG423629
1,1-Dichloroethane	mg/l	0.546	0.563	87.3	30-159	3.10	21	L403957-01	WG423629
1,1-Dichloroethene	mg/l	0.526	0.567	80.8	10-162	7.63	23	L403957-01	WG423629
1,2,3-Trichlorobenzene	mg/l	0.631	0.529	101.	32-143	17.6	33	L403957-01	WG423629
1,2,4-Trichlorobenzene	mg/l	0.615	0.547	98.4	27-142	11.7	30	L403957-01	WG423629
1,2-Dibromo-3-Chloropropane	mg/l	0.511	0.489	81.7	37-148	4.23	27	L403957-01	WG423629
1,2-Dibromoethane	mg/l	0.568	0.491	90.8	41-149	14.4	21	L403957-01	WG423629
1,2-Dichlorobenzene	mg/l	0.579	0.580	92.7	40-139	0.024	23	L403957-01	WG423629
1,2-Dichloroethane	mg/l	0.584	0.523	93.4	29-167	11.1	21	L403957-01	WG423629
1,2-Dichloropropane	mg/l	0.551	0.539	88.1	39-148	2.03	20	L403957-01	WG423629
1,3-Dichlorobenzene	mg/l	0.576	0.574	92.1	32-148	0.223	24	L403957-01	WG423629
1,4-Dichlorobenzene	mg/l	0.561	0.568	89.7	32-136	1.23	23	L403957-01	WG423629
2-Butanone (MEK)	mg/l	2.80	2.47	89.4	32-151	12.4	26	L403957-01	WG423629
2-Hexanone	mg/l	3.05	2.53	97.5	41-155	18.6	28	L403957-01	WG423629
4-Methyl-2-pentanone (MIBK)	mg/l	3.05	2.62	97.7	40-160	15.0	28	L403957-01	WG423629
Acetone	mg/l	2.49	2.84	79.6	25-157	13.3	26	L403957-01	WG423629
Benzene	mg/l	0.544	0.553	87.1	16-158	1.50	21	L403957-01	WG423629
Bromochloromethane	mg/l	0.580	0.548	92.8	36-154	5.74	21	L403957-01	WG423629
Bromodichloromethane	mg/l	0.578	0.564	92.5	45-147	2.49	20	L403957-01	WG423629
Bromoform	mg/l	0.640	0.548	102.	38-152	15.4	20	L403957-01	WG423629
Bromomethane	mg/l	0.578	0.613	92.5	0-191	5.85	35	L403957-01	WG423629
Carbon disulfide	mg/l	0.475	0.541	75.9	10-166	13.0	25	L403957-01	WG423629
Carbon tetrachloride	mg/l	0.484	0.508	77.4	22-168	4.83	24	L403957-01	WG423629
Chlorobenzene	mg/l	0.544	0.556	87.0	33-148	2.10	22	L403957-01	WG423629
Chlorodibromomethane	mg/l	0.609	0.563	97.4	48-151	7.78	21	L403957-01	WG423629
Chloroethane	mg/l	0.543	0.577	86.9	4-176	5.98	27	L403957-01	WG423629
Chloroform	mg/l	0.514	0.526	82.2	37-147	2.32	21	L403957-01	WG423629
Chloromethane	mg/l	0.542	0.582	86.7	10-174	7.14	28	L403957-01	WG423629
cis-1,2-Dichloroethene	mg/l	0.742	0.766	89.9	29-156	3.13	22	L403957-01	WG423629
cis-1,3-Dichloropropene	mg/l	0.583	0.535	93.3	35-148	8.66	21	L403957-01	WG423629
Dichlorodifluoromethane	mg/l	0.528	0.562	84.5	0-200	6.18	26	L403957-01	WG423629
Ethylbenzene	mg/l	0.535	0.569	85.5	29-150	6.25	24	L403957-01	WG423629
Isopropylbenzene	mg/l	0.552	0.580	88.3	35-147	4.97	25	L403957-01	WG423629
Methyl tert-butyl ether	mg/l	0.604	0.560	96.7	24-167	7.60	22	L403957-01	WG423629
Methylene Chloride	mg/l	0.570	0.575	91.1	23-151	0.930	21	L403957-01	WG423629
Styrene	mg/l	0.572	0.562	91.5	38-149	1.74	23	L403957-01	WG423629
Tetrachloroethene	mg/l	2.85	3.09	72.3	13-157	8.02	24	L403957-01	WG423629
Toluene	mg/l	0.532	0.536	82.8	22-152	0.894	22	L403957-01	WG423629
trans-1,2-Dichloroethene	mg/l	0.514	0.568	82.2	11-160	10.0	23	L403957-01	WG423629
trans-1,3-Dichloropropene	mg/l	0.570	0.484	91.1	33-153	16.2	22	L403957-01	WG423629

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Quality Assurance Report
Level II

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L403980

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit Ref	Samp	Batch
			Ref	%Rec					
Trichloroethene	mg/l	0.799	0.841	84.6	18-163	5.11	21	L403957-01	WG423629
Trichlorofluoromethane	mg/l	0.539	0.566	86.3	10-177	4.83	24	L403957-01	WG423629
Vinyl chloride	mg/l	0.516	0.558	82.6	0-179	7.71	26	L403957-01	WG423629
4-Bromofluorobenzene				99.84	75-128				WG423629
Dibromofluoromethane				103.3	79-125				WG423629
Toluene-d8				101.7	87-114				WG423629
1-Methylnaphthalene	ppm	0.0668	0.0742	112.	19-131	10.5	30	L403980-04	WG423440
2-Chloronaphthalene	ppm	0.0278	0.0291	84.2	38-117	4.57	26	L403980-04	WG423440
2-Methylnaphthalene	ppm	0.0507	0.0618	93.1	18-125	19.7	29	L403980-04	WG423440
Acenaphthene	ppm	0.0259	0.0327	78.5	31-120	23.4	30	L403980-04	WG423440
Acenaphthylene	ppm	0.0311	0.0353	94.3	34-116	12.7	29	L403980-04	WG423440
Anthracene	ppm	0.0265	0.0303	80.2	32-131	13.5	26	L403980-04	WG423440
Benzo(a)anthracene	ppm	0.0292	0.0300	61.3	32-131	2.48	31	L403980-04	WG423440
Benzo(a)pyrene	ppm	0.0300	0.0340	67.4	28-130	12.3	28	L403980-04	WG423440
Benzo(b)fluoranthene	ppm	0.0376	0.0414	77.7	37-130	9.42	41	L403980-04	WG423440
Benzo(g,h,i)perylene	ppm	0.0147	0.0191	25.9	10-134	26.5*	26	L403980-04	WG423440
Benzo(k)fluoranthene	ppm	0.0339	0.0403	79.1	31-129	17.2	42	L403980-04	WG423440
Chrysene	ppm	0.0314	0.0316	77.3	25-137	0.546	22	L403980-04	WG423440
Dibenz(a,h)anthracene	ppm	0.0153	0.0167	46.4	20-134	8.86	25	L403980-04	WG423440
Fluoranthene	ppm	0.0411	0.0399	88.1	27-138	2.88	35	L403980-04	WG423440
Fluorene	ppm	0.0314	0.0357	95.1	26-136	12.8	30	L403980-04	WG423440
Indeno(1,2,3-cd)pyrene	ppm	0.0142	0.0169	43.1	16-135	17.2	26	L403980-04	WG423440
Naphthalene	ppm	0.0342	0.0393	67.4	22-121	13.7	30	L403980-04	WG423440
Phenanthrene	ppm	0.0334	0.0392	68.0	27-133	15.8	36	L403980-04	WG423440
Pyrene	ppm	0.0407	0.0381	74.9	22-133	6.68	33	L403980-04	WG423440
2-Fluorobiphenyl				68.20	30-120				WG423440
Nitrobenzene-d5				54.60	18-119				WG423440
p-Terphenyl-d14				91.50	23-143				WG423440
Beryllium,Dissolved	mg/l	0.988	0.993	87.4	75-125	0.505	20	L404101-03	WG423363
Cadmium,Dissolved	mg/l	1.04	1.05	92.0	75-125	0.957	20	L404101-03	WG423363
Chromium,Dissolved	mg/l	1.02	1.04	90.3	75-125	1.94	20	L404101-03	WG423363
Copper,Dissolved	mg/l	1.04	1.06	92.0	75-125	1.90	20	L404101-03	WG423363
Lead,Dissolved	mg/l	1.06	1.09	93.8	75-125	2.79	20	L404101-03	WG423363
Nickel,Dissolved	mg/l	1.04	1.06	90.9	75-125	1.90	20	L404101-03	WG423363
Selenium,Dissolved	mg/l	1.03	1.04	90.2	75-125	0.966	20	L404101-03	WG423363
Silver,Dissolved	mg/l	0.0633	0.0625	5.425*	75-125	1.27	20	L404101-03	WG423363
Zinc,Dissolved	mg/l	1.02	1.04	89.7	75-125	1.94	20	L404101-03	WG423363
Antimony	mg/kg	20.8	19.7	41.571*	75-125	5.43	20	L403985-12	WG423454
Arsenic	mg/kg	51.8	50.4	97.6	75-125	2.74	20	L403985-12	WG423454
Beryllium	mg/kg	49.9	48.2	98.7	75-125	3.47	20	L403985-12	WG423454
Cadmium	mg/kg	46.3	44.6	92.5	75-125	3.74	20	L403985-12	WG423454
Chromium	mg/kg	77.4	78.8	94.8	75-125	1.79	20	L403985-12	WG423454
Copper	mg/kg	85.1	89.0	106.	75-125	4.48	20	L403985-12	WG423454
Lead	mg/kg	59.6	58.8	93.2	75-125	1.35	20	L403985-12	WG423454
Nickel	mg/kg	60.2	60.1	97.6	75-125	0.166	20	L403985-12	WG423454
Selenium	mg/kg	44.4	43.0	88.8	75-125	3.20	20	L403985-12	WG423454
Silver	mg/kg	50.0	48.5	100.	75-125	3.05	20	L403985-12	WG423454
Zinc	mg/kg	224.	225.	102.	75-125	0.445	20	L403985-12	WG423454
Thallium	mg/kg	60.9	42.7	122.	75-125	35.1*	20	L403985-12	WG423454
Beryllium	mg/l	1.10	1.09	97.3	75-125	0.913	20	L404463-04	WG424232
Cadmium	mg/l	1.10	1.09	97.3	75-125	0.913	20	L404463-04	WG424232

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Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref	Samp	Batch
			Ref	%Rec						
Chromium	mg/l	1.08	1.06	95.6	75-125	1.87	20	L404463-04	WG424232	
Copper	mg/l	1.09	1.09	96.2	75-125	0.00	20	L404463-04	WG424232	
Lead	mg/l	1.17	1.17	102.	75-125	0.00	20	L404463-04	WG424232	
Nickel	mg/l	1.13	1.13	100.	75-125	0.00	20	L404463-04	WG424232	
Selenium	mg/l	1.09	1.11	96.5	75-125	1.82	20	L404463-04	WG424232	
Silver	mg/l	0.230	0.200	20.354*	75-125	14.0	20	L404463-04	WG424232	
Zinc	mg/l	1.09	1.08	95.9	75-125	0.922	20	L404463-04	WG424232	
Lead	mg/kg	48.7	48.2	95.4	75-125	1.03	20	L403980-10	WG424566	
Antimony, Dissolved	mg/l	0.0540	0.0530	95.2	75-125	1.87	20	L403980-06	WG423775	
Arsenic, Dissolved	mg/l	0.0534	0.0533	93.0	75-125	0.187	20	L403980-06	WG423775	
Thallium, Dissolved	mg/l	0.0504	0.0496	88.9	75-125	1.60	20	L403980-06	WG423775	
Antimony	mg/l	0.0561	0.0570	98.9	75-125	1.59	20	L404641-23	WG424398	
Arsenic	mg/l	0.0515	0.0532	85.4	75-125	3.25	20	L404641-23	WG424398	
Thallium	mg/l	0.0538	0.0539	94.9	75-125	0.186	20	L404641-23	WG424398	
Mercury	mg/l	0.0031	0.0031	105.	70-130	0.318	20	L406775-15	WG426094	
Mercury, Dissolved	mg/l	0.0033	0.0033	112.	70-130	2.10	20	L406945-16	WG426098	
Beryllium	mg/l	1.08	1.08	95.6	75-125	0.00	20	L406969-23	WG426343	
Cadmium	mg/l	1.13	1.14	100.	75-125	0.881	20	L406969-23	WG426343	
Chromium	mg/l	1.08	1.07	95.6	75-125	0.930	20	L406969-23	WG426343	
Copper	mg/l	1.14	1.14	101.	75-125	0.00	20	L406969-23	WG426343	
Lead	mg/l	1.12	1.11	99.1	75-125	0.897	20	L406969-23	WG426343	
Nickel	mg/l	1.12	1.11	99.1	75-125	0.897	20	L406969-23	WG426343	
Selenium	mg/l	1.05	1.03	92.9	75-125	1.92	20	L406969-23	WG426343	
Silver	mg/l	0.138	0.140	12.212*	75-125	1.44	20	L406969-23	WG426343	
Zinc	mg/l	1.11	1.12	97.1	75-125	0.897	20	L406969-23	WG426343	
Antimony	mg/l	0.0615	0.0638	108.	75-125	3.67	20	L406118-02	WG426269	
Arsenic	mg/l	0.0579	0.0570	102.	75-125	1.57	20	L406118-02	WG426269	
Thallium	mg/l	0.0581	0.0648	102.	75-125	10.9	20	L406118-02	WG426269	
Antimony, Dissolved	mg/l	0.0594	0.0582	105.	75-125	2.04	20	L407348-02	WG426484	
Arsenic, Dissolved	mg/l	0.0612	0.0593	102.	75-125	3.15	20	L407348-02	WG426484	
Thallium, Dissolved	mg/l	0.0614	0.0607	108.	75-125	1.15	20	L407348-02	WG426484	

Batch number / Run number / Sample number cross reference

WG423109: R752950: L403980-04 07 10
 WG423182: R753226: L403980-04 07
 WG422935: R754327: L403980-05 08 11
 WG423285: R754330: L403980-01 04 07 10
 WG423335: R754547: L403980-10
 WG423494: R754746: L403980-01
 WG423412: R755626: L403980-01 04
 WG423413: R755627: L403980-07 10

* Performance of this Analyte is outside of established criteria.
 For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'



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SLR International Corp. - West Linn, OR
Chris Kramer
1800 Blankenship Road, Suite 440

Quality Assurance Report
Level II

West Linn, OR 97068

June 29, 2009

L403980

WG423294: R755687: L403980-03 06 09
WG423440: R755726: L403980-01 04 07
WG423184: R756009: L403980-10
WG423626: R756626: L403980-02
WG423123: R756867: L403980-06 09
WG423525: R757126: L403980-01
WG423787: R759206: L403980-01
WG423526: R759406: L403980-10
WG423739: R759727: L403980-12
WG423629: R759806: L403980-03 06 09 12
WG423743: R760708: L403980-12
WG423854: R761426: L403980-03
WG423363: R763047: L403980-06 09
WG423454: R763886: L403980-01 04 07 10
WG424340: R764086: L403980-12
WG424232: R766446: L403980-06 09
WG424233: R766886: L403980-06 09
WG424566: R769026: L403980-10
WG423775: R770926: L403980-06 09
WG424943: R771826: L403980-01 04 07 10
WG424398: R775766: L403980-06 09
WG426094: R781586: L403980-03
WG426098: R781732: L403980-03
WG426343: R782088: L403980-03
WG426483: R782806: L403980-03
WG426269: R782827: L403980-03
WG426484: R783346: L403980-03
WG427442: R788346: L403980-01 10
WG427744: R789452: L403980-03 06 09 12
WG428103: R793871: L403980-10

* * Calculations are performed prior to rounding of reported values .
* Performance of this Analyte is outside of established criteria.
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Level II

West Linn, OR 97068

L403980

June 29, 2009

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.



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Chris Kramer
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West Linn, OR 97068

Report Summary

Thursday June 25, 2009

Report Number: L404242

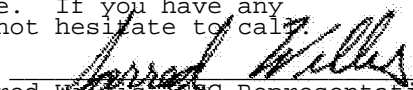
Samples Received: 05/23/09

Client Project: 008.0339.00001

Description: Bay Wood Project - Everett, WA

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:


Jarred Willis, ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140
NJ - TN002, NJ NELAP - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910

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Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.



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REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 25, 2009

Date Received : May 23, 2009
Description : Bay Wood Project - Everett, WA

ESC Sample # : L404242-01

Sample ID : PB-1B-13.5

Site ID : EVERETT, WA

Collected By :
Collection Date : 05/21/09 14:20

Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
Total Solids	84.8			%		2540G	05/29/09	1
Mercury	0.020	0.0025	0.024	mg/kg	J	7471	05/26/09	1
Antimony	3.3	0.52	1.2	mg/kg		6010B	06/02/09	1
Arsenic	4.0	0.27	1.2	mg/kg		6010B	05/30/09	1
Beryllium	U	0.38	1.2	mg/kg	O	6010B	05/31/09	10
Cadmium	0.35	0.037	0.29	mg/kg		6010B	05/30/09	1
Chromium	32.	0.098	0.59	mg/kg		6010B	05/30/09	1
Copper	16.	0.30	1.2	mg/kg		6010B	05/30/09	1
Lead	5.4	0.096	0.29	mg/kg		6010B	05/30/09	1
Nickel	40.	0.49	1.2	mg/kg		6010B	05/30/09	1
Selenium	U	0.33	1.2	mg/kg		6010B	05/30/09	1
Silver	0.94	0.16	0.59	mg/kg		6010B	05/30/09	1
Thallium	8.7	0.30	1.2	mg/kg		6010B	05/30/09	1
Zinc	41.	0.44	1.8	mg/kg		6010B	05/30/09	1
Volatile Organics								
Acetone	U	0.017	0.059	mg/kg		8260B	05/27/09	1
Benzene	U	0.00032	0.0012	mg/kg		8260B	05/27/09	1
Bromochloromethane	U	0.00045	0.0012	mg/kg		8260B	05/27/09	1
Bromodichloromethane	U	0.00039	0.0012	mg/kg		8260B	05/27/09	1
Bromoform	U	0.00058	0.0012	mg/kg		8260B	05/27/09	1
Bromomethane	U	0.0013	0.0059	mg/kg		8260B	05/27/09	1
2-Butanone (MEK)	U	0.0027	0.012	mg/kg		8260B	05/27/09	1
Carbon disulfide	0.0041	0.00033	0.0012	mg/kg		8260B	05/27/09	1
Carbon tetrachloride	U	0.00032	0.0012	mg/kg		8260B	05/27/09	1
Chlorobenzene	U	0.00025	0.0012	mg/kg		8260B	05/27/09	1
Chloroethane	U	0.00059	0.0059	mg/kg		8260B	05/27/09	1
Chloroform	U	0.00041	0.0059	mg/kg		8260B	05/27/09	1
Chloromethane	U	0.00056	0.0012	mg/kg		8260B	05/27/09	1
1,2-Dibromo-3-Chloropropane	U	0.0012	0.0059	mg/kg		8260B	05/27/09	1
Chlorodibromomethane	U	0.00023	0.0012	mg/kg		8260B	05/27/09	1
1,2-Dibromoethane	U	0.00032	0.0012	mg/kg		8260B	05/27/09	1
1,2-Dichlorobenzene	U	0.00024	0.0012	mg/kg		8260B	05/27/09	1
1,3-Dichlorobenzene	U	0.00038	0.0012	mg/kg		8260B	05/27/09	1
1,4-Dichlorobenzene	U	0.00022	0.0012	mg/kg		8260B	05/27/09	1
Dichlorodifluoromethane	U	0.00032	0.0059	mg/kg		8260B	05/27/09	1
1,1-Dichloroethane	U	0.00026	0.0012	mg/kg		8260B	05/27/09	1
1,2-Dichloroethane	U	0.00053	0.0012	mg/kg		8260B	05/27/09	1
1,1-Dichloroethene	U	0.00074	0.0012	mg/kg		8260B	05/27/09	1
cis-1,2-Dichloroethene	U	0.00072	0.0012	mg/kg		8260B	05/27/09	1
trans-1,2-Dichloroethene	U	0.00068	0.0012	mg/kg		8260B	05/27/09	1

Results listed are dry weight basis.

U = ND (Not Detected)

MDL = Minimum Detection Limit = LOD

RDL = Reported Detection Limit = LOQ = PQL = EQL

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REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 25, 2009

Date Received : May 23, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-1B-13.5
Collected By :
Collection Date : 05/21/09 14:20

ESC Sample # : L404242-01
Site ID : EVERETT, WA
Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
1,2-Dichloropropane	U	0.00075	0.0012	mg/kg		8260B	05/27/09	1
cis-1,3-Dichloropropene	U	0.00026	0.0012	mg/kg		8260B	05/27/09	1
trans-1,3-Dichloropropene	U	0.00036	0.0012	mg/kg		8260B	05/27/09	1
Ethylbenzene	U	0.00023	0.0012	mg/kg		8260B	05/27/09	1
2-Hexanone	U	0.00036	0.0012	mg/kg		8260B	05/27/09	1
Isopropylbenzene	U	0.00021	0.0012	mg/kg		8260B	05/27/09	1
4-Methyl-2-pentanone (MIBK)	U	0.0014	0.012	mg/kg		8260B	05/27/09	1
Methyl tert-butyl ether	U	0.00028	0.0012	mg/kg		8260B	05/27/09	1
Methylene Chloride	U	0.00060	0.0059	mg/kg		8260B	05/27/09	1
Styrene	U	0.00020	0.0012	mg/kg		8260B	05/27/09	1
1,1,2,2-Tetrachloroethane	U	0.00033	0.0012	mg/kg		8260B	05/27/09	1
Tetrachloroethene	U	0.00023	0.0012	mg/kg		8260B	05/27/09	1
Toluene	U	0.0012	0.0059	mg/kg		8260B	05/27/09	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.00025	0.0012	mg/kg		8260B	05/27/09	1
1,2,3-Trichlorobenzene	U	0.00023	0.0012	mg/kg		8260B	05/27/09	1
1,2,4-Trichlorobenzene	U	0.00025	0.0012	mg/kg		8260B	05/27/09	1
1,1,1-Trichloroethane	U	0.00052	0.0012	mg/kg		8260B	05/27/09	1
1,1,2-Trichloroethane	U	0.00046	0.0012	mg/kg		8260B	05/27/09	1
Trichloroethene	U	0.00034	0.0012	mg/kg		8260B	05/27/09	1
Trichlorofluoromethane	U	0.00027	0.0059	mg/kg		8260B	05/27/09	1
Vinyl chloride	U	0.00029	0.0012	mg/kg		8260B	05/27/09	1
Xylenes, Total	U	0.00046	0.0035	mg/kg		8260B	05/27/09	1
Cyclohexane	U	0.00033	0.0012	mg/kg	Q	8260B	06/20/09	1
1,4-Dioxane	U	0.033	0.12	mg/kg	Q	8260B	06/20/09	1
Methyl Acetate	U	0.0066	0.024	mg/kg	Q	8260B	06/20/09	1
Methyl Cyclohexane	U	0.00033	0.0012	mg/kg	Q	8260B	06/20/09	1
Surrogate Recovery								
Toluene-d8	99.9			% Rec.		8260B	05/27/09	1
Dibromofluoromethane	117.			% Rec.		8260B	05/27/09	1
4-Bromofluorobenzene	111.			% Rec.		8260B	05/27/09	1
Diesel Range Organics (DRO)	U	1.3	4.7	mg/kg		NWTPHDX	06/04/09	1
Residual Range Organics (RRO)	12.	3.3	12.	mg/kg		NWTPHDX	06/04/09	1
Surrogate Recovery								
o-Terphenyl	91.7			% Rec.		NWTPHDX	06/04/09	1
Gasoline Range (C7-C10)	U	1.3	4.7	mg/kg		NWTPH-HC	05/28/09	1
Mineral Spirits	U	1.3	4.7	mg/kg		NWTPH-HC	05/28/09	1
Kerosene (C9-C16)	U	1.3	4.7	mg/kg		NWTPH-HC	05/28/09	1
Diesel (C7-C26)	U	1.3	4.7	mg/kg		NWTPH-HC	05/28/09	1
#6 Fuel Oil (C10-C32)	U	1.3	4.7	mg/kg		NWTPH-HC	05/28/09	1
Hydraulic Fluid (C12-C33)	U	1.3	4.7	mg/kg		NWTPH-HC	05/28/09	1
Motor Oil (C16-C40)	16.	3.3	12.	mg/kg		NWTPH-HC	05/28/09	1

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REPORT OF ANALYSIS

Chris Kramer
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1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 25, 2009

Date Received : May 23, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-1B-13.5
Collected By :
Collection Date : 05/21/09 14:20

ESC Sample # : L404242-01
Site ID : EVERETT, WA
Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
Surrogate recovery(%) o-Terphenyl	104.			% Rec.		NWTPH-HC	05/28/09	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	U	0.0013	0.0071	mg/kg		8270C-SI	05/28/09	1
Acenaphthene	U	0.0013	0.0071	mg/kg		8270C-SI	05/28/09	1
Acenaphthylene	U	0.0011	0.0071	mg/kg		8270C-SI	05/28/09	1
Benzo(a)anthracene	U	0.00096	0.0071	mg/kg		8270C-SI	05/28/09	1
Benzo(a)pyrene	U	0.00083	0.0071	mg/kg		8270C-SI	05/28/09	1
Benzo(b)fluoranthene	U	0.0014	0.0071	mg/kg		8270C-SI	05/28/09	1
Benzo(g,h,i)perylene	U	0.00098	0.0071	mg/kg		8270C-SI	05/28/09	1
Benzo(k)fluoranthene	U	0.0012	0.0071	mg/kg		8270C-SI	05/28/09	1
Chrysene	0.0012	0.00087	0.0071	mg/kg	J	8270C-SI	05/28/09	1
Dibenz(a,h)anthracene	U	0.00089	0.0071	mg/kg		8270C-SI	05/28/09	1
Fluoranthene	0.0018	0.00081	0.0071	mg/kg	J	8270C-SI	05/28/09	1
Fluorene	U	0.0010	0.0071	mg/kg		8270C-SI	05/28/09	1
Indeno(1,2,3-cd)pyrene	U	0.00088	0.0071	mg/kg		8270C-SI	05/28/09	1
Naphthalene	U	0.0014	0.0071	mg/kg		8270C-SI	05/28/09	1
Phenanthrene	0.0019	0.00098	0.0071	mg/kg	J	8270C-SI	05/28/09	1
Pyrene	0.0021	0.00096	0.0071	mg/kg	J	8270C-SI	05/28/09	1
1-Methylnaphthalene	U	0.0015	0.0071	mg/kg		8270C-SI	05/28/09	1
2-Methylnaphthalene	U	0.0020	0.0071	mg/kg		8270C-SI	05/28/09	1
2-Chloronaphthalene	U	0.0010	0.0071	mg/kg		8270C-SI	05/28/09	1
Surrogate Recovery								
Nitrobenzene-d5	59.9			% Rec.		8270C-SI	05/28/09	1
2-Fluorobiphenyl	58.1			% Rec.		8270C-SI	05/28/09	1
p-Terphenyl-d14	58.3			% Rec.		8270C-SI	05/28/09	1

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Est. 1970

REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 25, 2009

Date Received : May 23, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-1B-GW
Collected By :
Collection Date : 05/21/09 14:30

ESC Sample # : L404242-02
Site ID : EVERETT, WA
Project # : 008.0339.00001

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Antimony	1.5	0.29	1.0	ug/l		6020	06/14/09	1
Antimony,Dissolved	0.55	0.29	1.0	ug/l	J	6020	06/16/09	1
Arsenic	9.4	0.22	1.0	ug/l		6020	06/14/09	1
Arsenic,Dissolved	5.8	0.22	1.0	ug/l		6020	06/16/09	1
Thallium	0.65	0.22	1.0	ug/l	J	6020	06/14/09	1
Thallium,Dissolved	U	0.22	1.0	ug/l		6020	06/16/09	1
Mercury	U	0.057	0.20	ug/l		7470A	06/12/09	1
Mercury,Dissolved	U	0.044	0.20	ug/l		7470A	06/14/09	1
Beryllium	U	0.75	2.0	ug/l		6010B	06/13/09	1
Beryllium,Dissolved	U	0.75	2.0	ug/l		6010B	06/15/09	1
Cadmium	2.4	0.74	5.0	ug/l	J	6010B	06/13/09	1
Cadmium,Dissolved	U	0.74	5.0	ug/l		6010B	06/15/09	1
Chromium	14.	2.0	10.	ug/l		6010B	06/13/09	1
Chromium,Dissolved	2.3	2.0	10.	ug/l	J	6010B	06/15/09	1
Copper	9.9	6.0	20.	ug/l	J	6010B	06/13/09	1
Copper,Dissolved	U	6.0	20.	ug/l		6010B	06/15/09	1
Lead	U	1.9	5.0	ug/l		6010B	06/13/09	1
Lead,Dissolved	U	1.9	5.0	ug/l		6010B	06/15/09	1
Nickel	38.	9.8	20.	ug/l		6010B	06/13/09	1
Nickel,Dissolved	U	9.8	20.	ug/l		6010B	06/15/09	1
Selenium	U	6.5	20.	ug/l		6010B	06/13/09	1
Selenium,Dissolved	7.8	6.5	20.	ug/l	JB	6010B	06/15/09	1
Silver	4.4	3.2	10.	ug/l	J	6010B	06/13/09	1
Silver,Dissolved	4.7	3.2	10.	ug/l	J	6010B	06/15/09	1
Zinc	U	8.8	30.	ug/l		6010B	06/13/09	1
Zinc,Dissolved	U	8.8	30.	ug/l		6010B	06/15/09	1
Volatile Organics								
Acetone	12.	8.9	50.	ug/l	J	8260B	05/27/09	1
Benzene	U	0.29	1.0	ug/l		8260B	05/27/09	1
Bromochloromethane	U	0.44	1.0	ug/l		8260B	05/27/09	1
Bromodichloromethane	U	0.37	1.0	ug/l		8260B	05/27/09	1
Bromoform	U	0.51	1.0	ug/l		8260B	05/27/09	1
Bromomethane	U	0.89	5.0	ug/l		8260B	05/27/09	1
2-Butanone (MEK)	U	4.5	10.	ug/l		8260B	05/27/09	1
Carbon disulfide	0.64	0.32	1.0	ug/l	J	8260B	05/27/09	1
Carbon tetrachloride	U	0.31	1.0	ug/l		8260B	05/27/09	1
Chlorobenzene	U	0.26	1.0	ug/l		8260B	05/27/09	1
Chloroethane	U	0.86	5.0	ug/l		8260B	05/27/09	1
Chloroform	U	0.33	5.0	ug/l		8260B	05/27/09	1
Chloromethane	U	0.25	2.5	ug/l		8260B	05/27/09	1

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1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 25, 2009

Date Received : May 23, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-1B-GW
Collected By :
Collection Date : 05/21/09 14:30

ESC Sample # : L404242-02
Site ID : EVERETT, WA
Project # : 008.0339.00001

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
1,2-Dibromo-3-Chloropropane	U	0.48	5.0	ug/l		8260B	05/27/09	1
Chlorodibromomethane	U	0.42	5.0	ug/l		8260B	05/27/09	1
1,2-Dibromoethane	U	0.48	1.0	ug/l		8260B	05/27/09	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l		8260B	05/27/09	1
1,3-Dichlorobenzene	U	0.19	1.0	ug/l		8260B	05/27/09	1
1,4-Dichlorobenzene	U	0.30	1.0	ug/l		8260B	05/27/09	1
Dichlorodifluoromethane	U	0.54	5.0	ug/l		8260B	05/27/09	1
1,1-Dichloroethane	U	0.31	1.0	ug/l		8260B	05/27/09	1
1,2-Dichloroethane	U	0.27	1.0	ug/l		8260B	05/27/09	1
1,1-Dichloroethene	U	0.50	1.0	ug/l		8260B	05/27/09	1
cis-1,2-Dichloroethene	U	0.38	1.0	ug/l		8260B	05/27/09	1
trans-1,2-Dichloroethene	U	0.30	1.0	ug/l		8260B	05/27/09	1
1,2-Dichloropropane	U	0.52	1.0	ug/l		8260B	05/27/09	1
cis-1,3-Dichloropropene	U	0.26	1.0	ug/l		8260B	05/27/09	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l		8260B	05/27/09	1
Ethylbenzene	U	0.22	1.0	ug/l		8260B	05/27/09	1
2-Hexanone	U	1.6	10.	ug/l		8260B	05/27/09	1
Isopropylbenzene	U	0.19	1.0	ug/l		8260B	05/27/09	1
4-Methyl-2-pentanone (MIBK)	U	1.4	10.	ug/l		8260B	05/27/09	1
Methyl tert-butyl ether	U	0.19	1.0	ug/l		8260B	05/27/09	1
Methylene Chloride	U	0.30	5.0	ug/l		8260B	05/27/09	1
Styrene	U	0.38	1.0	ug/l		8260B	05/27/09	1
1,1,2,2-Tetrachloroethane	U	0.22	1.0	ug/l		8260B	05/27/09	1
Tetrachloroethene	U	0.29	1.0	ug/l		8260B	05/27/09	1
Toluene	0.31	0.27	5.0	ug/l	J	8260B	05/27/09	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.22	1.0	ug/l		8260B	05/27/09	1
1,2,3-Trichlorobenzene	U	0.24	1.0	ug/l		8260B	05/27/09	1
1,2,4-Trichlorobenzene	U	0.26	1.0	ug/l		8260B	05/27/09	1
1,1,1-Trichloroethane	U	0.27	1.0	ug/l		8260B	05/27/09	1
1,1,2-Trichloroethane	U	0.45	1.0	ug/l		8260B	05/27/09	1
Trichloroethene	U	0.37	1.0	ug/l		8260B	05/27/09	1
Trichlorofluoromethane	U	0.29	5.0	ug/l		8260B	05/27/09	1
Vinyl chloride	U	0.27	1.0	ug/l		8260B	05/27/09	1
Xylenes, Total	U	0.86	3.0	ug/l		8260B	05/27/09	1
Cyclohexane	U	0.30	1.0	ug/l	Q	8260B	06/20/09	1
1,4-Dioxane	U	33.	100	ug/l	Q	8260B	06/20/09	1
Methyl Acetate	U	6.6	20.	ug/l	Q	8260B	06/20/09	1
Methyl Cyclohexane	U	0.33	1.0	ug/l	Q	8260B	06/20/09	1
Surrogate Recovery								
Toluene-d8		102.		% Rec.		8260B	05/27/09	1
Dibromofluoromethane		96.2		% Rec.		8260B	05/27/09	1
4-Bromofluorobenzene		104.		% Rec.		8260B	05/27/09	1

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1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 25, 2009

Date Received : May 23, 2009
Description : Bay Wood Project - Everett, WA

ESC Sample # : L404242-02

Sample ID : PB-1B-GW

Site ID : EVERETT, WA

Collected By :
Collection Date : 05/21/09 14:30

Project # : 008.0339.00001

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Polynuclear Aromatic Hydrocarbons								
Anthracene	0.020	0.012	0.050	ug/l	J	8270C-S	05/27/09	1
Acenaphthene	0.021	0.013	0.050	ug/l	J	8270C-S	05/27/09	1
Acenaphthylene	U	0.017	0.050	ug/l		8270C-S	05/27/09	1
Benzo(a)anthracene	U	0.023	0.050	ug/l		8270C-S	05/27/09	1
Benzo(a)pyrene	U	0.013	0.050	ug/l		8270C-S	05/27/09	1
Benzo(b)fluoranthene	U	0.024	0.050	ug/l		8270C-S	05/27/09	1
Benzo(g,h,i)perylene	U	0.018	0.050	ug/l		8270C-S	05/27/09	1
Benzo(k)fluoranthene	U	0.020	0.050	ug/l		8270C-S	05/27/09	1
Chrysene	0.028	0.018	0.050	ug/l	J	8270C-S	05/27/09	1
Dibenz(a,h)anthracene	U	0.013	0.050	ug/l		8270C-S	05/27/09	1
Fluoranthene	0.067	0.020	0.050	ug/l		8270C-S	05/27/09	1
Fluorene	0.028	0.012	0.050	ug/l	J	8270C-S	05/27/09	1
Indeno(1,2,3-cd)pyrene	U	0.015	0.050	ug/l		8270C-S	05/27/09	1
Naphthalene	0.22	0.023	0.25	ug/l	J	8270C-S	05/27/09	1
Phenanthrene	0.061	0.018	0.050	ug/l		8270C-S	05/27/09	1
Pyrene	0.050	0.022	0.050	ug/l		8270C-S	05/27/09	1
1-Methylnaphthalene	0.066	0.014	0.25	ug/l	J	8270C-S	05/27/09	1
2-Methylnaphthalene	0.097	0.014	0.25	ug/l	J	8270C-S	05/27/09	1
2-Chloronaphthalene	U	0.014	0.25	ug/l		8270C-S	05/27/09	1
Surrogate Recovery								
Nitrobenzene-d5	51.1				% Rec.	8270C-S	05/27/09	1
2-Fluorobiphenyl	53.4				% Rec.	8270C-S	05/27/09	1
p-Terphenyl-d14	76.4				% Rec.	8270C-S	05/27/09	1

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June 25, 2009

Date Received : May 23, 2009
Description : Bay Wood Project - Everett, WA

ESC Sample # : L404242-03

Sample ID : PB-1A-8

Site ID : EVERETT, WA

Collected By :
Collection Date : 05/21/09 15:20

Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
Total Solids	85.6			%		2540G	05/29/09	1
Mercury	0.0079	0.0025	0.023	mg/kg	J	7471	05/26/09	1
Antimony	3.2	0.52	1.2	mg/kg		6010B	06/02/09	1
Arsenic	4.1	0.27	1.2	mg/kg		6010B	05/30/09	1
Beryllium	U	0.38	1.2	mg/kg	O	6010B	05/31/09	10
Cadmium	0.36	0.037	0.29	mg/kg		6010B	05/30/09	1
Chromium	27.	0.098	0.58	mg/kg		6010B	05/30/09	1
Copper	14.	0.30	1.2	mg/kg		6010B	05/30/09	1
Lead	4.3	0.096	0.29	mg/kg		6010B	05/30/09	1
Nickel	28.	0.49	1.2	mg/kg		6010B	05/30/09	1
Selenium	U	0.33	1.2	mg/kg		6010B	05/30/09	1
Silver	0.90	0.16	0.58	mg/kg		6010B	05/30/09	1
Thallium	9.5	0.30	1.2	mg/kg		6010B	05/30/09	1
Zinc	42.	0.44	1.8	mg/kg		6010B	05/30/09	1
Volatile Organics								
Acetone	U	0.017	0.058	mg/kg		8260B	05/27/09	1
Benzene	U	0.00032	0.0012	mg/kg		8260B	05/27/09	1
Bromochloromethane	U	0.00045	0.0012	mg/kg		8260B	05/27/09	1
Bromodichloromethane	U	0.00039	0.0012	mg/kg		8260B	05/27/09	1
Bromoform	U	0.00058	0.0012	mg/kg		8260B	05/27/09	1
Bromomethane	U	0.0013	0.0058	mg/kg		8260B	05/27/09	1
2-Butanone (MEK)	U	0.0027	0.012	mg/kg		8260B	05/27/09	1
Carbon disulfide	U	0.00033	0.0012	mg/kg		8260B	05/27/09	1
Carbon tetrachloride	U	0.00032	0.0012	mg/kg		8260B	05/27/09	1
Chlorobenzene	U	0.00025	0.0012	mg/kg		8260B	05/27/09	1
Chloroethane	U	0.00059	0.0058	mg/kg		8260B	05/27/09	1
Chloroform	U	0.00041	0.0058	mg/kg		8260B	05/27/09	1
Chloromethane	U	0.00056	0.0012	mg/kg		8260B	05/27/09	1
1,2-Dibromo-3-Chloropropane	U	0.0012	0.0058	mg/kg		8260B	05/27/09	1
Chlorodibromomethane	U	0.00023	0.0012	mg/kg		8260B	05/27/09	1
1,2-Dibromoethane	U	0.00032	0.0012	mg/kg		8260B	05/27/09	1
1,2-Dichlorobenzene	U	0.00024	0.0012	mg/kg		8260B	05/27/09	1
1,3-Dichlorobenzene	U	0.00038	0.0012	mg/kg		8260B	05/27/09	1
1,4-Dichlorobenzene	U	0.00022	0.0012	mg/kg		8260B	05/27/09	1
Dichlorodifluoromethane	U	0.00032	0.0058	mg/kg		8260B	05/27/09	1
1,1-Dichloroethane	U	0.00026	0.0012	mg/kg		8260B	05/27/09	1
1,2-Dichloroethane	U	0.00053	0.0012	mg/kg		8260B	05/27/09	1
1,1-Dichloroethene	U	0.00074	0.0012	mg/kg		8260B	05/27/09	1
cis-1,2-Dichloroethene	U	0.00072	0.0012	mg/kg		8260B	05/27/09	1
trans-1,2-Dichloroethene	U	0.00068	0.0012	mg/kg		8260B	05/27/09	1

Results listed are dry weight basis.

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West Linn, OR 97068

June 25, 2009

Date Received : May 23, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-1A-8
Collected By :
Collection Date : 05/21/09 15:20

ESC Sample # : L404242-03
Site ID : EVERETT, WA
Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
1,2-Dichloropropane	U	0.00075	0.0012	mg/kg		8260B	05/27/09	1
cis-1,3-Dichloropropene	U	0.00026	0.0012	mg/kg		8260B	05/27/09	1
trans-1,3-Dichloropropene	U	0.00036	0.0012	mg/kg		8260B	05/27/09	1
Ethylbenzene	U	0.00023	0.0012	mg/kg		8260B	05/27/09	1
2-Hexanone	U	0.00036	0.0012	mg/kg		8260B	05/27/09	1
Isopropylbenzene	U	0.00021	0.0012	mg/kg		8260B	05/27/09	1
4-Methyl-2-pentanone (MIBK)	U	0.0014	0.012	mg/kg		8260B	05/27/09	1
Methyl tert-butyl ether	U	0.00028	0.0012	mg/kg		8260B	05/27/09	1
Methylene Chloride	U	0.00060	0.0058	mg/kg		8260B	05/27/09	1
Styrene	U	0.00020	0.0012	mg/kg		8260B	05/27/09	1
1,1,2,2-Tetrachloroethane	U	0.00033	0.0012	mg/kg		8260B	05/27/09	1
Tetrachloroethene	U	0.00023	0.0012	mg/kg		8260B	05/27/09	1
Toluene	U	0.0012	0.0058	mg/kg		8260B	05/27/09	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.00025	0.0012	mg/kg		8260B	05/27/09	1
1,2,3-Trichlorobenzene	U	0.00023	0.0012	mg/kg		8260B	05/27/09	1
1,2,4-Trichlorobenzene	U	0.00025	0.0012	mg/kg		8260B	05/27/09	1
1,1,1-Trichloroethane	U	0.00052	0.0012	mg/kg		8260B	05/27/09	1
1,1,2-Trichloroethane	U	0.00046	0.0012	mg/kg		8260B	05/27/09	1
Trichloroethene	U	0.00034	0.0012	mg/kg		8260B	05/27/09	1
Trichlorofluoromethane	U	0.00027	0.0058	mg/kg		8260B	05/27/09	1
Vinyl chloride	U	0.00029	0.0012	mg/kg		8260B	05/27/09	1
Xylenes, Total	U	0.00046	0.0035	mg/kg		8260B	05/27/09	1
Cyclohexane	U	0.00033	0.0012	mg/kg	Q	8260B	06/20/09	1
1,4-Dioxane	U	0.033	0.12	mg/kg	Q	8260B	06/20/09	1
Methyl Acetate	U	0.0066	0.023	mg/kg	Q	8260B	06/20/09	1
Methyl Cyclohexane	U	0.00033	0.0012	mg/kg	Q	8260B	06/20/09	1
Surrogate Recovery								
Toluene-d8	103.			% Rec.		8260B	05/27/09	1
Dibromofluoromethane	116.			% Rec.		8260B	05/27/09	1
4-Bromofluorobenzene	110.			% Rec.		8260B	05/27/09	1
Gasoline Range (C7-C10)	U	1.3	4.7	mg/kg		NWTPH-HC	05/28/09	1
Mineral Spirits	U	1.3	4.7	mg/kg		NWTPH-HC	05/28/09	1
Kerosene (C9-C16)	U	1.3	4.7	mg/kg		NWTPH-HC	05/28/09	1
Diesel (C7-C26)	U	1.3	4.7	mg/kg		NWTPH-HC	05/28/09	1
#6 Fuel Oil (C10-C32)	U	1.3	4.7	mg/kg		NWTPH-HC	05/28/09	1
Hydraulic Fluid (C12-C33)	U	1.3	4.7	mg/kg		NWTPH-HC	05/28/09	1
Motor Oil (C16-C40)	U	3.3	12.	mg/kg		NWTPH-HC	05/28/09	1
Surrogate recovery(%)								
o-Terphenyl	88.7			% Rec.		NWTPH-HC	05/28/09	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	0.0057	0.0013	0.0070	mg/kg	J	8270C-SI	05/28/09	1

Results listed are dry weight basis.

U = ND (Not Detected)

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Est. 1970

REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 25, 2009

Date Received : May 23, 2009
Description : Bay Wood Project - Everett, WA

ESC Sample # : L404242-03

Sample ID : PB-1A-8

Site ID : EVERETT, WA

Collected By :
Collection Date : 05/21/09 15:20

Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
Acenaphthene	U	0.0013	0.0070	mg/kg		8270C-SI	05/28/09	1
Acenaphthylene	U	0.0011	0.0070	mg/kg		8270C-SI	05/28/09	1
Benzo(a)anthracene	0.0075	0.00096	0.0070	mg/kg		8270C-SI	05/28/09	1
Benzo(a)pyrene	0.0078	0.00083	0.0070	mg/kg		8270C-SI	05/28/09	1
Benzo(b)fluoranthene	0.0068	0.0014	0.0070	mg/kg	J	8270C-SI	05/28/09	1
Benzo(g,h,i)perylene	0.0049	0.00098	0.0070	mg/kg	J	8270C-SI	05/28/09	1
Benzo(k)fluoranthene	0.0033	0.0012	0.0070	mg/kg	J	8270C-SI	05/28/09	1
Chrysene	0.0075	0.00087	0.0070	mg/kg		8270C-SI	05/28/09	1
Dibenz(a,h)anthracene	U	0.00089	0.0070	mg/kg		8270C-SI	05/28/09	1
Fluoranthene	0.018	0.00081	0.0070	mg/kg		8270C-SI	05/28/09	1
Fluorene	U	0.0010	0.0070	mg/kg		8270C-SI	05/28/09	1
Indeno(1,2,3-cd)pyrene	0.0038	0.00088	0.0070	mg/kg	J	8270C-SI	05/28/09	1
Naphthalene	U	0.0014	0.0070	mg/kg		8270C-SI	05/28/09	1
Phenanthrene	0.0099	0.00098	0.0070	mg/kg		8270C-SI	05/28/09	1
Pyrene	0.018	0.00096	0.0070	mg/kg		8270C-SI	05/28/09	1
1-Methylnaphthalene	U	0.0015	0.0070	mg/kg		8270C-SI	05/28/09	1
2-Methylnaphthalene	U	0.0020	0.0070	mg/kg		8270C-SI	05/28/09	1
2-Chloronaphthalene	U	0.0010	0.0070	mg/kg		8270C-SI	05/28/09	1
Surrogate Recovery								
Nitrobenzene-d5	49.4			% Rec.		8270C-SI	05/28/09	1
2-Fluorobiphenyl	50.7			% Rec.		8270C-SI	05/28/09	1
p-Terphenyl-d14	49.3			% Rec.		8270C-SI	05/28/09	1

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June 25, 2009

Date Received : May 23, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-1A-GW
Collected By :
Collection Date : 05/21/09 15:25

ESC Sample # : L404242-04
Site ID : EVERETT, WA
Project # : 008.0339.00001

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Antimony	1.4	0.29	1.0	ug/l		6020	06/14/09	1
Antimony,Dissolved	0.60	0.29	1.0	ug/l	J	6020	06/16/09	1
Arsenic	18.	0.22	1.0	ug/l		6020	06/14/09	1
Arsenic,Dissolved	2.2	0.22	1.0	ug/l		6020	06/16/09	1
Thallium	0.68	0.22	1.0	ug/l	J	6020	06/14/09	1
Thallium,Dissolved	U	0.22	1.0	ug/l		6020	06/16/09	1
Mercury	U	0.057	0.20	ug/l		7470A	06/12/09	1
Mercury,Dissolved	U	0.044	0.20	ug/l		7470A	06/14/09	1
Beryllium	U	0.75	2.0	ug/l		6010B	06/13/09	1
Beryllium,Dissolved	U	0.75	2.0	ug/l		6010B	06/15/09	1
Cadmium	U	0.74	5.0	ug/l		6010B	06/13/09	1
Cadmium,Dissolved	U	0.74	5.0	ug/l		6010B	06/15/09	1
Chromium	17.	2.0	10.	ug/l		6010B	06/13/09	1
Chromium,Dissolved	U	2.0	10.	ug/l		6010B	06/15/09	1
Copper	11.	6.0	20.	ug/l	J	6010B	06/13/09	1
Copper,Dissolved	U	6.0	20.	ug/l		6010B	06/15/09	1
Lead	2.9	1.9	5.0	ug/l	J	6010B	06/13/09	1
Lead,Dissolved	U	1.9	5.0	ug/l		6010B	06/15/09	1
Nickel	44.	9.8	20.	ug/l		6010B	06/13/09	1
Nickel,Dissolved	U	9.8	20.	ug/l		6010B	06/15/09	1
Selenium	U	6.5	20.	ug/l		6010B	06/13/09	1
Selenium,Dissolved	7.8	6.5	20.	ug/l	JB	6010B	06/15/09	1
Silver	U	3.2	10.	ug/l		6010B	06/13/09	1
Silver,Dissolved	8.2	3.2	10.	ug/l	J	6010B	06/15/09	1
Zinc	42.	8.8	30.	ug/l		6010B	06/13/09	1
Zinc,Dissolved	U	8.8	30.	ug/l		6010B	06/15/09	1
Volatile Organics								
Acetone	U	8.9	25.	ug/l		8260B	05/29/09	1
Benzene	U	0.29	0.50	ug/l		8260B	05/29/09	1
Bromochloromethane	U	0.44	0.50	ug/l		8260B	05/29/09	1
Bromodichloromethane	U	0.37	0.50	ug/l		8260B	05/29/09	1
Bromoform	U	0.51	0.50	ug/l		8260B	05/29/09	1
Bromomethane	U	0.89	0.50	ug/l		8260B	05/29/09	1
2-Butanone (MEK)	U	4.5	2.5	ug/l		8260B	05/29/09	1
Carbon disulfide	U	0.32	0.50	ug/l		8260B	05/29/09	1
Carbon tetrachloride	U	0.31	0.50	ug/l		8260B	05/29/09	1
Chlorobenzene	U	0.26	0.50	ug/l		8260B	05/29/09	1
Chloroethane	U	0.86	0.50	ug/l		8260B	05/29/09	1
Chloroform	U	0.33	0.50	ug/l		8260B	05/29/09	1
Chloromethane	U	0.25	0.50	ug/l		8260B	05/29/09	1

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REPORT OF ANALYSIS

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SLR International Corp. - West Linn
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West Linn, OR 97068

June 25, 2009

Date Received : May 23, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-1A-GW
Collected By :
Collection Date : 05/21/09 15:25

ESC Sample # : L404242-04
Site ID : EVERETT, WA
Project # : 008.0339.00001

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
1,2-Dibromo-3-Chloropropane	U	0.48	1.0	ug/l		8260B	05/29/09	1
Chlorodibromomethane	U	0.42	0.50	ug/l		8260B	05/29/09	1
1,2-Dibromoethane	U	0.48	0.50	ug/l	J4J3	8260B	05/29/09	1
1,2-Dichlorobenzene	U	0.29	0.50	ug/l		8260B	05/29/09	1
1,3-Dichlorobenzene	U	0.19	0.50	ug/l		8260B	05/29/09	1
1,4-Dichlorobenzene	U	0.30	0.50	ug/l		8260B	05/29/09	1
Dichlorodifluoromethane	U	0.54	0.50	ug/l		8260B	05/29/09	1
1,1-Dichloroethane	U	0.31	0.50	ug/l		8260B	05/29/09	1
1,2-Dichloroethane	U	0.27	0.50	ug/l		8260B	05/29/09	1
1,1-Dichloroethene	U	0.50	0.50	ug/l		8260B	05/29/09	1
cis-1,2-Dichloroethene	U	0.38	0.50	ug/l		8260B	05/29/09	1
trans-1,2-Dichloroethene	U	0.30	0.50	ug/l		8260B	05/29/09	1
1,2-Dichloropropane	U	0.52	0.50	ug/l		8260B	05/29/09	1
cis-1,3-Dichloropropene	U	0.26	0.50	ug/l		8260B	05/29/09	1
trans-1,3-Dichloropropene	U	0.24	0.50	ug/l	J3	8260B	05/29/09	1
Ethylbenzene	U	0.22	0.50	ug/l		8260B	05/29/09	1
2-Hexanone	U	0.16	2.5	ug/l		8260B	05/29/09	1
Isopropylbenzene	U	0.19	0.50	ug/l		8260B	05/29/09	1
4-Methyl-2-pentanone (MIBK)	U	1.4	2.5	ug/l		8260B	05/29/09	1
Methyl tert-butyl ether	U	0.19	0.50	ug/l		8260B	05/29/09	1
Methylene Chloride	U	0.30	2.5	ug/l		8260B	05/29/09	1
Styrene	U	0.38	0.50	ug/l		8260B	05/29/09	1
1,1,2,2-Tetrachloroethane	U	0.22	0.50	ug/l		8260B	05/29/09	1
Tetrachloroethene	U	0.29	0.50	ug/l		8260B	05/29/09	1
Toluene	U	0.27	0.50	ug/l		8260B	05/29/09	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.22	0.50	ug/l		8260B	05/29/09	1
1,2,3-Trichlorobenzene	U	0.24	0.50	ug/l	J3	8260B	05/29/09	1
1,2,4-Trichlorobenzene	U	0.26	0.50	ug/l		8260B	05/29/09	1
1,1,1-Trichloroethane	U	0.27	0.50	ug/l		8260B	05/29/09	1
1,1,2-Trichloroethane	U	0.45	0.50	ug/l		8260B	05/29/09	1
Trichloroethene	U	0.37	0.50	ug/l		8260B	05/29/09	1
Trichlorofluoromethane	U	0.29	0.50	ug/l		8260B	05/29/09	1
Vinyl chloride	U	0.29	0.50	ug/l		8260B	05/29/09	1
Xylenes, Total	U	0.86	1.5	ug/l		8260B	05/29/09	1
Cyclohexane	U	0.30	1.0	ug/l	Q	8260B	06/21/09	1
1,4-Dioxane	U	33.	100	ug/l	Q	8260B	06/21/09	1
Methyl Acetate	U	6.6	20.	ug/l	Q	8260B	06/21/09	1
Methyl Cyclohexane	U	0.33	1.0	ug/l	Q	8260B	06/21/09	1
Surrogate Recovery								
Toluene-d8		97.3		% Rec.		8260B	05/29/09	1
Dibromofluoromethane		98.9		% Rec.		8260B	05/29/09	1
4-Bromofluorobenzene		96.2		% Rec.		8260B	05/29/09	1

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REPORT OF ANALYSIS

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SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 25, 2009

Date Received : May 23, 2009
Description : Bay Wood Project - Everett, WA

ESC Sample # : L404242-04

Sample ID : PB-1A-GW

Site ID : EVERETT, WA

Collected By :
Collection Date : 05/21/09 15:25

Project # : 008.0339.00001

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Polynuclear Aromatic Hydrocarbons								
Anthracene	0.019	0.012	0.050	ug/l	J	8270C-S	05/29/09	1
Acenaphthene	U	0.013	0.050	ug/l	J3	8270C-S	05/29/09	1
Acenaphthylene	U	0.017	0.050	ug/l		8270C-S	05/29/09	1
Benzo(a)anthracene	U	0.023	0.050	ug/l		8270C-S	05/29/09	1
Benzo(a)pyrene	U	0.013	0.050	ug/l	J3	8270C-S	05/29/09	1
Benzo(b)fluoranthene	U	0.024	0.050	ug/l		8270C-S	05/29/09	1
Benzo(g,h,i)perylene	U	0.018	0.050	ug/l	J3	8270C-S	05/29/09	1
Benzo(k)fluoranthene	U	0.020	0.050	ug/l		8270C-S	05/29/09	1
Chrysene	U	0.018	0.050	ug/l	J3	8270C-S	05/29/09	1
Dibenz(a,h)anthracene	U	0.013	0.050	ug/l	J3	8270C-S	05/29/09	1
Fluoranthene	0.050	0.020	0.050	ug/l		8270C-S	05/29/09	1
Fluorene	0.013	0.012	0.050	ug/l	J	8270C-S	05/29/09	1
Indeno(1,2,3-cd)pyrene	U	0.015	0.050	ug/l	J3	8270C-S	05/29/09	1
Naphthalene	0.061	0.023	0.25	ug/l	J	8270C-S	05/29/09	1
Phenanthrene	0.042	0.018	0.050	ug/l	J	8270C-S	05/29/09	1
Pyrene	0.033	0.022	0.050	ug/l	JJ3	8270C-S	05/29/09	1
1-Methylnaphthalene	0.018	0.014	0.25	ug/l	J	8270C-S	05/29/09	1
2-Methylnaphthalene	0.038	0.014	0.25	ug/l	J	8270C-S	05/29/09	1
2-Chloronaphthalene	U	0.014	0.25	ug/l		8270C-S	05/29/09	1
Surrogate Recovery								
Nitrobenzene-d5	67.1				% Rec.	8270C-S	05/29/09	1
2-Fluorobiphenyl	77.5				% Rec.	8270C-S	05/29/09	1
p-Terphenyl-d14	82.7				% Rec.	8270C-S	05/29/09	1

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REPORT OF ANALYSIS

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June 25, 2009

Date Received : May 23, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-5B
Collected By :
Collection Date : 05/21/09 00:00

ESC Sample # : L404242-05
Site ID : EVERETT, WA
Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
Total Solids	93.1			%		2540G	05/29/09	1
Volatile Organics								
Acetone	0.043	0.017	0.054	mg/kg	J	8260B	05/27/09	1
Benzene	U	0.00032	0.0011	mg/kg		8260B	05/27/09	1
Bromochloromethane	U	0.00045	0.0011	mg/kg		8260B	05/27/09	1
Bromodichloromethane	U	0.00039	0.0011	mg/kg		8260B	05/27/09	1
Bromoform	U	0.00058	0.0011	mg/kg		8260B	05/27/09	1
Bromomethane	U	0.0013	0.0054	mg/kg		8260B	05/27/09	1
2-Butanone (MEK)	0.0071	0.0027	0.011	mg/kg	J	8260B	05/27/09	1
Carbon disulfide	U	0.00033	0.0011	mg/kg		8260B	05/27/09	1
Carbon tetrachloride	U	0.00032	0.0011	mg/kg		8260B	05/27/09	1
Chlorobenzene	U	0.00025	0.0011	mg/kg		8260B	05/27/09	1
Chloroethane	U	0.00059	0.0054	mg/kg		8260B	05/27/09	1
Chloroform	U	0.00041	0.0054	mg/kg		8260B	05/27/09	1
Chloromethane	U	0.00056	0.0011	mg/kg		8260B	05/27/09	1
1,2-Dibromo-3-Chloropropane	U	0.0012	0.0054	mg/kg		8260B	05/27/09	1
Chlorodibromomethane	U	0.00023	0.0011	mg/kg		8260B	05/27/09	1
1,2-Dibromoethane	U	0.00032	0.0011	mg/kg		8260B	05/27/09	1
1,2-Dichlorobenzene	U	0.00024	0.0011	mg/kg		8260B	05/27/09	1
1,3-Dichlorobenzene	U	0.00038	0.0011	mg/kg		8260B	05/27/09	1
1,4-Dichlorobenzene	U	0.00022	0.0011	mg/kg		8260B	05/27/09	1
Dichlorodifluoromethane	U	0.00032	0.0054	mg/kg		8260B	05/27/09	1
1,1-Dichloroethane	U	0.00026	0.0011	mg/kg		8260B	05/27/09	1
1,2-Dichloroethane	U	0.00053	0.0011	mg/kg		8260B	05/27/09	1
1,1-Dichloroethene	U	0.00074	0.0011	mg/kg		8260B	05/27/09	1
cis-1,2-Dichloroethene	U	0.00072	0.0011	mg/kg		8260B	05/27/09	1
trans-1,2-Dichloroethene	U	0.00068	0.0011	mg/kg		8260B	05/27/09	1
1,2-Dichloropropane	U	0.00075	0.0011	mg/kg		8260B	05/27/09	1
cis-1,3-Dichloropropene	U	0.00026	0.0011	mg/kg		8260B	05/27/09	1
trans-1,3-Dichloropropene	U	0.00036	0.0011	mg/kg		8260B	05/27/09	1
Ethylbenzene	U	0.00023	0.0011	mg/kg		8260B	05/27/09	1
2-Hexanone	U	0.00036	0.0011	mg/kg		8260B	05/27/09	1
Isopropylbenzene	U	0.00021	0.0011	mg/kg		8260B	05/27/09	1
4-Methyl-2-pentanone (MIBK)	U	0.0014	0.011	mg/kg		8260B	05/27/09	1
Methyl tert-butyl ether	U	0.00028	0.0011	mg/kg		8260B	05/27/09	1
Methylene Chloride	U	0.00060	0.0054	mg/kg		8260B	05/27/09	1
Styrene	U	0.00020	0.0011	mg/kg		8260B	05/27/09	1
1,1,2,2-Tetrachloroethane	U	0.00033	0.0011	mg/kg		8260B	05/27/09	1
Tetrachloroethene	U	0.00023	0.0011	mg/kg		8260B	05/27/09	1
Toluene	U	0.0012	0.0054	mg/kg		8260B	05/27/09	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.00025	0.0011	mg/kg		8260B	05/27/09	1
1,2,3-Trichlorobenzene	U	0.00023	0.0011	mg/kg		8260B	05/27/09	1

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REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 25, 2009

Date Received : May 23, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-5B
Collected By :
Collection Date : 05/21/09 00:00

ESC Sample # : L404242-05
Site ID : EVERETT, WA
Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
1,2,4-Trichlorobenzene	U	0.00025	0.0011	mg/kg		8260B	05/27/09	1
1,1,1-Trichloroethane	U	0.00052	0.0011	mg/kg		8260B	05/27/09	1
1,1,2-Trichloroethane	U	0.00046	0.0011	mg/kg		8260B	05/27/09	1
Trichloroethene	U	0.00034	0.0011	mg/kg		8260B	05/27/09	1
Trichlorofluoromethane	U	0.00027	0.0054	mg/kg		8260B	05/27/09	1
Vinyl chloride	U	0.00029	0.0011	mg/kg		8260B	05/27/09	1
Xylenes, Total	U	0.00046	0.0032	mg/kg		8260B	05/27/09	1
Cyclohexane	U	0.00036	0.0012	mg/kg	Q	8260B	06/20/09	1.1
1,4-Dioxane	U	0.036	0.12	mg/kg	Q	8260B	06/20/09	1.1
Methyl Acetate	U	0.0073	0.024	mg/kg	Q	8260B	06/20/09	1.1
Methyl Cyclohexane	U	0.00036	0.0012	mg/kg	Q	8260B	06/20/09	1.1
Surrogate Recovery								
Toluene-d8	102.			% Rec.		8260B	05/27/09	1
Dibromofluoromethane	92.4			% Rec.		8260B	05/27/09	1
4-Bromofluorobenzene	95.2			% Rec.		8260B	05/27/09	1
Gasoline Range (C7-C10)	U	1.3	4.3	mg/kg		NWTPH-HC	05/28/09	1
Mineral Spirits	U	1.3	4.3	mg/kg		NWTPH-HC	05/28/09	1
Kerosene (C9-C16)	U	1.3	4.3	mg/kg		NWTPH-HC	05/28/09	1
Diesel (C7-C26)	U	1.3	4.3	mg/kg		NWTPH-HC	05/28/09	1
#6 Fuel Oil (C10-C32)	U	1.3	4.3	mg/kg		NWTPH-HC	05/28/09	1
Hydraulic Fluid (C12-C33)	U	1.3	4.3	mg/kg		NWTPH-HC	05/28/09	1
Motor Oil (C16-C40)	4.1	3.3	11.	mg/kg	J	NWTPH-HC	05/28/09	1
Surrogate recovery(%)								
o-Terphenyl	104.			% Rec.		NWTPH-HC	05/28/09	1
Acid Extractables								
Pentachlorophenol	U	0.031	0.35	mg/kg		8270C	05/27/09	1
Surrogate Recovery								
2-Fluorophenol	74.2			% Rec.		8270C	05/27/09	1
Phenol-d5	70.7			% Rec.		8270C	05/27/09	1
Nitrobenzene-d5	63.5			% Rec.		8270C	05/27/09	1
2-Fluorobiphenyl	62.5			% Rec.		8270C	05/27/09	1
2,4,6-Tribromophenol	77.9			% Rec.		8270C	05/27/09	1
p-Terphenyl-d14	96.4			% Rec.		8270C	05/27/09	1

Results listed are dry weight basis.

U = ND (Not Detected)

MDL = Minimum Detection Limit = LOD

RDL = Reported Detection Limit = LOQ = PQL = EQL

Note:

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Reported: 06/23/09 12:58 Revised: 06/25/09 13:13



**ENVIRONMENTAL
SCIENCE CORP.**

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Mt. Juliet, TN 37122
(615) 758-5858
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Tax I.D. 62-0814289

Est. 1970

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June 25, 2009

Date Received : May 23, 2009
Description : Bay Wood Project - Everett, WA

ESC Sample # : L404242-06

Sample ID : PB-5B-GW

Site ID : EVERETT, WA

Collected By :
Collection Date : 05/21/09 00:00

Project # : 008.0339.00001

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Base/Neutral Extractables								
Acenaphthylene	U	0.33	1.0	ug/l		8270C	05/27/09	1
Acetophenone	U	16.	50.	ug/l		8270C	05/27/09	1
Atrazine	U	3.3	10.	ug/l		8270C	05/27/09	1
Benzaldehyde	U	3.3	10.	ug/l		8270C	05/27/09	1
Biphenyl	U	3.3	10.	ug/l		8270C	05/27/09	1
Bis(2-chlorethoxy)methane	U	3.3	10.	ug/l		8270C	05/27/09	1
Bis(2-chloroethyl)ether	U	3.3	10.	ug/l		8270C	05/27/09	1
Bis(2-chloroisopropyl)ether	U	3.3	10.	ug/l		8270C	05/27/09	1
4-Bromophenyl-phenylether	U	3.3	10.	ug/l		8270C	05/27/09	1
2-Chloronaphthalene	U	3.3	10.	ug/l		8270C	05/27/09	1
4-Chlorophenyl-phenylether	U	3.3	10.	ug/l		8270C	05/27/09	1
3,3-Dichlorobenzidine	U	3.3	10.	ug/l		8270C	05/27/09	1
2,4-Dinitrotoluene	U	3.3	10.	ug/l		8270C	05/27/09	1
2,6-Dinitrotoluene	U	3.3	10.	ug/l		8270C	05/27/09	1
Hexachlorobenzene	U	3.3	10.	ug/l		8270C	05/27/09	1
Hexachloro-1,3-butadiene	U	3.3	10.	ug/l		8270C	05/27/09	1
Hexachlorocyclopentadiene	U	3.3	10.	ug/l		8270C	05/27/09	1
Hexachloroethane	U	3.3	10.	ug/l		8270C	05/27/09	1
Isophorone	U	3.3	10.	ug/l		8270C	05/27/09	1
2-Methylnaphthalene	U	3.3	10.	ug/l		8270C	05/27/09	1
2-Methylphenol	U	1.3	10.	ug/l		8270C	05/27/09	1
3&4-methyl phenol	U	1.1	10.	ug/l		8270C	05/27/09	1
2-Nitroaniline	U	1.5	10.	ug/l		8270C	05/27/09	1
3-Nitroaniline	U	1.2	10.	ug/l		8270C	05/27/09	1
4-Nitroaniline	U	1.6	10.	ug/l		8270C	05/27/09	1
Nitrobenzene	U	3.3	10.	ug/l		8270C	05/27/09	1
n-Nitrosodiphenylamine	U	3.3	10.	ug/l		8270C	05/27/09	1
n-Nitrosodi-n-propylamine	U	3.3	10.	ug/l		8270C	05/27/09	1
Benzylbutyl phthalate	U	3.3	10.	ug/l		8270C	05/27/09	1
Caprolactam	U	3.3	10.	ug/l		8270C	05/27/09	1
Carbazole	U	0.95	10.	ug/l		8270C	05/27/09	1
Bis(2-ethylhexyl)phthalate	U	2.0	6.0	ug/l		8270C	05/27/09	1
4-Chloroaniline	U	2.6	10.	ug/l		8270C	05/27/09	1
Di-n-butyl phthalate	U	3.3	10.	ug/l		8270C	05/27/09	1
Dibenzofuran	U	1.5	10.	ug/l		8270C	05/27/09	1
Diethyl phthalate	U	3.3	10.	ug/l		8270C	05/27/09	1
Dimethyl phthalate	U	3.3	10.	ug/l	J3	8270C	05/27/09	1
Di-n-octyl phthalate	U	3.3	10.	ug/l		8270C	05/27/09	1
Acid Extractables								
4-Chloro-3-methylphenol	U	1.8	10.	ug/l		8270C	05/27/09	1
2-Chlorophenol	U	1.3	10.	ug/l		8270C	05/27/09	1
2,4-Dichlorophenol	U	2.0	10.	ug/l		8270C	05/27/09	1

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Date Received : May 23, 2009
Description : Bay Wood Project - Everett, WA

ESC Sample # : L404242-06

Sample ID : PB-5B-GW

Site ID : EVERETT, WA

Collected By :
Collection Date : 05/21/09 00:00

Project # : 008.0339.00001

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
2,4-Dimethylphenol	U	2.1	10.	ug/l		8270C	05/27/09	1
4,6-Dinitro-2-methylphenol	U	2.2	10.	ug/l		8270C	05/27/09	1
2,4-Dinitrophenol	U	1.2	10.	ug/l		8270C	05/27/09	1
2-Nitrophenol	U	2.1	10.	ug/l		8270C	05/27/09	1
4-Nitrophenol	U	0.76	10.	ug/l		8270C	05/27/09	1
Phenol	U	0.59	10.	ug/l		8270C	05/27/09	1
Pentachlorophenol	U	0.33	1.0	ug/l		8270C	05/29/09	1
1,2,4,5-Tetrachlorobenzene	U	16.	50.	ug/l		8270C	05/27/09	1
2,4,5-Trichlorophenol	U	1.7	50.	ug/l		8270C	05/27/09	1
2,4,6-Trichlorophenol	U	2.0	10.	ug/l		8270C	05/27/09	1
2,3,4,6-Tetrachlorophenol	U	16.	50.	ug/l		8270C	06/16/09	1
Benzo(a)anthracene	U	0.33	1.0	ug/l		8270C	05/27/09	1
Benzo(a)pyrene	U	0.33	1.0	ug/l		8270C	05/27/09	1
Benzo(b)fluoranthene	U	0.33	1.0	ug/l		8270C	05/27/09	1
Benzo(k)fluoranthene	U	0.33	1.0	ug/l		8270C	05/27/09	1
Chrysene	U	0.33	1.0	ug/l		8270C	05/27/09	1
Dibenz(a,h)anthracene	U	0.33	1.0	ug/l		8270C	05/27/09	1
Indeno(1,2,3-cd)pyrene	U	0.33	1.0	ug/l		8270C	05/27/09	1
Acenaphthene	U	0.33	1.0	ug/l		8270C	05/27/09	1
Anthracene	U	0.33	1.0	ug/l		8270C	05/27/09	1
Benzo(g,h,i)perylene	U	0.33	1.0	ug/l		8270C	05/27/09	1
Fluoranthene	U	0.33	1.0	ug/l		8270C	05/27/09	1
Fluorene	U	0.33	1.0	ug/l		8270C	05/27/09	1
Naphthalene	U	1.6	5.0	ug/l		8270C	05/27/09	1
Phenanthrene	U	0.33	1.0	ug/l		8270C	05/27/09	1
Pyrene	U	0.33	1.0	ug/l		8270C	05/27/09	1
Surrogate Recovery								
2-Fluorophenol	38.4			% Rec.		8270C	05/27/09	1
Phenol-d5	23.3			% Rec.		8270C	05/27/09	1
Nitrobenzene-d5	44.9			% Rec.		8270C	05/27/09	1
2-Fluorobiphenyl	46.0			% Rec.		8270C	05/27/09	1
2,4,6-Tribromophenol	83.5			% Rec.		8270C	05/27/09	1
p-Terphenyl-d14	57.2			% Rec.		8270C	05/27/09	1

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Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier	
L404242-01	WG427442	SAMP	Cyclohexane	R788346	Q	
	WG427442	SAMP	1,4-Dioxane	R788346	Q	
	WG427442	SAMP	Methyl Acetate	R788346	Q	
	WG427442	SAMP	Methyl Cyclohexane	R788346	Q	
	WG423987	SAMP	Beryllium	R763507	O	
	WG423494	SAMP	Mercury	R754746	J	
	WG423537	SAMP	Chrysene	R762466	J	
	WG423537	SAMP	Fluoranthene	R762466	J	
	WG423537	SAMP	Phenanthrene	R762466	J	
	WG423537	SAMP	Pyrene	R762466	J	
	L404242-02	WG423451	SAMP	Acetone	R755907	J
		WG423451	SAMP	Carbon disulfide	R755907	J
		WG423451	SAMP	Toluene	R755907	J
		WG427509	SAMP	Cyclohexane	R788627	Q
WG427509		SAMP	1,4-Dioxane	R788627	Q	
WG427509		SAMP	Methyl Acetate	R788627	Q	
WG427509		SAMP	Methyl Cyclohexane	R788627	Q	
WG426333		SAMP	Cadmium	R781860	J	
WG426483		SAMP	Chromium, Dissolved	R782806	J	
WG426333		SAMP	Copper	R781860	J	
WG426483		SAMP	Selenium, Dissolved	R782806	JB	
WG426333		SAMP	Silver	R781860	J	
WG426483		SAMP	Silver, Dissolved	R782806	J	
WG426484		SAMP	Antimony, Dissolved	R783346	J	
WG426269		SAMP	Thallium	R782827	J	
WG423352		SAMP	Anthracene	R759666	J	
WG423352		SAMP	Acenaphthene	R759666	J	
WG423352		SAMP	Chrysene	R759666	J	
WG423352		SAMP	Fluorene	R759666	J	
WG423352		SAMP	Naphthalene	R759666	J	
WG423352		SAMP	1-Methylnaphthalene	R759666	J	
WG423352		SAMP	2-Methylnaphthalene	R759666	J	
L404242-03		WG427442	SAMP	Cyclohexane	R788346	Q
		WG427442	SAMP	1,4-Dioxane	R788346	Q
		WG427442	SAMP	Methyl Acetate	R788346	Q
		WG427442	SAMP	Methyl Cyclohexane	R788346	Q
		WG423987	SAMP	Beryllium	R763507	O
		WG423494	SAMP	Mercury	R754746	J
	WG423537	SAMP	Anthracene	R762466	J	
	WG423537	SAMP	Benzo(b)fluoranthene	R762466	J	
	WG423537	SAMP	Benzo(g,h,i)perylene	R762466	J	
	WG423537	SAMP	Benzo(k)fluoranthene	R762466	J	
	WG423537	SAMP	Indeno(1,2,3-cd)pyrene	R762466	J	
	L404242-04	WG423629	SAMP	1,2-Dibromoethane	R759806	J4J3
		WG423629	SAMP	trans-1,3-Dichloropropene	R759806	J3
		WG423629	SAMP	1,2,3-Trichlorobenzene	R759806	J3
WG427650		SAMP	Cyclohexane	R788347	Q	
WG427650		SAMP	1,4-Dioxane	R788347	Q	
WG427650		SAMP	Methyl Acetate	R788347	Q	
WG427650		SAMP	Methyl Cyclohexane	R788347	Q	
WG426333		SAMP	Copper	R781860	J	
WG426333		SAMP	Lead	R781860	J	
WG426483		SAMP	Selenium, Dissolved	R782806	JB	
WG426483		SAMP	Silver, Dissolved	R782806	J	
WG426484		SAMP	Antimony, Dissolved	R783346	J	
WG426269		SAMP	Thallium	R782827	J	
WG423939		SAMP	Anthracene	R762766	J	
WG423939		SAMP	Acenaphthene	R762766	J3	
WG423939		SAMP	Benzo(a)pyrene	R762766	J3	
WG423939		SAMP	Benzo(g,h,i)perylene	R762766	J3	
WG423939		SAMP	Chrysene	R762766	J3	
WG423939		SAMP	Dibenz(a,h)anthracene	R762766	J3	
WG423939		SAMP	Fluorene	R762766	J	
WG423939		SAMP	Indeno(1,2,3-cd)pyrene	R762766	J3	
WG423939		SAMP	Naphthalene	R762766	J	
WG423939		SAMP	Phenanthrene	R762766	J	
WG423939		SAMP	Pyrene	R762766	JJ3	
WG423939		SAMP	1-Methylnaphthalene	R762766	J	
WG423939		SAMP	2-Methylnaphthalene	R762766	J	

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L404242-05	WG423576	SAMP	Acetone	R757627	J
	WG423576	SAMP	2-Butanone (MEK)	R757627	J
	WG427442	SAMP	Cyclohexane	R788346	Q
	WG427442	SAMP	1,4-Dioxane	R788346	Q
	WG427442	SAMP	Methyl Acetate	R788346	Q
	WG427442	SAMP	Methyl Cyclohexane	R788346	Q
	WG423285	SAMP	Motor Oil (C16-C40)	R754330	J
L404242-06	WG423529	SAMP	Dimethyl phthalate	R756806	J3

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J	(EPA) - Estimated value below the lowest calibration point. Confidence correlates with concentration.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
B	(EPA) - The indicated compound was found in the associated method blank as well as the laboratory sample.
O	(ESC) Sample diluted due to matrix interferences that impaired the ability to make an accurate analytical determination. The detection limit is elevated in order to reflect the necessary dilution.
Q	(ESC) Sample held beyond the accepted holding time.

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

Definitions

- Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.
- Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Difference.
- Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromatography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.
- TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Summary of Remarks For Samples Printed
06/25/09 at 13:13:55

TSR Signing Reports: 358
R5 - Desired TAT

Log all arsenic gw samples as ASG.

Sample: L404242-01 Account: SLRWLOR Received: 05/23/09 09:00 Due Date: 06/22/09 00:00 RPT Date: 06/23/09 12:58
Added NWTPHDX - MB 6/4/09 Added M6010PP, PAHSIM, and V8260 per JW. AV 5/26 - WA EIM EDD
needed.

Sample: L404242-02 Account: SLRWLOR Received: 05/23/09 09:00 Due Date: 06/22/09 00:00 RPT Date: 06/23/09 12:58
Metals pH adjusted at lab 6/10 1700. Added V8260 per JW. AV 5/26 Moved HCID to L404262 per JW.
AV 5/26

Sample: L404242-03 Account: SLRWLOR Received: 05/23/09 09:00 Due Date: 06/22/09 00:00 RPT Date: 06/23/09 12:58
Added M6010PP, PAHSIM, and V8260 per JW. AV 5/26

Sample: L404242-04 Account: SLRWLOR Received: 05/23/09 09:00 Due Date: 06/22/09 00:00 RPT Date: 06/23/09 12:58
Metals pH adjusted at lab 6/10 1700. Moved HCID to L404262 per JW. AV 5/26 changed to V8260 per
JW-6/20-jd

Sample: L404242-05 Account: SLRWLOR Received: 05/23/09 09:00 Due Date: 06/22/09 00:00 RPT Date: 06/23/09 12:58

Sample: L404242-06 Account: SLRWLOR Received: 05/23/09 09:00 Due Date: 06/22/09 00:00 RPT Date: 06/23/09 12:58



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Quality Assurance Report
Level II

June 25, 2009

L404242

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
#6 Fuel Oil (C10-C32)	< 4	mg/kg			WG423285	05/26/09 12:02
Diesel (C7-C26)	< 4	mg/kg			WG423285	05/26/09 12:02
Hydraulic Fluid (C12-C33)	< 4	mg/kg			WG423285	05/26/09 12:02
Kerosene (C9-C16)	< 4	mg/kg			WG423285	05/26/09 12:02
Mineral Spirits	< 4	mg/kg			WG423285	05/26/09 12:02
Motor Oil (C16-C40)	< 10	mg/kg			WG423285	05/26/09 12:02
o-Terphenyl		% Rec.	105.9	50-150	WG423285	05/26/09 12:02
Mercury	< .02	mg/kg			WG423494	05/26/09 22:37
1,1,1-Trichloroethane	< .001	mg/l			WG423451	05/27/09 06:06
1,1,2,2-Tetrachloroethane	< .001	mg/l			WG423451	05/27/09 06:06
1,1,2-Trichloroethane	< .001	mg/l			WG423451	05/27/09 06:06
1,1,2-Trichloro-1,2,2-trifluoroethane	< .001	mg/l			WG423451	05/27/09 06:06
1,1-Dichloroethane	< .001	mg/l			WG423451	05/27/09 06:06
1,1-Dichloroethene	< .001	mg/l			WG423451	05/27/09 06:06
1,2,3-Trichlorobenzene	< .001	mg/l			WG423451	05/27/09 06:06
1,2,4-Trichlorobenzene	< .001	mg/l			WG423451	05/27/09 06:06
1,2-Dibromo-3-Chloropropane	< .005	mg/l			WG423451	05/27/09 06:06
1,2-Dibromoethane	< .001	mg/l			WG423451	05/27/09 06:06
1,2-Dichlorobenzene	< .001	mg/l			WG423451	05/27/09 06:06
1,2-Dichloroethane	< .001	mg/l			WG423451	05/27/09 06:06
1,2-Dichloropropane	< .001	mg/l			WG423451	05/27/09 06:06
1,3-Dichlorobenzene	< .001	mg/l			WG423451	05/27/09 06:06
1,4-Dichlorobenzene	< .001	mg/l			WG423451	05/27/09 06:06
2-Butanone (MEK)	< .01	mg/l			WG423451	05/27/09 06:06
2-Hexanone	< .01	mg/l			WG423451	05/27/09 06:06
4-Methyl-2-pentanone (MIBK)	< .01	mg/l			WG423451	05/27/09 06:06
Acetone	< .05	mg/l			WG423451	05/27/09 06:06
Benzene	< .001	mg/l			WG423451	05/27/09 06:06
Bromochloromethane	< .001	mg/l			WG423451	05/27/09 06:06
Bromodichloromethane	< .001	mg/l			WG423451	05/27/09 06:06
Bromoform	< .001	mg/l			WG423451	05/27/09 06:06
Bromomethane	< .005	mg/l			WG423451	05/27/09 06:06
Carbon disulfide	< .001	mg/l			WG423451	05/27/09 06:06
Carbon tetrachloride	< .001	mg/l			WG423451	05/27/09 06:06
Chlorobenzene	< .001	mg/l			WG423451	05/27/09 06:06
Chlorodibromomethane	< .001	mg/l			WG423451	05/27/09 06:06
Chloroethane	< .001	mg/l			WG423451	05/27/09 06:06
Chloroform	< .005	mg/l			WG423451	05/27/09 06:06
Chloromethane	< .001	mg/l			WG423451	05/27/09 06:06
cis-1,2-Dichloroethene	< .001	mg/l			WG423451	05/27/09 06:06
cis-1,3-Dichloropropene	< .001	mg/l			WG423451	05/27/09 06:06
Dichlorodifluoromethane	< .005	mg/l			WG423451	05/27/09 06:06
Ethylbenzene	< .001	mg/l			WG423451	05/27/09 06:06
Isopropylbenzene	< .001	mg/l			WG423451	05/27/09 06:06
Methyl tert-butyl ether	< .001	mg/l			WG423451	05/27/09 06:06
Methylene Chloride	< .005	mg/l			WG423451	05/27/09 06:06
Styrene	< .001	mg/l			WG423451	05/27/09 06:06
Tetrachloroethene	< .001	mg/l			WG423451	05/27/09 06:06
Toluene	< .005	mg/l			WG423451	05/27/09 06:06
trans-1,2-Dichloroethene	< .001	mg/l			WG423451	05/27/09 06:06
trans-1,3-Dichloropropene	< .001	mg/l			WG423451	05/27/09 06:06
Trichloroethene	< .001	mg/l			WG423451	05/27/09 06:06
Trichlorofluoromethane	< .005	mg/l			WG423451	05/27/09 06:06
Vinyl chloride	< .001	mg/l			WG423451	05/27/09 06:06
4-Bromofluorobenzene		% Rec.	105.0	75-128	WG423451	05/27/09 06:06

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Quality Assurance Report
Level II

June 25, 2009

L404242

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
Dibromofluoromethane		% Rec.	99.29	79-125		05/27/09 06:06
Toluene-d8		% Rec.	100.5	87-114		05/27/09 06:06
1,1,1-Trichloroethane	< .001	mg/kg			WG423541	05/27/09 04:09
1,1,2,2-Tetrachloroethane	< .001	mg/kg			WG423541	05/27/09 04:09
1,1,2-Trichloroethane	< .001	mg/kg			WG423541	05/27/09 04:09
1,1,2-Trichloro-1,2,2-trifluoroethane	< .001	mg/kg			WG423541	05/27/09 04:09
1,1-Dichloroethane	< .001	mg/kg			WG423541	05/27/09 04:09
1,1-Dichloroethene	< .001	mg/kg			WG423541	05/27/09 04:09
1,2,3-Trichlorobenzene	< .001	mg/kg			WG423541	05/27/09 04:09
1,2,4-Trichlorobenzene	< .001	mg/kg			WG423541	05/27/09 04:09
1,2-Dibromo-3-Chloropropane	< .005	mg/kg			WG423541	05/27/09 04:09
1,2-Dibromoethane	< .001	mg/kg			WG423541	05/27/09 04:09
1,2-Dichlorobenzene	< .001	mg/kg			WG423541	05/27/09 04:09
1,2-Dichloroethane	< .001	mg/kg			WG423541	05/27/09 04:09
1,2-Dichloropropane	< .001	mg/kg			WG423541	05/27/09 04:09
1,3-Dichlorobenzene	< .001	mg/kg			WG423541	05/27/09 04:09
1,4-Dichlorobenzene	< .001	mg/kg			WG423541	05/27/09 04:09
2-Butanone (MEK)	< .01	mg/kg			WG423541	05/27/09 04:09
2-Hexanone	< .01	mg/kg			WG423541	05/27/09 04:09
4-Methyl-2-pentanone (MIBK)	< .01	mg/kg			WG423541	05/27/09 04:09
Acetone	< .05	mg/kg			WG423541	05/27/09 04:09
Benzene	< .001	mg/kg			WG423541	05/27/09 04:09
Bromochloromethane	< .001	mg/kg			WG423541	05/27/09 04:09
Bromodichloromethane	< .001	mg/kg			WG423541	05/27/09 04:09
Bromoform	< .001	mg/kg			WG423541	05/27/09 04:09
Bromomethane	< .005	mg/kg			WG423541	05/27/09 04:09
Carbon disulfide	< .001	mg/kg			WG423541	05/27/09 04:09
Carbon tetrachloride	< .001	mg/kg			WG423541	05/27/09 04:09
Chlorobenzene	< .001	mg/kg			WG423541	05/27/09 04:09
Chlorodibromomethane	< .001	mg/kg			WG423541	05/27/09 04:09
Chloroethane	< .005	mg/kg			WG423541	05/27/09 04:09
Chloroform	< .005	mg/kg			WG423541	05/27/09 04:09
Chloromethane	< .001	mg/kg			WG423541	05/27/09 04:09
cis-1,2-Dichloroethene	< .001	mg/kg			WG423541	05/27/09 04:09
cis-1,3-Dichloropropene	< .001	mg/kg			WG423541	05/27/09 04:09
Dichlorodifluoromethane	< .005	mg/kg			WG423541	05/27/09 04:09
Ethylbenzene	< .001	mg/kg			WG423541	05/27/09 04:09
Isopropylbenzene	< .001	mg/kg			WG423541	05/27/09 04:09
Methyl tert-butyl ether	< .001	mg/kg			WG423541	05/27/09 04:09
Methylene Chloride	< .005	mg/kg			WG423541	05/27/09 04:09
Styrene	< .001	mg/kg			WG423541	05/27/09 04:09
Tetrachloroethene	< .001	mg/kg			WG423541	05/27/09 04:09
Toluene	< .005	mg/kg			WG423541	05/27/09 04:09
trans-1,2-Dichloroethene	< .001	mg/kg			WG423541	05/27/09 04:09
trans-1,3-Dichloropropene	< .001	mg/kg			WG423541	05/27/09 04:09
Trichloroethene	< .001	mg/kg			WG423541	05/27/09 04:09
Trichlorofluoromethane	< .005	mg/kg			WG423541	05/27/09 04:09
Vinyl chloride	< .001	mg/kg			WG423541	05/27/09 04:09
4-Bromofluorobenzene		% Rec.	108.3	59-140	WG423541	05/27/09 04:09
Dibromofluoromethane		% Rec.	110.2	63-139	WG423541	05/27/09 04:09
Toluene-d8		% Rec.	101.8	84-116	WG423541	05/27/09 04:09
1,1,1-Trichloroethane	< .001	mg/kg			WG423576	05/27/09 12:30
1,1,2,2-Tetrachloroethane	< .001	mg/kg			WG423576	05/27/09 12:30
1,1,2-Trichloroethane	< .001	mg/kg			WG423576	05/27/09 12:30
1,1,2-Trichloro-1,2,2-trifluoroethane	< .001	mg/kg			WG423576	05/27/09 12:30
1,1-Dichloroethane	< .001	mg/kg			WG423576	05/27/09 12:30
1,1-Dichloroethene	< .001	mg/kg			WG423576	05/27/09 12:30

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Level II

June 25, 2009

L404242

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
1,2,3-Trichlorobenzene	< .001	mg/kg			WG423576	05/27/09 12:30
1,2,4-Trichlorobenzene	< .001	mg/kg			WG423576	05/27/09 12:30
1,2-Dibromo-3-Chloropropane	< .005	mg/kg			WG423576	05/27/09 12:30
1,2-Dibromoethane	< .001	mg/kg			WG423576	05/27/09 12:30
1,2-Dichlorobenzene	< .001	mg/kg			WG423576	05/27/09 12:30
1,2-Dichloroethane	< .001	mg/kg			WG423576	05/27/09 12:30
1,2-Dichloropropane	< .001	mg/kg			WG423576	05/27/09 12:30
1,3-Dichlorobenzene	< .001	mg/kg			WG423576	05/27/09 12:30
1,4-Dichlorobenzene	< .001	mg/kg			WG423576	05/27/09 12:30
2-Butanone (MEK)	< .01	mg/kg			WG423576	05/27/09 12:30
2-Hexanone	< .01	mg/kg			WG423576	05/27/09 12:30
4-Methyl-2-pentanone (MIBK)	< .01	mg/kg			WG423576	05/27/09 12:30
Acetone	< .05	mg/kg			WG423576	05/27/09 12:30
Benzene	< .001	mg/kg			WG423576	05/27/09 12:30
Bromochloromethane	< .001	mg/kg			WG423576	05/27/09 12:30
Bromodichloromethane	< .001	mg/kg			WG423576	05/27/09 12:30
Bromoform	< .001	mg/kg			WG423576	05/27/09 12:30
Bromomethane	< .005	mg/kg			WG423576	05/27/09 12:30
Carbon disulfide	< .001	mg/kg			WG423576	05/27/09 12:30
Carbon tetrachloride	< .001	mg/kg			WG423576	05/27/09 12:30
Chlorobenzene	< .001	mg/kg			WG423576	05/27/09 12:30
Chlorodibromomethane	< .001	mg/kg			WG423576	05/27/09 12:30
Chloroethane	< .005	mg/kg			WG423576	05/27/09 12:30
Chloroform	< .005	mg/kg			WG423576	05/27/09 12:30
Chloromethane	< .001	mg/kg			WG423576	05/27/09 12:30
cis-1,2-Dichloroethene	< .001	mg/kg			WG423576	05/27/09 12:30
cis-1,3-Dichloropropene	< .001	mg/kg			WG423576	05/27/09 12:30
Dichlorodifluoromethane	< .005	mg/kg			WG423576	05/27/09 12:30
Ethylbenzene	< .001	mg/kg			WG423576	05/27/09 12:30
Isopropylbenzene	< .001	mg/kg			WG423576	05/27/09 12:30
Methyl tert-butyl ether	< .001	mg/kg			WG423576	05/27/09 12:30
Methylene Chloride	< .005	mg/kg			WG423576	05/27/09 12:30
Styrene	< .001	mg/kg			WG423576	05/27/09 12:30
Tetrachloroethene	< .001	mg/kg			WG423576	05/27/09 12:30
Toluene	< .005	mg/kg			WG423576	05/27/09 12:30
trans-1,2-Dichloroethene	< .001	mg/kg			WG423576	05/27/09 12:30
trans-1,3-Dichloropropene	< .001	mg/kg			WG423576	05/27/09 12:30
Trichloroethene	< .001	mg/kg			WG423576	05/27/09 12:30
Trichlorofluoromethane	< .005	mg/kg			WG423576	05/27/09 12:30
Vinyl chloride	< .001	mg/kg			WG423576	05/27/09 12:30
4-Bromofluorobenzene		% Rec.	95.88	59-140	WG423576	05/27/09 12:30
Dibromofluoromethane		% Rec.	86.14	63-139	WG423576	05/27/09 12:30
Toluene-d8		% Rec.	102.8	84-116	WG423576	05/27/09 12:30
Pentachlorophenol	< .33	ppm			WG423526	05/27/09 10:47
2,4,6-Tribromophenol		% Rec.	68.61	25-137	WG423526	05/27/09 10:47
2-Fluorobiphenyl		% Rec.	68.89	30-120	WG423526	05/27/09 10:47
2-Fluorophenol		% Rec.	72.41	26-130	WG423526	05/27/09 10:47
Nitrobenzene-d5		% Rec.	66.45	18-119	WG423526	05/27/09 10:47
Phenol-d5		% Rec.	70.70	37-141	WG423526	05/27/09 10:47
p-Terphenyl-d14		% Rec.	81.75	23-143	WG423526	05/27/09 10:47
1,2,4,5-Tetrachlorobenzene	< .05	ppm			WG423529	05/27/09 10:01
2,4,5-Trichlorophenol	< .01	ppm			WG423529	05/27/09 10:01
2,4,6-Trichlorophenol	< .01	ppm			WG423529	05/27/09 10:01
2,4-Dichlorophenol	< .01	ppm			WG423529	05/27/09 10:01
2,4-Dimethylphenol	< .01	ppm			WG423529	05/27/09 10:01

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Level II

June 25, 2009

L404242

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
2,4-Dinitrophenol	< .01	ppm			WG423529	05/27/09 10:01
2,4-Dinitrotoluene	< .01	ppm			WG423529	05/27/09 10:01
2,6-Dinitrotoluene	< .01	ppm			WG423529	05/27/09 10:01
2-Chloronaphthalene	< .01	ppm			WG423529	05/27/09 10:01
2-Chlorophenol	< .01	ppm			WG423529	05/27/09 10:01
2-Methylnaphthalene	< .01	ppm			WG423529	05/27/09 10:01
2-Methylphenol	< .01	ppm			WG423529	05/27/09 10:01
2-Nitroaniline	< .01	ppm			WG423529	05/27/09 10:01
2-Nitrophenol	< .01	ppm			WG423529	05/27/09 10:01
3&4-methyl phenol	< .01	ppm			WG423529	05/27/09 10:01
3,3-Dichlorobenzidine	< .01	ppm			WG423529	05/27/09 10:01
3-Nitroaniline	< .01	ppm			WG423529	05/27/09 10:01
4,6-Dinitro-2-methylphenol	< .01	ppm			WG423529	05/27/09 10:01
4-Bromophenyl-phenylether	< .01	ppm			WG423529	05/27/09 10:01
4-Chloro-3-methylphenol	< .01	ppm			WG423529	05/27/09 10:01
4-Chloroaniline	< .01	ppm			WG423529	05/27/09 10:01
4-Chlorophenyl-phenylether	< .01	ppm			WG423529	05/27/09 10:01
4-Nitroaniline	< .01	ppm			WG423529	05/27/09 10:01
4-Nitrophenol	< .01	ppm			WG423529	05/27/09 10:01
Acenaphthene	< .01	ppm			WG423529	05/27/09 10:01
Acenaphthylene	< .01	ppm			WG423529	05/27/09 10:01
Acetophenone	< .01	ppm			WG423529	05/27/09 10:01
Anthracene	< .01	ppm			WG423529	05/27/09 10:01
Atrazine	< .01	ppm			WG423529	05/27/09 10:01
Benzaldehyde	< .01	ppm			WG423529	05/27/09 10:01
Benzo(a)anthracene	< .01	ppm			WG423529	05/27/09 10:01
Benzo(a)pyrene	< .01	ppm			WG423529	05/27/09 10:01
Benzo(b)fluoranthene	< .01	ppm			WG423529	05/27/09 10:01
Benzo(g,h,i)perylene	< .01	ppm			WG423529	05/27/09 10:01
Benzo(k)fluoranthene	< .01	ppm			WG423529	05/27/09 10:01
Benzylbutyl phthalate	< .01	ppm			WG423529	05/27/09 10:01
Biphenyl	< .01	ppm			WG423529	05/27/09 10:01
Bis(2-chlorethoxy)methane	< .01	ppm			WG423529	05/27/09 10:01
Bis(2-chloroethyl)ether	< .01	ppm			WG423529	05/27/09 10:01
Bis(2-chloroisopropyl)ether	< .01	ppm			WG423529	05/27/09 10:01
Bis(2-ethylhexyl)phthalate	< .01	ppm			WG423529	05/27/09 10:01
Caprolactam	< .01	ppm			WG423529	05/27/09 10:01
Carbazole	< .01	ppm			WG423529	05/27/09 10:01
Chrysene	< .01	ppm			WG423529	05/27/09 10:01
Di-n-butyl phthalate	< .01	ppm			WG423529	05/27/09 10:01
Di-n-octyl phthalate	< .01	ppm			WG423529	05/27/09 10:01
Dibenz(a,h)anthracene	< .01	ppm			WG423529	05/27/09 10:01
Dibenzofuran	< .01	ppm			WG423529	05/27/09 10:01
Diethyl phthalate	< .01	ppm			WG423529	05/27/09 10:01
Dimethyl phthalate	< .01	ppm			WG423529	05/27/09 10:01
Fluoranthene	< .01	ppm			WG423529	05/27/09 10:01
Fluorene	< .01	ppm			WG423529	05/27/09 10:01
Hexachloro-1,3-butadiene	< .01	ppm			WG423529	05/27/09 10:01
Hexachlorobenzene	< .01	ppm			WG423529	05/27/09 10:01
Hexachlorocyclopentadiene	< .01	ppm			WG423529	05/27/09 10:01
Hexachloroethane	< .01	ppm			WG423529	05/27/09 10:01
Indeno(1,2,3-cd)pyrene	< .01	ppm			WG423529	05/27/09 10:01
Isophorone	< .01	ppm			WG423529	05/27/09 10:01
n-Nitrosodi-n-propylamine	< .01	ppm			WG423529	05/27/09 10:01
n-Nitrosodiphenylamine	< .01	ppm			WG423529	05/27/09 10:01
Naphthalene	< .01	ppm			WG423529	05/27/09 10:01
Nitrobenzene	< .01	ppm			WG423529	05/27/09 10:01
Pentachlorophenol	< .01	ppm			WG423529	05/27/09 10:01
Phenanthrene	< .01	ppm			WG423529	05/27/09 10:01

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		Units	% Rec			
Phenol	< .01	ppm			WG423529	05/27/09 10:01
Pyrene	< .01	ppm			WG423529	05/27/09 10:01
2,4,6-Tribromophenol		% Rec.	72.03	10-148	WG423529	05/27/09 10:01
2-Fluorobiphenyl		% Rec.	73.89	26-122	WG423529	05/27/09 10:01
2-Fluorophenol		% Rec.	39.88	10-87	WG423529	05/27/09 10:01
Nitrobenzene-d5		% Rec.	72.39	12-120	WG423529	05/27/09 10:01
Phenol-d5		% Rec.	24.48	10-67	WG423529	05/27/09 10:01
p-Terphenyl-d14		% Rec.	107.8	34-149	WG423529	05/27/09 10:01
1-Methylnaphthalene	< .01	ppm			WG423352	05/27/09 13:07
2-Chloronaphthalene	< .01	ppm			WG423352	05/27/09 13:07
2-Methylnaphthalene	< .01	ppm			WG423352	05/27/09 13:07
Acenaphthene	< .01	ppm			WG423352	05/27/09 13:07
Acenaphthylene	< .01	ppm			WG423352	05/27/09 13:07
Anthracene	< .01	ppm			WG423352	05/27/09 13:07
Benzo(a)anthracene	< .01	ppm			WG423352	05/27/09 13:07
Benzo(a)pyrene	< .01	ppm			WG423352	05/27/09 13:07
Benzo(b)fluoranthene	< .01	ppm			WG423352	05/27/09 13:07
Benzo(g,h,i)perylene	< .01	ppm			WG423352	05/27/09 13:07
Benzo(k)fluoranthene	< .01	ppm			WG423352	05/27/09 13:07
Chrysene	< .01	ppm			WG423352	05/27/09 13:07
Dibenz(a,h)anthracene	< .01	ppm			WG423352	05/27/09 13:07
Fluoranthene	< .01	ppm			WG423352	05/27/09 13:07
Fluorene	< .01	ppm			WG423352	05/27/09 13:07
Indeno(1,2,3-cd)pyrene	< .01	ppm			WG423352	05/27/09 13:07
Naphthalene	< .01	ppm			WG423352	05/27/09 13:07
Phenanthrene	< .01	ppm			WG423352	05/27/09 13:07
Pyrene	< .01	ppm			WG423352	05/27/09 13:07
2-Fluorobiphenyl		% Rec.	80.17	26-122	WG423352	05/27/09 13:07
Nitrobenzene-d5		% Rec.	71.51	12-120	WG423352	05/27/09 13:07
p-Terphenyl-d14		% Rec.	92.43	34-149	WG423352	05/27/09 13:07
1,1,1-Trichloroethane	< .0005	mg/l			WG423629	05/29/09 01:20
1,1,2,2-Tetrachloroethane	< .0005	mg/l			WG423629	05/29/09 01:20
1,1,2-Trichloroethane	< .0005	mg/l			WG423629	05/29/09 01:20
1,1,2-Trichloro-1,2,2-trifluoroethane	< .0005	mg/l			WG423629	05/29/09 01:20
1,1-Dichloroethane	< .0005	mg/l			WG423629	05/29/09 01:20
1,1-Dichloroethene	< .0005	mg/l			WG423629	05/29/09 01:20
1,2,3-Trichlorobenzene	< .0005	mg/l			WG423629	05/29/09 01:20
1,2,4-Trichlorobenzene	< .0005	mg/l			WG423629	05/29/09 01:20
1,2-Dibromo-3-Chloropropane	< .001	mg/l			WG423629	05/29/09 01:20
1,2-Dibromoethane	< .0005	mg/l			WG423629	05/29/09 01:20
1,2-Dichlorobenzene	< .0005	mg/l			WG423629	05/29/09 01:20
1,2-Dichloroethane	< .0005	mg/l			WG423629	05/29/09 01:20
1,2-Dichloropropane	< .0005	mg/l			WG423629	05/29/09 01:20
1,3-Dichlorobenzene	< .0005	mg/l			WG423629	05/29/09 01:20
1,4-Dichlorobenzene	< .0005	mg/l			WG423629	05/29/09 01:20
2-Butanone (MEK)	< .0025	mg/l			WG423629	05/29/09 01:20
2-Hexanone	< .0025	mg/l			WG423629	05/29/09 01:20
4-Methyl-2-pentanone (MIBK)	< .0025	mg/l			WG423629	05/29/09 01:20
Acetone	< .025	mg/l			WG423629	05/29/09 01:20
Benzene	< .0005	mg/l			WG423629	05/29/09 01:20
Bromochloromethane	< .0005	mg/l			WG423629	05/29/09 01:20
Bromodichloromethane	< .0005	mg/l			WG423629	05/29/09 01:20
Bromoform	< .0005	mg/l			WG423629	05/29/09 01:20
Bromomethane	< .0005	mg/l			WG423629	05/29/09 01:20
Carbon disulfide	< .0005	mg/l			WG423629	05/29/09 01:20

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June 25, 2009

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Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
Carbon tetrachloride	< .0005	mg/l			WG423629	05/29/09 01:20
Chlorobenzene	< .0005	mg/l			WG423629	05/29/09 01:20
Chlorodibromomethane	< .0005	mg/l			WG423629	05/29/09 01:20
Chloroethane	< .0005	mg/l			WG423629	05/29/09 01:20
Chloroform	< .0005	mg/l			WG423629	05/29/09 01:20
Chloromethane	< .0005	mg/l			WG423629	05/29/09 01:20
cis-1,2-Dichloroethene	< .0005	mg/l			WG423629	05/29/09 01:20
cis-1,3-Dichloropropene	< .0005	mg/l			WG423629	05/29/09 01:20
Dichlorodifluoromethane	< .0005	mg/l			WG423629	05/29/09 01:20
Ethylbenzene	< .0005	mg/l			WG423629	05/29/09 01:20
Isopropylbenzene	< .0005	mg/l			WG423629	05/29/09 01:20
Methyl tert-butyl ether	< .0005	mg/l			WG423629	05/29/09 01:20
Methylene Chloride	< .0025	mg/l			WG423629	05/29/09 01:20
Styrene	< .0005	mg/l			WG423629	05/29/09 01:20
Tetrachloroethene	< .0005	mg/l			WG423629	05/29/09 01:20
Toluene	< .0005	mg/l			WG423629	05/29/09 01:20
trans-1,2-Dichloroethene	< .0005	mg/l			WG423629	05/29/09 01:20
trans-1,3-Dichloropropene	< .0005	mg/l			WG423629	05/29/09 01:20
Trichloroethene	< .0005	mg/l			WG423629	05/29/09 01:20
Trichlorofluoromethane	< .0005	mg/l			WG423629	05/29/09 01:20
Vinyl chloride	< .0005	mg/l			WG423629	05/29/09 01:20
4-Bromofluorobenzene		% Rec.	99.83	75-128	WG423629	05/29/09 01:20
Dibromofluoromethane		% Rec.	99.79	79-125	WG423629	05/29/09 01:20
Toluene-d8		% Rec.	97.36	87-114	WG423629	05/29/09 01:20
Total Solids	< .1	%			WG423815	05/29/09 10:51
1-Methylnaphthalene	< .33	ppm			WG423537	05/28/09 09:40
2-Chloronaphthalene	< .33	ppm			WG423537	05/28/09 09:40
2-Methylnaphthalene	< .33	ppm			WG423537	05/28/09 09:40
Acenaphthene	< .33	ppm			WG423537	05/28/09 09:40
Acenaphthylene	< .33	ppm			WG423537	05/28/09 09:40
Anthracene	< .33	ppm			WG423537	05/28/09 09:40
Benzo(a)anthracene	< .33	ppm			WG423537	05/28/09 09:40
Benzo(a)pyrene	< .33	ppm			WG423537	05/28/09 09:40
Benzo(b)fluoranthene	< .33	ppm			WG423537	05/28/09 09:40
Benzo(g,h,i)perylene	< .33	ppm			WG423537	05/28/09 09:40
Benzo(k)fluoranthene	< .33	ppm			WG423537	05/28/09 09:40
Chrysene	< .33	ppm			WG423537	05/28/09 09:40
Dibenz(a,h)anthracene	< .33	ppm			WG423537	05/28/09 09:40
Fluoranthene	< .33	ppm			WG423537	05/28/09 09:40
Fluorene	< .33	ppm			WG423537	05/28/09 09:40
Indeno(1,2,3-cd)pyrene	< .33	ppm			WG423537	05/28/09 09:40
Naphthalene	< .33	ppm			WG423537	05/28/09 09:40
Phenanthrene	< .33	ppm			WG423537	05/28/09 09:40
Pyrene	< .33	ppm			WG423537	05/28/09 09:40
2-Fluorobiphenyl		% Rec.	66.50	30-120	WG423537	05/28/09 09:40
Nitrobenzene-d5		% Rec.	68.84	18-119	WG423537	05/28/09 09:40
p-Terphenyl-d14		% Rec.	71.74	23-143	WG423537	05/28/09 09:40
1-Methylnaphthalene	< .01	ppm			WG423939	05/29/09 17:50
2-Chloronaphthalene	< .01	ppm			WG423939	05/29/09 17:50
2-Methylnaphthalene	< .01	ppm			WG423939	05/29/09 17:50
Acenaphthene	< .01	ppm			WG423939	05/29/09 17:50
Acenaphthylene	< .01	ppm			WG423939	05/29/09 17:50
Anthracene	< .01	ppm			WG423939	05/29/09 17:50

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Level II

June 25, 2009

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Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
Benzo(a)anthracene	< .01	ppm			WG423939	05/29/09 17:50
Benzo(a)pyrene	< .01	ppm			WG423939	05/29/09 17:50
Benzo(b)fluoranthene	< .01	ppm			WG423939	05/29/09 17:50
Benzo(g,h,i)perylene	< .01	ppm			WG423939	05/29/09 17:50
Benzo(k)fluoranthene	< .01	ppm			WG423939	05/29/09 17:50
Chrysene	< .01	ppm			WG423939	05/29/09 17:50
Dibenz(a,h)anthracene	< .01	ppm			WG423939	05/29/09 17:50
Fluoranthene	< .01	ppm			WG423939	05/29/09 17:50
Fluorene	< .01	ppm			WG423939	05/29/09 17:50
Indeno(1,2,3-cd)pyrene	< .01	ppm			WG423939	05/29/09 17:50
Naphthalene	< .01	ppm			WG423939	05/29/09 17:50
Phenanthrene	< .01	ppm			WG423939	05/29/09 17:50
Pyrene	< .01	ppm			WG423939	05/29/09 17:50
2-Fluorobiphenyl		% Rec.	74.97	26-122	WG423939	05/29/09 17:50
Nitrobenzene-d5		% Rec.	72.91	12-120	WG423939	05/29/09 17:50
p-Terphenyl-d14		% Rec.	89.84	34-149	WG423939	05/29/09 17:50
Arsenic	< 1	mg/kg			WG423987	05/30/09 11:49
Beryllium	< .1	mg/kg			WG423987	05/30/09 11:49
Cadmium	< .25	mg/kg			WG423987	05/30/09 11:49
Chromium	< .5	mg/kg			WG423987	05/30/09 11:49
Copper	< 1	mg/kg			WG423987	05/30/09 11:49
Lead	< .25	mg/kg			WG423987	05/30/09 11:49
Nickel	< 1	mg/kg			WG423987	05/30/09 11:49
Selenium	< 1	mg/kg			WG423987	05/30/09 11:49
Silver	< .5	mg/kg			WG423987	05/30/09 11:49
Thallium	< 1	mg/kg			WG423987	05/30/09 11:49
Zinc	< 1.5	mg/kg			WG423987	05/30/09 11:49
Antimony	< 1	mg/kg			WG423987	06/02/09 03:55
Diesel Range Organics (DRO)	< 4	ppm			WG424943	06/04/09 12:22
o-Terphenyl		% Rec.	107.2	50-150	WG424943	06/04/09 12:22
Mercury	< .0002	mg/l			WG426094	06/12/09 23:36
Mercury,Dissolved	< .0002	mg/l			WG426098	06/14/09 14:36
Beryllium	< .002	mg/l			WG426333	06/13/09 20:43
Cadmium	< .005	mg/l			WG426333	06/13/09 20:43
Chromium	< .01	mg/l			WG426333	06/13/09 20:43
Copper	< .02	mg/l			WG426333	06/13/09 20:43
Lead	< .005	mg/l			WG426333	06/13/09 20:43
Nickel	< .02	mg/l			WG426333	06/13/09 20:43
Selenium	< .02	mg/l			WG426333	06/13/09 20:43
Silver	< .01	mg/l			WG426333	06/13/09 20:43
Zinc	< .03	mg/l			WG426333	06/13/09 20:43
Antimony	< .001	mg/l			WG426269	06/14/09 21:35
Arsenic	< .001	mg/l			WG426269	06/14/09 21:35
Thallium	< .001	mg/l			WG426269	06/14/09 21:35
Antimony,Dissolved	< .001	mg/l			WG426484	06/16/09 04:56

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Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
Arsenic, Dissolved	< .001	mg/l			WG426484	06/16/09 04:56
Thallium, Dissolved	< .001	mg/l			WG426484	06/16/09 04:56
1,4-Dioxane	< .004	mg/l			WG427650	06/20/09 23:00
4-Bromofluorobenzene		% Rec.	88.27	75-128	WG427650	06/20/09 23:00
Dibromofluoromethane		% Rec.	99.45	79-125	WG427650	06/20/09 23:00
Toluene-d8		% Rec.	96.18	87-114	WG427650	06/20/09 23:00
1,4-Dioxane	< .004	mg/l			WG427509	06/20/09 15:24
4-Bromofluorobenzene		% Rec.	107.2	75-128	WG427509	06/20/09 15:24
Dibromofluoromethane		% Rec.	103.7	79-125	WG427509	06/20/09 15:24
Toluene-d8		% Rec.	105.6	87-114	WG427509	06/20/09 15:24

Analyte	Units	Duplicate		RPD	Limit	Ref Samp	Batch
		Result	Duplicate				
Mercury	mg/kg	0.0140	0.0130	7.41	20	L403630-03	WG423494
Total Solids	%	84.9	83.8	1.26	5	L404245-03	WG423815
Arsenic	mg/kg	0.00	0.00	0.00	20	L404615-03	WG423987
Beryllium	mg/kg	0.00	0.100	NA	20	L404615-03	WG423987
Cadmium	mg/kg	0.00	0.00	0.00	20	L404615-03	WG423987
Chromium	mg/kg	8.04	9.10	12.4	20	L404615-03	WG423987
Copper	mg/kg	0.00	0.0606	NA	20	L404615-03	WG423987
Lead	mg/kg	2.14	2.80	26.7*	20	L404615-03	WG423987
Nickel	mg/kg	2.72	2.88	5.71	20	L404615-03	WG423987
Selenium	mg/kg	3.58	4.20	15.9	20	L404615-03	WG423987
Silver	mg/kg	0.00	0.00	0.00	20	L404615-03	WG423987
Zinc	mg/kg	22.7	25.8	12.8	20	L404615-03	WG423987
Antimony	mg/kg	0.00	0.00	0.00	20	L404615-03	WG423987
Thallium	mg/kg	0.00	0.00	0.00	20	L404615-03	WG423987
Mercury	mg/l	0.00	0.00	0.00	20	L406775-15	WG426094
Mercury, Dissolved	mg/l	0.00	0.00	0.00	20	L406945-16	WG426098
Beryllium	mg/l	0.000360	0.000230	44.1*	20	L406969-01	WG426333
Cadmium	mg/l	0.00	0.00	0.00	20	L406969-01	WG426333
Chromium	mg/l	0.00	0.00	0.00	20	L406969-01	WG426333
Copper	mg/l	0.00	0.00	0.00	20	L406969-01	WG426333
Lead	mg/l	0.00	0.00	0.00	20	L406969-01	WG426333
Nickel	mg/l	0.00	0.00840	NA	20	L406969-01	WG426333
Selenium	mg/l	0.00	0.00	0.00	20	L406969-01	WG426333
Silver	mg/l	0.00	0.00130	NA	20	L406969-01	WG426333
Zinc	mg/l	0.00	0.0271	NA	20	L406969-01	WG426333
Antimony	mg/l	0.00	0.00	0.00	20	L406118-02	WG426269
Arsenic	mg/l	0.00	0.00	0.00	20	L406118-02	WG426269
Thallium	mg/l	0.00	0.00	0.00	20	L406118-02	WG426269

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Analyte	Units	Duplicate		RPD	Limit	Ref Samp	Batch
		Result	Duplicate				
Antimony, Dissolved	mg/l	0.00	0.00	0.00	20	L407348-02	WG426484
Arsenic, Dissolved	mg/l	0.00321	0.00330	2.76	20	L407348-02	WG426484
Thallium, Dissolved	mg/l	0.00	0.000240	NA	20	L407348-02	WG426484

Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
Diesel (C7-C26)	mg/kg	30	23.6	78.6	50-150	WG423285
Motor Oil (C16-C40)	mg/kg	30	22.8	75.9	50-150	WG423285
o-Terphenyl				87.53	50-150	WG423285
Mercury	mg/kg	8.77	7.86	89.6	71.6-127.7	WG423494
1,1,1-Trichloroethane	mg/l	.05	0.0390	78.0	67-137	WG423451
1,1,2,2-Tetrachloroethane	mg/l	.05	0.0458	91.6	72-128	WG423451
1,1,2-Trichloroethane	mg/l	.05	0.0477	95.5	79-123	WG423451
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	.05	0.0344	68.7	51-149	WG423451
1,1-Dichloroethane	mg/l	.05	0.0415	83.0	67-133	WG423451
1,1-Dichloroethene	mg/l	.05	0.0398	79.7	60-130	WG423451
1,2,3-Trichlorobenzene	mg/l	.05	0.0437	87.5	63-138	WG423451
1,2,4-Trichlorobenzene	mg/l	.05	0.0405	81.1	65-137	WG423451
1,2-Dibromo-3-Chloropropane	mg/l	.05	0.0503	101.	55-134	WG423451
1,2-Dibromoethane	mg/l	.05	0.0463	92.6	75-126	WG423451
1,2-Dichlorobenzene	mg/l	.05	0.0441	88.3	75-122	WG423451
1,2-Dichloroethane	mg/l	.05	0.0418	83.6	63-137	WG423451
1,2-Dichloropropane	mg/l	.05	0.0472	94.5	74-122	WG423451
1,3-Dichlorobenzene	mg/l	.05	0.0435	87.1	73-131	WG423451
1,4-Dichlorobenzene	mg/l	.05	0.0403	80.6	70-121	WG423451
2-Butanone (MEK)	mg/l	.25	0.203	81.1	53-132	WG423451
2-Hexanone	mg/l	.25	0.239	95.4	56-147	WG423451
4-Methyl-2-pentanone (MIBK)	mg/l	.25	0.231	92.6	60-142	WG423451
Acetone	mg/l	.25	0.228	91.1	48-134	WG423451
Benzene	mg/l	.05	0.0417	83.5	67-126	WG423451
Bromochloromethane	mg/l	.05	0.0475	94.9	75-128	WG423451
Bromodichloromethane	mg/l	.05	0.0458	91.5	68-133	WG423451
Bromoform	mg/l	.05	0.0492	98.3	60-139	WG423451
Bromomethane	mg/l	.05	0.0416	83.3	45-175	WG423451
Carbon disulfide	mg/l	.05	0.0293	58.6	41-148	WG423451
Carbon tetrachloride	mg/l	.05	0.0381	76.3	64-141	WG423451
Chlorobenzene	mg/l	.05	0.0444	88.8	77-125	WG423451
Chlorodibromomethane	mg/l	.05	0.0486	97.1	73-138	WG423451
Chloroethane	mg/l	.05	0.0399	79.8	49-155	WG423451
Chloroform	mg/l	.05	0.0414	82.7	66-126	WG423451
Chloromethane	mg/l	.05	0.0405	81.1	45-152	WG423451
cis-1,2-Dichloroethene	mg/l	.05	0.0438	87.5	72-128	WG423451
cis-1,3-Dichloropropene	mg/l	.05	0.0441	88.2	73-131	WG423451
Dichlorodifluoromethane	mg/l	.05	0.0463	92.5	39-189	WG423451
Ethylbenzene	mg/l	.05	0.0427	85.4	76-129	WG423451
Isopropylbenzene	mg/l	.05	0.0432	86.5	73-132	WG423451
Methyl tert-butyl ether	mg/l	.05	0.0429	85.9	51-142	WG423451
Methylene Chloride	mg/l	.05	0.0414	82.8	64-125	WG423451
Styrene	mg/l	.05	0.0446	89.2	78-130	WG423451
Tetrachloroethene	mg/l	.05	0.0410	82.1	67-135	WG423451
Toluene	mg/l	.05	0.0403	80.5	72-122	WG423451
trans-1,2-Dichloroethene	mg/l	.05	0.0420	84.1	67-129	WG423451
trans-1,3-Dichloropropene	mg/l	.05	0.0426	85.1	66-137	WG423451

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Quality Assurance Report Level II

L404242

June 25, 2009

Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
Trichloroethene	mg/l	.05	0.0429	85.8	74-126	WG423451
Trichlorofluoromethane	mg/l	.05	0.0403	80.5	54-156	WG423451
Vinyl chloride	mg/l	.05	0.0373	74.6	55-153	WG423451
4-Bromofluorobenzene				99.10	75-128	WG423451
Dibromofluoromethane				97.41	79-125	WG423451
Toluene-d8				98.98	87-114	WG423451
1,1,1-Trichloroethane	mg/kg	.05	0.0587	117.	62-135	WG423541
1,1,2,2-Tetrachloroethane	mg/kg	.05	0.0536	107.	74-129	WG423541
1,1,2-Trichloroethane	mg/kg	.05	0.0500	100.	77-124	WG423541
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	.05	0.0450	90.0	49-155	WG423541
1,1-Dichloroethane	mg/kg	.05	0.0525	105.	61-134	WG423541
1,1-Dichloroethene	mg/kg	.05	0.0473	94.7	53-136	WG423541
1,2,3-Trichlorobenzene	mg/kg	.05	0.0494	98.9	62-146	WG423541
1,2,4-Trichlorobenzene	mg/kg	.05	0.0506	101.	61-148	WG423541
1,2-Dibromo-3-Chloropropane	mg/kg	.05	0.0578	116.	61-134	WG423541
1,2-Dibromoethane	mg/kg	.05	0.0560	112.	76-127	WG423541
1,2-Dichlorobenzene	mg/kg	.05	0.0483	96.7	77-123	WG423541
1,2-Dichloroethane	mg/kg	.05	0.0581	116.	58-141	WG423541
1,2-Dichloropropane	mg/kg	.05	0.0493	98.5	71-128	WG423541
1,3-Dichlorobenzene	mg/kg	.05	0.0515	103.	71-132	WG423541
1,4-Dichlorobenzene	mg/kg	.05	0.0459	91.9	72-123	WG423541
2-Butanone (MEK)	mg/kg	.25	0.292	117.	51-131	WG423541
2-Hexanone	mg/kg	.25	0.305	122.	62-145	WG423541
4-Methyl-2-pentanone (MIBK)	mg/kg	.25	0.303	121.	61-143	WG423541
Acetone	mg/kg	.25	0.286	114.	44-140	WG423541
Benzene	mg/kg	.05	0.0506	101.	65-128	WG423541
Bromochloromethane	mg/kg	.05	0.0559	112.	73-130	WG423541
Bromodichloromethane	mg/kg	.05	0.0550	110.	66-126	WG423541
Bromoform	mg/kg	.05	0.0596	119.	64-139	WG423541
Bromomethane	mg/kg	.05	0.0799	160.	41-175	WG423541
Carbon disulfide	mg/kg	.05	0.0412	82.4	36-161	WG423541
Carbon tetrachloride	mg/kg	.05	0.0561	112.	60-140	WG423541
Chlorobenzene	mg/kg	.05	0.0509	102.	75-125	WG423541
Chlorodibromomethane	mg/kg	.05	0.0564	113.	72-137	WG423541
Chloroethane	mg/kg	.05	0.0557	111.	44-159	WG423541
Chloroform	mg/kg	.05	0.0522	104.	63-123	WG423541
Chloromethane	mg/kg	.05	0.0530	106.	42-149	WG423541
cis-1,2-Dichloroethene	mg/kg	.05	0.0552	110.	71-129	WG423541
cis-1,3-Dichloropropane	mg/kg	.05	0.0529	106.	73-132	WG423541
Dichlorodifluoromethane	mg/kg	.05	0.0638	128.	26-186	WG423541
Ethylbenzene	mg/kg	.05	0.0541	108.	74-128	WG423541
Isopropylbenzene	mg/kg	.05	0.0571	114.	73-130	WG423541
Methyl tert-butyl ether	mg/kg	.05	0.0530	106.	44-148	WG423541
Methylene Chloride	mg/kg	.05	0.0528	106.	57-129	WG423541
Styrene	mg/kg	.05	0.0575	115.	76-133	WG423541
Tetrachloroethene	mg/kg	.05	0.0516	103.	65-135	WG423541
Toluene	mg/kg	.05	0.0500	99.9	70-120	WG423541
trans-1,2-Dichloroethene	mg/kg	.05	0.0548	110.	61-133	WG423541
trans-1,3-Dichloropropene	mg/kg	.05	0.0548	110.	70-135	WG423541
Trichloroethene	mg/kg	.05	0.0551	110.	71-126	WG423541
Trichlorofluoromethane	mg/kg	.05	0.0594	119.	52-147	WG423541
Vinyl chloride	mg/kg	.05	0.0508	102.	50-151	WG423541
4-Bromofluorobenzene				110.6	59-140	WG423541
Dibromofluoromethane				108.4	63-139	WG423541
Toluene-d8				100.6	84-116	WG423541

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Quality Assurance Report
Level II

L404242

June 25, 2009

Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
1,1,1-Trichloroethane	mg/kg	.05	0.0414	82.8	62-135	WG423576
1,1,2,2-Tetrachloroethane	mg/kg	.05	0.0490	97.9	74-129	WG423576
1,1,2-Trichloroethane	mg/kg	.05	0.0460	91.9	77-124	WG423576
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	.05	0.0395	79.0	49-155	WG423576
1,1-Dichloroethane	mg/kg	.05	0.0446	89.2	61-134	WG423576
1,1-Dichloroethene	mg/kg	.05	0.0375	74.9	53-136	WG423576
1,2,3-Trichlorobenzene	mg/kg	.05	0.0517	103.	62-146	WG423576
1,2,4-Trichlorobenzene	mg/kg	.05	0.0541	108.	61-148	WG423576
1,2-Dibromo-3-Chloropropane	mg/kg	.05	0.0487	97.4	61-134	WG423576
1,2-Dibromoethane	mg/kg	.05	0.0473	94.6	76-127	WG423576
1,2-Dichlorobenzene	mg/kg	.05	0.0479	95.7	77-123	WG423576
1,2-Dichloroethane	mg/kg	.05	0.0421	84.1	58-141	WG423576
1,2-Dichloropropane	mg/kg	.05	0.0476	95.1	71-128	WG423576
1,3-Dichlorobenzene	mg/kg	.05	0.0501	100.	71-132	WG423576
1,4-Dichlorobenzene	mg/kg	.05	0.0464	92.9	72-123	WG423576
2-Butanone (MEK)	mg/kg	.25	0.229	91.5	51-131	WG423576
2-Hexanone	mg/kg	.25	0.250	99.8	62-145	WG423576
4-Methyl-2-pentanone (MIBK)	mg/kg	.25	0.244	97.6	61-143	WG423576
Acetone	mg/kg	.25	0.216	86.5	44-140	WG423576
Benzene	mg/kg	.05	0.0429	85.9	65-128	WG423576
Bromochloromethane	mg/kg	.05	0.0478	95.7	73-130	WG423576
Bromodichloromethane	mg/kg	.05	0.0415	83.1	66-126	WG423576
Bromoform	mg/kg	.05	0.0488	97.7	64-139	WG423576
Bromomethane	mg/kg	.05	0.0349	69.9	41-175	WG423576
Carbon disulfide	mg/kg	.05	0.0310	62.1	36-161	WG423576
Carbon tetrachloride	mg/kg	.05	0.0367	73.3	60-140	WG423576
Chlorobenzene	mg/kg	.05	0.0450	90.1	75-125	WG423576
Chlorodibromomethane	mg/kg	.05	0.0434	86.7	72-137	WG423576
Chloroethane	mg/kg	.05	0.0365	72.9	44-159	WG423576
Chloroform	mg/kg	.05	0.0457	91.4	63-123	WG423576
Chloromethane	mg/kg	.05	0.0356	71.3	42-149	WG423576
cis-1,2-Dichloroethene	mg/kg	.05	0.0443	88.7	71-129	WG423576
cis-1,3-Dichloropropene	mg/kg	.05	0.0476	95.2	73-132	WG423576
Dichlorodifluoromethane	mg/kg	.05	0.0310	61.9	26-186	WG423576
Ethylbenzene	mg/kg	.05	0.0453	90.5	74-128	WG423576
Isopropylbenzene	mg/kg	.05	0.0458	91.6	73-130	WG423576
Methyl tert-butyl ether	mg/kg	.05	0.0421	84.2	44-148	WG423576
Methylene Chloride	mg/kg	.05	0.0394	78.8	57-129	WG423576
Styrene	mg/kg	.05	0.0486	97.1	76-133	WG423576
Tetrachloroethene	mg/kg	.05	0.0419	83.8	65-135	WG423576
Toluene	mg/kg	.05	0.0441	88.2	70-120	WG423576
trans-1,2-Dichloroethene	mg/kg	.05	0.0400	80.0	61-133	WG423576
trans-1,3-Dichloropropene	mg/kg	.05	0.0453	90.7	70-135	WG423576
Trichloroethene	mg/kg	.05	0.0448	89.7	71-126	WG423576
Trichlorofluoromethane	mg/kg	.05	0.0352	70.4	52-147	WG423576
Vinyl chloride	mg/kg	.05	0.0385	77.0	50-151	WG423576
4-Bromofluorobenzene				98.35	59-140	WG423576
Dibromofluoromethane				92.27	63-139	WG423576
Toluene-d8				102.3	84-116	WG423576
Pentachlorophenol	ppm	.333	0.261	78.4	37-118	WG423526
2,4,6-Tribromophenol				77.09	25-137	WG423526
2-Fluorobiphenyl				71.07	30-120	WG423526
2-Fluorophenol				77.89	26-130	WG423526
Nitrobenzene-d5				75.87	18-119	WG423526
Phenol-d5				78.27	37-141	WG423526
p-Terphenyl-d14				86.70	23-143	WG423526

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Quality Assurance Report
Level II

L404242

June 25, 2009

Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
1,2,4,5-Tetrachlorobenzene	ppm	.01	0.00779	77.9	39-116	WG423529
2,4,5-Trichlorophenol	ppm	.01	0.00729	72.9	48-120	WG423529
2,4,6-Trichlorophenol	ppm	.01	0.00689	68.9	49-118	WG423529
2,4-Dichlorophenol	ppm	.01	0.00737	73.7	46-115	WG423529
2,4-Dimethylphenol	ppm	.01	0.0113	113.	40-124	WG423529
2,4-Dinitrophenol	ppm	.01	0.00548	54.8	10-125	WG423529
2,4-Dinitrotoluene	ppm	.01	0.00828	82.8	56-128	WG423529
2,6-Dinitrotoluene	ppm	.01	0.00802	80.2	56-121	WG423529
2-Chloronaphthalene	ppm	.01	0.00726	72.6	44-110	WG423529
2-Chlorophenol	ppm	.01	0.00649	64.9	38-114	WG423529
2-Methylnaphthalene	ppm	.01	0.00755	75.5	28-122	WG423529
2-Methylphenol	ppm	.01	0.00594	59.4	42-99	WG423529
2-Nitroaniline	ppm	.01	0.00751	75.1	55-124	WG423529
2-Nitrophenol	ppm	.01	0.00769	76.9	35-118	WG423529
3&4-methyl phenol	ppm	.01	0.00609	60.9	36-102	WG423529
3,3-Dichlorobenzidine	ppm	.01	0.00886	88.6	46-145	WG423529
3-Nitroaniline	ppm	.01	0.00817	81.7	39-141	WG423529
4,6-Dinitro-2-methylphenol	ppm	.01	0.00593	59.3	24-119	WG423529
4-Bromophenyl-phenylether	ppm	.01	0.00653	65.3	45-105	WG423529
4-Chloro-3-methylphenol	ppm	.01	0.00660	66.0	47-116	WG423529
4-Chloroaniline	ppm	.01	0.00775	77.5	21-151	WG423529
4-Chlorophenyl-phenylether	ppm	.01	0.00762	76.2	49-116	WG423529
4-Nitroaniline	ppm	.01	0.00938	93.8	43-144	WG423529
4-Nitrophenol	ppm	.01	0.00254	25.4	10-66	WG423529
Acenaphthene	ppm	.01	0.00776	77.6	48-110	WG423529
Acenaphthylene	ppm	.01	0.00790	79.0	48-113	WG423529
Acetophenone	ppm	.01	0.00705	70.5	35-98	WG423529
Anthracene	ppm	.01	0.00862	86.2	55-127	WG423529
Atrazine	ppm	.01	0.00961	96.1	43-159	WG423529
Benzaldehyde	ppm	.01	0.00273	27.3	1-78	WG423529
Benzo(a)anthracene	ppm	.01	0.00839	83.9	57-115	WG423529
Benzo(a)pyrene	ppm	.01	0.00851	85.1	63-125	WG423529
Benzo(b)fluoranthene	ppm	.01	0.00858	85.8	50-123	WG423529
Benzo(g,h,i)perylene	ppm	.01	0.00867	86.7	39-143	WG423529
Benzo(k)fluoranthene	ppm	.01	0.00805	80.5	45-126	WG423529
Benzylbutyl phthalate	ppm	.01	0.00478	47.8	22-154	WG423529
Biphenyl	ppm	.01	0.00707	70.7	45-111	WG423529
Bis(2-chlorethoxy)methane	ppm	.01	0.00763	76.3	42-116	WG423529
Bis(2-chloroethyl)ether	ppm	.01	0.00623	62.3	26-115	WG423529
Bis(2-chloroisopropyl)ether	ppm	.01	0.00705	70.5	32-115	WG423529
Bis(2-ethylhexyl)phthalate	ppm	.01	0.00913	91.3	47-143	WG423529
Caprolactam	ppm	.01	0.00205	20.5	11-33	WG423529
Carbazole	ppm	.01	0.00801	80.1	49-133	WG423529
Chrysene	ppm	.01	0.00891	89.1	58-113	WG423529
Di-n-butyl phthalate	ppm	.01	0.00686	68.6	51-131	WG423529
Di-n-octyl phthalate	ppm	.01	0.00841	84.1	51-138	WG423529
Dibenz(a,h)anthracene	ppm	.01	0.00833	83.3	39-144	WG423529
Dibenzofuran	ppm	.01	0.00766	76.6	50-121	WG423529
Diethyl phthalate	ppm	.01	0.00513	51.3	36-128	WG423529
Dimethyl phthalate	ppm	.01	0.00254	25.5	10-135	WG423529
Fluoranthene	ppm	.01	0.00850	85.0	53-119	WG423529
Fluorene	ppm	.01	0.00844	84.4	49-116	WG423529
Hexachloro-1,3-butadiene	ppm	.01	0.00735	73.5	21-116	WG423529
Hexachlorobenzene	ppm	.01	0.00728	72.8	51-121	WG423529
Hexachlorocyclopentadiene	ppm	.01	0.00678	67.8	4-126	WG423529
Hexachloroethane	ppm	.01	0.00584	58.4	15-109	WG423529
Indeno(1,2,3-cd)pyrene	ppm	.01	0.00841	84.1	40-143	WG423529
Isophorone	ppm	.01	0.00756	75.6	48-126	WG423529

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Quality Assurance Report
Level II

L404242

June 25, 2009

Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
n-Nitrosodi-n-propylamine	ppm	.01	0.00704	70.4	47-122	WG423529
n-Nitrosodiphenylamine	ppm	.01	0.00732	73.2	59-143	WG423529
Naphthalene	ppm	.01	0.00696	69.6	29-103	WG423529
Nitrobenzene	ppm	.01	0.00705	70.5	31-105	WG423529
Pentachlorophenol	ppm	.01	0.00678	67.8	20-122	WG423529
Phenanthrene	ppm	.01	0.00808	80.8	54-112	WG423529
Phenol	ppm	.01	0.00294	29.4	17-52	WG423529
Pyrene	ppm	.01	0.00837	83.7	46-130	WG423529
2,4,6-Tribromophenol				72.33	10-148	WG423529
2-Fluorobiphenyl				69.29	26-122	WG423529
2-Fluorophenol				38.22	10-87	WG423529
Nitrobenzene-d5				68.01	12-120	WG423529
Phenol-d5				23.07	10-67	WG423529
p-Terphenyl-d14				86.05	34-149	WG423529
1-Methylnaphthalene	ppm	.001	0.000843	84.3	30-123	WG423352
2-Chloronaphthalene	ppm	.001	0.000859	85.9	34-120	WG423352
2-Methylnaphthalene	ppm	.001	0.000829	82.9	29-116	WG423352
Acenaphthene	ppm	.001	0.000901	90.1	40-113	WG423352
Acenaphthylene	ppm	.001	0.000937	93.7	36-115	WG423352
Anthracene	ppm	.001	0.000936	93.6	45-118	WG423352
Benzo(a)anthracene	ppm	.001	0.000904	90.4	36-129	WG423352
Benzo(a)pyrene	ppm	.001	0.000957	95.7	44-124	WG423352
Benzo(b)fluoranthene	ppm	.001	0.000915	91.5	43-126	WG423352
Benzo(g,h,i)perylene	ppm	.001	0.000997	99.7	39-128	WG423352
Benzo(k)fluoranthene	ppm	.001	0.00100	100.	44-127	WG423352
Chrysene	ppm	.001	0.000867	86.7	36-137	WG423352
Dibenz(a,h)anthracene	ppm	.001	0.000985	98.5	39-129	WG423352
Fluoranthene	ppm	.001	0.000922	92.2	45-123	WG423352
Fluorene	ppm	.001	0.000938	93.8	41-118	WG423352
Indeno(1,2,3-cd)pyrene	ppm	.001	0.00100	100.	39-129	WG423352
Naphthalene	ppm	.001	0.000815	81.5	26-111	WG423352
Phenanthrene	ppm	.001	0.000945	94.5	41-116	WG423352
Pyrene	ppm	.001	0.000872	87.2	32-136	WG423352
2-Fluorobiphenyl				86.96	26-122	WG423352
Nitrobenzene-d5				78.69	12-120	WG423352
p-Terphenyl-d14				97.16	34-149	WG423352
1,1,1-Trichloroethane	mg/l	.025	0.0236	94.2	67-137	WG423629
1,1,2,2-Tetrachloroethane	mg/l	.025	0.0184	73.7	72-128	WG423629
1,1,2-Trichloroethane	mg/l	.025	0.0199	79.7	79-123	WG423629
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	.025	0.0206	82.3	51-149	WG423629
1,1-Dichloroethane	mg/l	.025	0.0238	95.4	67-133	WG423629
1,1-Dichloroethene	mg/l	.025	0.0241	96.4	60-130	WG423629
1,2,3-Trichlorobenzene	mg/l	.025	0.0207	82.8	63-138	WG423629
1,2,4-Trichlorobenzene	mg/l	.025	0.0218	87.3	65-137	WG423629
1,2-Dibromo-3-Chloropropane	mg/l	.025	0.0189	75.7	55-134	WG423629
1,2-Dibromoethane	mg/l	.025	0.0187	74.7*	75-126	WG423629
1,2-Dichlorobenzene	mg/l	.025	0.0231	92.2	75-122	WG423629
1,2-Dichloroethane	mg/l	.025	0.0204	81.7	63-137	WG423629
1,2-Dichloropropane	mg/l	.025	0.0220	87.9	74-122	WG423629
1,3-Dichlorobenzene	mg/l	.025	0.0228	91.2	73-131	WG423629
1,4-Dichlorobenzene	mg/l	.025	0.0234	93.7	70-121	WG423629
2-Butanone (MEK)	mg/l	.125	0.0913	73.0	53-132	WG423629
2-Hexanone	mg/l	.125	0.0916	73.3	56-147	WG423629
4-Methyl-2-pentanone (MIBK)	mg/l	.125	0.0967	77.4	60-142	WG423629
Acetone	mg/l	.125	0.106	84.9	48-134	WG423629

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Quality Assurance Report
Level II

June 25, 2009

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Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
Benzene	mg/l	.025	0.0235	93.9	67-126	WG423629
Bromochloromethane	mg/l	.025	0.0216	86.5	75-128	WG423629
Bromodichloromethane	mg/l	.025	0.0224	89.5	68-133	WG423629
Bromoform	mg/l	.025	0.0207	82.9	60-139	WG423629
Bromomethane	mg/l	.025	0.0246	98.5	45-175	WG423629
Carbon disulfide	mg/l	.025	0.0242	96.9	41-148	WG423629
Carbon tetrachloride	mg/l	.025	0.0234	93.5	64-141	WG423629
Chlorobenzene	mg/l	.025	0.0230	91.9	77-125	WG423629
Chlorodibromomethane	mg/l	.025	0.0218	87.2	73-138	WG423629
Chloroethane	mg/l	.025	0.0247	98.7	49-155	WG423629
Chloroform	mg/l	.025	0.0216	86.4	66-126	WG423629
Chloromethane	mg/l	.025	0.0243	97.4	45-152	WG423629
cis-1,2-Dichloroethene	mg/l	.025	0.0237	94.7	72-128	WG423629
cis-1,3-Dichloropropene	mg/l	.025	0.0215	86.0	73-131	WG423629
Dichlorodifluoromethane	mg/l	.025	0.0246	98.3	39-189	WG423629
Ethylbenzene	mg/l	.025	0.0240	96.1	76-129	WG423629
Isopropylbenzene	mg/l	.025	0.0243	97.4	73-132	WG423629
Methyl tert-butyl ether	mg/l	.025	0.0211	84.3	51-142	WG423629
Methylene Chloride	mg/l	.025	0.0228	91.2	64-125	WG423629
Styrene	mg/l	.025	0.0229	91.4	78-130	WG423629
Tetrachloroethene	mg/l	.025	0.0243	97.4	67-135	WG423629
Toluene	mg/l	.025	0.0228	91.1	72-122	WG423629
trans-1,2-Dichloroethene	mg/l	.025	0.0241	96.5	67-129	WG423629
trans-1,3-Dichloropropene	mg/l	.025	0.0196	78.3	66-137	WG423629
Trichloroethene	mg/l	.025	0.0237	94.9	74-126	WG423629
Trichlorofluoromethane	mg/l	.025	0.0244	97.5	54-156	WG423629
Vinyl chloride	mg/l	.025	0.0239	95.5	55-153	WG423629
4-Bromofluorobenzene				92.07	75-128	WG423629
Dibromofluoromethane				100.3	79-125	WG423629
Toluene-d8				99.01	87-114	WG423629
Total Solids	%	50	50.0	100.	85-115	WG423815
1-Methylnaphthalene	ppm	.033	0.0221	67.0	41-110	WG423537
2-Chloronaphthalene	ppm	.033	0.0215	65.2	43-109	WG423537
2-Methylnaphthalene	ppm	.033	0.0204	61.9	38-104	WG423537
Acenaphthene	ppm	.033	0.0223	67.4	48-103	WG423537
Acenaphthylene	ppm	.033	0.0223	67.6	43-106	WG423537
Anthracene	ppm	.033	0.0242	73.3	51-110	WG423537
Benzo(a)anthracene	ppm	.033	0.0240	72.7	38-126	WG423537
Benzo(a)pyrene	ppm	.033	0.0245	74.3	47-118	WG423537
Benzo(b)fluoranthene	ppm	.033	0.0250	75.8	47-118	WG423537
Benzo(g,h,i)perylene	ppm	.033	0.0240	72.8	40-125	WG423537
Benzo(k)fluoranthene	ppm	.033	0.0249	75.4	45-121	WG423537
Chrysene	ppm	.033	0.0222	67.1	35-135	WG423537
Dibenz(a,h)anthracene	ppm	.033	0.0240	72.7	41-124	WG423537
Fluoranthene	ppm	.033	0.0237	71.9	50-114	WG423537
Fluorene	ppm	.033	0.0233	70.5	49-109	WG423537
Indeno(1,2,3-cd)pyrene	ppm	.033	0.0244	73.9	40-126	WG423537
Naphthalene	ppm	.033	0.0198	60.0	36-100	WG423537
Phenanthrene	ppm	.033	0.0231	69.9	46-108	WG423537
Pyrene	ppm	.033	0.0227	68.9	30-136	WG423537
2-Fluorobiphenyl				60.82	30-120	WG423537
Nitrobenzene-d5				57.85	18-119	WG423537
p-Terphenyl-d14				68.60	23-143	WG423537

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1-Methylnaphthalene	ppm	.001	0.000946	94.6	30-123	WG423939
2-Chloronaphthalene	ppm	.001	0.000933	93.3	34-120	WG423939
2-Methylnaphthalene	ppm	.001	0.000860	86.0	29-116	WG423939
Acenaphthene	ppm	.001	0.000948	94.8	40-113	WG423939
Acenaphthylene	ppm	.001	0.000951	95.1	36-115	WG423939
Anthracene	ppm	.001	0.000966	96.6	45-118	WG423939
Benzo(a)anthracene	ppm	.001	0.000858	85.8	36-129	WG423939
Benzo(a)pyrene	ppm	.001	0.00100	100.	44-124	WG423939
Benzo(b)fluoranthene	ppm	.001	0.000855	85.5	43-126	WG423939
Benzo(g,h,i)perylene	ppm	.001	0.000978	97.8	39-128	WG423939
Benzo(k)fluoranthene	ppm	.001	0.00106	106.	44-127	WG423939
Chrysene	ppm	.001	0.000929	92.9	36-137	WG423939
Dibenz(a,h)anthracene	ppm	.001	0.000996	99.6	39-129	WG423939
Fluoranthene	ppm	.001	0.000969	96.9	45-123	WG423939
Fluorene	ppm	.001	0.000960	96.0	41-118	WG423939
Indeno(1,2,3-cd)pyrene	ppm	.001	0.000994	99.4	39-129	WG423939
Naphthalene	ppm	.001	0.000880	88.0	26-111	WG423939
Phenanthrene	ppm	.001	0.000876	87.6	41-116	WG423939
Pyrene	ppm	.001	0.000863	86.3	32-136	WG423939
2-Fluorobiphenyl				92.86	26-122	WG423939
Nitrobenzene-d5				86.77	12-120	WG423939
p-Terphenyl-d14				97.61	34-149	WG423939
Arsenic	mg/kg	192	182.	94.8	78.6-120.8	WG423987
Beryllium	mg/kg	69.3	66.6	96.1	79.8-120.1	WG423987
Cadmium	mg/kg	70.1	67.1	95.7	78.5-121.5	WG423987
Chromium	mg/kg	168	166.	98.8	80.4-120.2	WG423987
Copper	mg/kg	122	122.	100.	81.6-119.7	WG423987
Lead	mg/kg	113	108.	95.6	77.3-122.1	WG423987
Nickel	mg/kg	74.1	78.2	106.	78.8-121.2	WG423987
Selenium	mg/kg	176	173.	98.3	75.6-125.0	WG423987
Silver	mg/kg	115	109.	94.8	66-133.9	WG423987
Thallium	mg/kg	111	108.	97.3	77.6-122.5	WG423987
Zinc	mg/kg	437	426.	97.5	78.5-121.7	WG423987
Antimony	mg/kg	85.1	38.7	45.5	1.2-242.1	WG423987
Diesel Range Organics (DRO)	mg/kg	30	25.5	85.0	60-140	WG424943
Residual Range Organics (RRO)	mg/kg	30	24.9	82.9*	0-0	WG424943
o-Terphenyl				86.82	50-150	WG424943
Mercury	mg/l	.003	0.00311	104.	85-115	WG426094
Mercury,Dissolved	mg/l	.003	0.00291	97.0	85-115	WG426098
Beryllium	mg/l	1.13	1.07	94.7	85-115	WG426333
Cadmium	mg/l	1.13	1.13	100.	85-115	WG426333
Chromium	mg/l	1.13	1.11	98.2	85-115	WG426333
Copper	mg/l	1.13	1.07	94.7	85-115	WG426333
Lead	mg/l	1.13	1.15	102.	85-115	WG426333
Nickel	mg/l	1.13	1.10	97.3	85-115	WG426333
Selenium	mg/l	1.13	1.05	92.9	85-115	WG426333
Silver	mg/l	1.13	1.06	93.8	85-115	WG426333
Zinc	mg/l	1.13	1.07	94.7	85-115	WG426333

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		Known Val	Result			
Antimony	mg/l	.0567	0.0577	102.	85-115	WG426269
Arsenic	mg/l	.0567	0.0547	96.5	85-115	WG426269
Thallium	mg/l	.0567	0.0573	101.	85-115	WG426269
Antimony, Dissolved	mg/l	.0567	0.0577	102.	85-115	WG426484
Arsenic, Dissolved	mg/l	.0567	0.0555	97.9	85-115	WG426484
Thallium, Dissolved	mg/l	.0567	0.0619	109.	85-115	WG426484
1,4-Dioxane	mg/l	.05	0.00	0.00*	70-130	WG427650
4-Bromofluorobenzene				93.21	75-128	WG427650
Dibromofluoromethane				97.00	79-125	WG427650
Toluene-d8				98.46	87-114	WG427650
1,4-Dioxane	mg/l	.05	0.0228	45.5*	70-130	WG427509
4-Bromofluorobenzene				105.5	75-128	WG427509
Dibromofluoromethane				107.9	79-125	WG427509
Toluene-d8				104.6	87-114	WG427509

Analyte	Units	Laboratory Control Sample Duplicate			Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
Diesel (C7-C26)	mg/kg	24.8	23.6	83.0	50-150	5.02	20	WG423285
Motor Oil (C16-C40)	mg/kg	23.1	22.8	77.0	50-150	1.24	25	WG423285
o-Terphenyl				90.89	50-150			WG423285
1,1,1-Trichloroethane	mg/l	0.0406	0.0390	81.0	67-137	3.90	20	WG423451
1,1,2,2-Tetrachloroethane	mg/l	0.0463	0.0458	93.0	72-128	1.09	20	WG423451
1,1,2-Trichloroethane	mg/l	0.0497	0.0477	99.0	79-123	4.03	20	WG423451
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	0.0365	0.0344	73.0	51-149	6.03	20	WG423451
1,1-Dichloroethane	mg/l	0.0415	0.0415	83.0	67-133	0.0516	20	WG423451
1,1-Dichloroethene	mg/l	0.0405	0.0398	81.0	60-130	1.62	20	WG423451
1,2,3-Trichlorobenzene	mg/l	0.0452	0.0437	90.0	63-138	3.31	20	WG423451
1,2,4-Trichlorobenzene	mg/l	0.0424	0.0405	85.0	65-137	4.58	20	WG423451
1,2-Dibromo-3-Chloropropane	mg/l	0.0507	0.0503	101.	55-134	0.826	20	WG423451
1,2-Dibromoethane	mg/l	0.0483	0.0463	97.0	75-126	4.33	20	WG423451
1,2-Dichlorobenzene	mg/l	0.0458	0.0441	92.0	75-122	3.67	20	WG423451
1,2-Dichloroethane	mg/l	0.0426	0.0418	85.0	63-137	1.87	20	WG423451
1,2-Dichloropropane	mg/l	0.0478	0.0472	96.0	74-122	1.12	20	WG423451
1,3-Dichlorobenzene	mg/l	0.0453	0.0435	91.0	73-131	4.02	20	WG423451
1,4-Dichlorobenzene	mg/l	0.0427	0.0403	85.0	70-121	5.73	20	WG423451
2-Butanone (MEK)	mg/l	0.195	0.203	78.0	53-132	3.81	20	WG423451
2-Hexanone	mg/l	0.240	0.239	96.0	56-147	0.483	20	WG423451
4-Methyl-2-pentanone (MIBK)	mg/l	0.236	0.231	94.0	60-142	1.78	20	WG423451
Acetone	mg/l	0.223	0.228	89.0	48-134	2.29	20	WG423451
Benzene	mg/l	0.0417	0.0417	83.0	67-126	0.0869	20	WG423451
Bromochloromethane	mg/l	0.0474	0.0475	95.0	75-128	0.105	20	WG423451
Bromodichloromethane	mg/l	0.0476	0.0458	95.0	68-133	4.03	20	WG423451
Bromoform	mg/l	0.0527	0.0492	105.	60-139	6.95	20	WG423451
Bromomethane	mg/l	0.0446	0.0416	89.0	45-175	6.87	20	WG423451
Carbon disulfide	mg/l	0.0302	0.0293	60.0	41-148	3.13	20	WG423451
Carbon tetrachloride	mg/l	0.0397	0.0381	79.0	64-141	3.92	20	WG423451
Chlorobenzene	mg/l	0.0469	0.0444	94.0	77-125	5.44	20	WG423451
Chlorodibromomethane	mg/l	0.0508	0.0486	102.	73-138	4.44	20	WG423451
Chloroethane	mg/l	0.0444	0.0399	89.0	49-155	10.8	20	WG423451

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Analyte	Units	Laboratory Control		Sample Duplicate	Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
Chloroform	mg/l	0.0411	0.0414	82.0	66-126	0.714	20	WG423451
Chloromethane	mg/l	0.0417	0.0405	83.0	45-152	2.90	20	WG423451
cis-1,2-Dichloroethene	mg/l	0.0445	0.0438	89.0	72-128	1.75	20	WG423451
cis-1,3-Dichloropropene	mg/l	0.0452	0.0441	90.0	73-131	2.50	20	WG423451
Dichlorodifluoromethane	mg/l	0.0491	0.0463	98.0	39-189	5.95	24	WG423451
Ethylbenzene	mg/l	0.0453	0.0427	91.0	76-129	5.97	20	WG423451
Isopropylbenzene	mg/l	0.0459	0.0432	92.0	73-132	6.01	20	WG423451
Methyl tert-butyl ether	mg/l	0.0423	0.0429	85.0	51-142	1.41	20	WG423451
Methylene Chloride	mg/l	0.0422	0.0414	84.0	64-125	1.93	20	WG423451
Styrene	mg/l	0.0473	0.0446	95.0	78-130	5.84	20	WG423451
Tetrachloroethene	mg/l	0.0451	0.0410	90.0	67-135	9.53	20	WG423451
Toluene	mg/l	0.0431	0.0403	86.0	72-122	6.86	20	WG423451
trans-1,2-Dichloroethene	mg/l	0.0422	0.0420	84.0	67-129	0.416	20	WG423451
trans-1,3-Dichloropropene	mg/l	0.0454	0.0426	91.0	66-137	6.39	20	WG423451
Trichloroethene	mg/l	0.0455	0.0429	91.0	74-126	5.87	20	WG423451
Trichlorofluoromethane	mg/l	0.0431	0.0403	86.0	54-156	6.73	20	WG423451
Vinyl chloride	mg/l	0.0401	0.0373	80.0	55-153	7.28	20	WG423451
4-Bromofluorobenzene				100.0	75-128			WG423451
Dibromofluoromethane				94.57	79-125			WG423451
Toluene-d8				100.1	87-114			WG423451
1,1,1-Trichloroethane	mg/kg	0.0609	0.0587	122.	62-135	3.68	20	WG423541
1,1,2,2-Tetrachloroethane	mg/kg	0.0534	0.0536	107.	74-129	0.282	20	WG423541
1,1,2-Trichloroethane	mg/kg	0.0512	0.0500	102.	77-124	2.38	20	WG423541
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0480	0.0450	96.0	49-155	6.37	20	WG423541
1,1-Dichloroethane	mg/kg	0.0532	0.0525	106.	61-134	1.37	20	WG423541
1,1-Dichloroethene	mg/kg	0.0477	0.0473	95.0	53-136	0.785	20	WG423541
1,2,3-Trichlorobenzene	mg/kg	0.0506	0.0494	101.	62-146	2.38	20	WG423541
1,2,4-Trichlorobenzene	mg/kg	0.0525	0.0506	105.	61-148	3.73	20	WG423541
1,2-Dibromo-3-Chloropropane	mg/kg	0.0535	0.0578	107.	61-134	7.71	21	WG423541
1,2-Dibromoethane	mg/kg	0.0578	0.0560	116.	76-127	3.12	20	WG423541
1,2-Dichlorobenzene	mg/kg	0.0501	0.0483	100.	77-123	3.59	20	WG423541
1,2-Dichloroethane	mg/kg	0.0582	0.0581	116.	58-141	0.244	20	WG423541
1,2-Dichloropropane	mg/kg	0.0500	0.0493	100.	71-128	1.45	20	WG423541
1,3-Dichlorobenzene	mg/kg	0.0564	0.0515	113.	71-132	9.18	20	WG423541
1,4-Dichlorobenzene	mg/kg	0.0482	0.0459	96.0	72-123	4.79	20	WG423541
2-Butanone (MEK)	mg/kg	0.250	0.292	100.	51-131	15.6	25	WG423541
2-Hexanone	mg/kg	0.279	0.305	112.	62-145	8.84	23	WG423541
4-Methyl-2-pentanone (MIBK)	mg/kg	0.271	0.303	108.	61-143	11.0	23	WG423541
Acetone	mg/kg	0.245	0.286	98.0	44-140	15.6	25	WG423541
Benzene	mg/kg	0.0509	0.0506	102.	65-128	0.606	20	WG423541
Bromochloromethane	mg/kg	0.0555	0.0559	111.	73-130	0.668	20	WG423541
Bromodichloromethane	mg/kg	0.0581	0.0550	116.	66-126	5.50	20	WG423541
Bromoform	mg/kg	0.0614	0.0596	123.	64-139	2.96	20	WG423541
Bromomethane	mg/kg	0.0807	0.0799	161.	41-175	1.00	20	WG423541
Carbon disulfide	mg/kg	0.0471	0.0412	94.0	36-161	13.5	20	WG423541
Carbon tetrachloride	mg/kg	0.0517	0.0561	103.	60-140	8.09	20	WG423541
Chlorobenzene	mg/kg	0.0553	0.0509	111.	75-125	8.21	20	WG423541
Chlorodibromomethane	mg/kg	0.0600	0.0564	120.	72-137	6.25	20	WG423541
Chloroethane	mg/kg	0.0560	0.0557	112.	44-159	0.699	20	WG423541
Chloroform	mg/kg	0.0529	0.0522	106.	63-123	1.27	20	WG423541
Chloromethane	mg/kg	0.0540	0.0530	108.	42-149	1.81	20	WG423541
cis-1,2-Dichloroethene	mg/kg	0.0558	0.0552	112.	71-129	1.05	20	WG423541
cis-1,3-Dichloropropene	mg/kg	0.0559	0.0529	112.	73-132	5.58	20	WG423541
Dichlorodifluoromethane	mg/kg	0.0619	0.0638	124.	26-186	3.12	22	WG423541
Ethylbenzene	mg/kg	0.0596	0.0541	119.	74-128	9.68	20	WG423541
Isopropylbenzene	mg/kg	0.0616	0.0571	123.	73-130	7.51	20	WG423541
Methyl tert-butyl ether	mg/kg	0.0511	0.0530	102.	44-148	3.59	20	WG423541

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Quality Assurance Report
Level II

June 25, 2009

L404242

Analyte	Units	Laboratory Control		Sample Duplicate	Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
Methylene Chloride	mg/kg	0.0537	0.0528	107.	57-129	1.71	20	WG423541
Styrene	mg/kg	0.0613	0.0575	123.	76-133	6.42	20	WG423541
Tetrachloroethene	mg/kg	0.0560	0.0516	112.	65-135	8.17	20	WG423541
Toluene	mg/kg	0.0529	0.0500	106.	70-120	5.64	20	WG423541
trans-1,2-Dichloroethene	mg/kg	0.0558	0.0548	112.	61-133	1.81	20	WG423541
trans-1,3-Dichloropropene	mg/kg	0.0557	0.0548	111.	70-135	1.58	20	WG423541
Trichloroethene	mg/kg	0.0562	0.0551	112.	71-126	1.96	20	WG423541
Trichlorofluoromethane	mg/kg	0.0592	0.0594	118.	52-147	0.297	20	WG423541
Vinyl chloride	mg/kg	0.0520	0.0508	104.	50-151	2.20	20	WG423541
4-Bromofluorobenzene				114.5	59-140			WG423541
Dibromofluoromethane				107.2	63-139			WG423541
Toluene-d8				101.0	84-116			WG423541
1,1,1-Trichloroethane	mg/kg	0.0413	0.0414	83.0	62-135	0.194	20	WG423576
1,1,2,2-Tetrachloroethane	mg/kg	0.0495	0.0490	99.0	74-129	1.03	20	WG423576
1,1,2-Trichloroethane	mg/kg	0.0464	0.0460	93.0	77-124	0.887	20	WG423576
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0395	0.0395	79.0	49-155	0.144	20	WG423576
1,1-Dichloroethane	mg/kg	0.0451	0.0446	90.0	61-134	1.19	20	WG423576
1,1-Dichloroethene	mg/kg	0.0376	0.0375	75.0	53-136	0.402	20	WG423576
1,2,3-Trichlorobenzene	mg/kg	0.0516	0.0517	103.	62-146	0.278	20	WG423576
1,2,4-Trichlorobenzene	mg/kg	0.0528	0.0541	106.	61-148	2.42	20	WG423576
1,2-Dibromo-3-Chloropropane	mg/kg	0.0497	0.0487	99.0	61-134	1.96	21	WG423576
1,2-Dibromoethane	mg/kg	0.0494	0.0473	99.0	76-127	4.32	20	WG423576
1,2-Dichlorobenzene	mg/kg	0.0473	0.0479	95.0	77-123	1.10	20	WG423576
1,2-Dichloroethane	mg/kg	0.0416	0.0421	83.0	58-141	1.08	20	WG423576
1,2-Dichloropropane	mg/kg	0.0457	0.0476	91.0	71-128	4.11	20	WG423576
1,3-Dichlorobenzene	mg/kg	0.0510	0.0501	102.	71-132	1.79	20	WG423576
1,4-Dichlorobenzene	mg/kg	0.0462	0.0464	92.0	72-123	0.586	20	WG423576
2-Butanone (MEK)	mg/kg	0.228	0.229	91.0	51-131	0.334	25	WG423576
2-Hexanone	mg/kg	0.258	0.250	103.	62-145	3.30	23	WG423576
4-Methyl-2-pentanone (MIBK)	mg/kg	0.247	0.244	99.0	61-143	1.34	23	WG423576
Acetone	mg/kg	0.217	0.216	87.0	44-140	0.169	25	WG423576
Benzene	mg/kg	0.0429	0.0429	86.0	65-128	0.0430	20	WG423576
Bromochloromethane	mg/kg	0.0481	0.0478	96.0	73-130	0.629	20	WG423576
Bromodichloromethane	mg/kg	0.0413	0.0415	83.0	66-126	0.551	20	WG423576
Bromoform	mg/kg	0.0496	0.0488	99.0	64-139	1.52	20	WG423576
Bromomethane	mg/kg	0.0344	0.0349	69.0	41-175	1.54	20	WG423576
Carbon disulfide	mg/kg	0.0311	0.0310	62.0	36-161	0.134	20	WG423576
Carbon tetrachloride	mg/kg	0.0375	0.0367	75.0	60-140	2.22	20	WG423576
Chlorobenzene	mg/kg	0.0467	0.0450	93.0	75-125	3.64	20	WG423576
Chlorodibromomethane	mg/kg	0.0453	0.0434	91.0	72-137	4.30	20	WG423576
Chloroethane	mg/kg	0.0369	0.0365	74.0	44-159	1.20	20	WG423576
Chloroform	mg/kg	0.0459	0.0457	92.0	63-123	0.343	20	WG423576
Chloromethane	mg/kg	0.0357	0.0356	71.0	42-149	0.187	20	WG423576
cis-1,2-Dichloroethene	mg/kg	0.0440	0.0443	88.0	71-129	0.816	20	WG423576
cis-1,3-Dichloropropene	mg/kg	0.0468	0.0476	94.0	73-132	1.71	20	WG423576
Dichlorodifluoromethane	mg/kg	0.0312	0.0310	62.0	26-186	0.678	22	WG423576
Ethylbenzene	mg/kg	0.0471	0.0453	94.0	74-128	4.08	20	WG423576
Isopropylbenzene	mg/kg	0.0467	0.0458	93.0	73-130	1.91	20	WG423576
Methyl tert-butyl ether	mg/kg	0.0420	0.0421	84.0	44-148	0.359	20	WG423576
Methylene Chloride	mg/kg	0.0405	0.0394	81.0	57-129	2.71	20	WG423576
Styrene	mg/kg	0.0490	0.0486	98.0	76-133	0.790	20	WG423576
Tetrachloroethene	mg/kg	0.0439	0.0419	88.0	65-135	4.72	20	WG423576
Toluene	mg/kg	0.0434	0.0441	87.0	70-120	1.67	20	WG423576
trans-1,2-Dichloroethene	mg/kg	0.0393	0.0400	79.0	61-133	1.75	20	WG423576
trans-1,3-Dichloropropene	mg/kg	0.0453	0.0453	91.0	70-135	0.0508	20	WG423576
Trichloroethene	mg/kg	0.0452	0.0448	90.0	71-126	0.719	20	WG423576
Trichlorofluoromethane	mg/kg	0.0355	0.0352	71.0	52-147	0.753	20	WG423576

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Analyte	Units	Laboratory Control		Sample Duplicate		Limit	RPD	Limit	Batch
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Vinyl chloride	mg/kg	0.0394	0.0385	79.0		50-151	2.20	20	WG423576
4-Bromofluorobenzene				99.21		59-140			WG423576
Dibromofluoromethane				89.56		63-139			WG423576
Toluene-d8				100.8		84-116			WG423576
Pentachlorophenol	ppm	0.239	0.261	72.0		37-118	8.65	28	WG423526
2,4,6-Tribromophenol				70.50		25-137			WG423526
2-Fluorobiphenyl				65.47		30-120			WG423526
2-Fluorophenol				76.25		26-130			WG423526
Nitrobenzene-d5				70.18		18-119			WG423526
Phenol-d5				73.17		37-141			WG423526
p-Terphenyl-d14				79.39		23-143			WG423526
1,2,4,5-Tetrachlorobenzene	ppm	0.00648	0.00779	65.0		39-116	18.3	33	WG423529
2,4,5-Trichlorophenol	ppm	0.00602	0.00729	60.0		48-120	19.2	29	WG423529
2,4,6-Trichlorophenol	ppm	0.00526	0.00689	53.0		49-118	26.7	28	WG423529
2,4-Dichlorophenol	ppm	0.00622	0.00737	62.0		46-115	17.1	28	WG423529
2,4-Dimethylphenol	ppm	0.00995	0.0113	99.0		40-124	12.5	36	WG423529
2,4-Dinitrophenol	ppm	0.00376	0.00548	38.0		10-125	37.3	50	WG423529
2,4-Dinitrotoluene	ppm	0.00706	0.00828	71.0		56-128	15.9	24	WG423529
2,6-Dinitrotoluene	ppm	0.00684	0.00802	68.0		56-121	15.9	23	WG423529
2-Chloronaphthalene	ppm	0.00577	0.00726	58.0		44-110	22.8	30	WG423529
2-Chlorophenol	ppm	0.00514	0.00649	51.0		38-114	23.2	36	WG423529
2-Methylnaphthalene	ppm	0.00593	0.00755	59.0		28-122	24.1	36	WG423529
2-Methylphenol	ppm	0.00563	0.00594	56.0		42-99	5.44	26	WG423529
2-Nitroaniline	ppm	0.00698	0.00751	70.0		55-124	7.31	22	WG423529
2-Nitrophenol	ppm	0.00625	0.00769	62.0		35-118	20.7	35	WG423529
3&4-methyl phenol	ppm	0.00544	0.00609	54.0		36-102	11.2	31	WG423529
3,3-Dichlorobenzidine	ppm	0.00769	0.00886	77.0		46-145	14.0	31	WG423529
3-Nitroaniline	ppm	0.00692	0.00817	69.0		39-141	16.6	32	WG423529
4,6-Dinitro-2-methylphenol	ppm	0.00396	0.00593	40.0		24-119	39.7	50	WG423529
4-Bromophenyl-phenylether	ppm	0.00621	0.00653	62.0		45-105	4.97	26	WG423529
4-Chloro-3-methylphenol	ppm	0.00606	0.00660	61.0		47-116	8.45	22	WG423529
4-Chloroaniline	ppm	0.00694	0.00775	69.0		21-151	11.1	36	WG423529
4-Chlorophenyl-phenylether	ppm	0.00652	0.00762	65.0		49-116	15.6	26	WG423529
4-Nitroaniline	ppm	0.00786	0.00938	79.0		43-144	17.7	34	WG423529
4-Nitrophenol	ppm	0.00191	0.00254	19.0		10-66	28.3	37	WG423529
Acenaphthene	ppm	0.00647	0.00776	65.0		48-110	18.2	26	WG423529
Acenaphthylene	ppm	0.00681	0.00790	68.0		48-113	14.7	28	WG423529
Acetophenone	ppm	0.00569	0.00705	57.0		35-98	21.5	38	WG423529
Anthracene	ppm	0.00758	0.00862	76.0		55-127	12.8	24	WG423529
Atrazine	ppm	0.00812	0.00961	81.0		43-159	16.7	26	WG423529
Benzaldehyde	ppm	0.00206	0.00273	21.0		1-78	27.8	49	WG423529
Benzo(a)anthracene	ppm	0.00793	0.00839	79.0		57-115	5.61	20	WG423529
Benzo(a)pyrene	ppm	0.00819	0.00851	82.0		63-125	3.78	22	WG423529
Benzo(b)fluoranthene	ppm	0.00788	0.00858	79.0		50-123	8.52	32	WG423529
Benzo(g,h,i)perylene	ppm	0.00775	0.00867	78.0		39-143	11.2	31	WG423529
Benzo(k)fluoranthene	ppm	0.00805	0.00805	80.0		45-126	0.0502	37	WG423529
Benzylbutyl phthalate	ppm	0.00610	0.00478	61.0		22-154	24.2	29	WG423529
Biphenyl	ppm	0.00581	0.00707	58.0		45-111	19.6	30	WG423529
Bis(2-chlorethoxy)methane	ppm	0.00596	0.00763	60.0		42-116	24.6	38	WG423529
Bis(2-chloroethyl)ether	ppm	0.00504	0.00623	50.0		26-115	21.0	50	WG423529
Bis(2-chloroisopropyl)ether	ppm	0.00551	0.00705	55.0		32-115	24.5	47	WG423529
Bis(2-ethylhexyl)phthalate	ppm	0.00870	0.00913	87.0		47-143	4.85	24	WG423529
Caprolactam	ppm	0.00214	0.00205	21.0		11-33	4.37	37	WG423529
Carbazole	ppm	0.00735	0.00801	73.0		49-133	8.67	29	WG423529
Chrysene	ppm	0.00824	0.00891	82.0		58-113	7.81	21	WG423529

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Di-n-butyl phthalate	ppm	0.00708	0.00686	71.0		51-131	3.15	22	WG423529
Di-n-octyl phthalate	ppm	0.00812	0.00841	81.0		51-138	3.43	22	WG423529
Dibenz(a,h)anthracene	ppm	0.00758	0.00833	76.0		39-144	9.52	30	WG423529
Dibenzofuran	ppm	0.00663	0.00766	66.0		50-121	14.4	26	WG423529
Diethyl phthalate	ppm	0.00604	0.00513	60.0		36-128	16.2	27	WG423529
Dimethyl phthalate	ppm	0.00404	0.00254	40.0		10-135	45.4*	33	WG423529
Fluoranthene	ppm	0.00742	0.00850	74.0		53-119	13.5	28	WG423529
Fluorene	ppm	0.00714	0.00844	71.0		49-116	16.7	25	WG423529
Hexachloro-1,3-butadiene	ppm	0.00529	0.00735	53.0		21-116	32.6	50	WG423529
Hexachlorobenzene	ppm	0.00686	0.00728	69.0		51-121	5.88	23	WG423529
Hexachlorocyclopentadiene	ppm	0.00526	0.00678	53.0		4-126	25.3	50	WG423529
Hexachloroethane	ppm	0.00464	0.00584	46.0		15-109	22.8	50	WG423529
Indeno(1,2,3-cd)pyrene	ppm	0.00745	0.00841	75.0		40-143	12.1	30	WG423529
Isophorone	ppm	0.00640	0.00756	64.0		48-126	16.6	31	WG423529
n-Nitrosodi-n-propylamine	ppm	0.00597	0.00704	60.0		47-122	16.5	33	WG423529
n-Nitrosodiphenylamine	ppm	0.00682	0.00732	68.0		59-143	7.08	23	WG423529
Naphthalene	ppm	0.00554	0.00696	55.0		29-103	22.7	45	WG423529
Nitrobenzene	ppm	0.00554	0.00705	55.0		31-105	24.0	43	WG423529
Pentachlorophenol	ppm	0.00454	0.00678	45.0		20-122	39.5	50	WG423529
Phenanthrene	ppm	0.00713	0.00808	71.0		54-112	12.5	22	WG423529
Phenol	ppm	0.00260	0.00294	26.0		17-52	12.1	33	WG423529
Pyrene	ppm	0.00762	0.00837	76.0		46-130	9.45	28	WG423529
2,4,6-Tribromophenol				55.38		10-148			WG423529
2-Fluorobiphenyl				55.73		26-122			WG423529
2-Fluorophenol				29.49		10-87			WG423529
Nitrobenzene-d5				51.08		12-120			WG423529
Phenol-d5				20.56		10-67			WG423529
p-Terphenyl-d14				78.07		34-149			WG423529
1-Methylnaphthalene	ppm	0.000796	0.000843	80.0		30-123	5.77	32	WG423352
2-Chloronaphthalene	ppm	0.000811	0.000859	81.0		34-120	5.67	30	WG423352
2-Methylnaphthalene	ppm	0.000795	0.000829	79.0		29-116	4.16	31	WG423352
Acenaphthene	ppm	0.000835	0.000901	83.0		40-113	7.64	25	WG423352
Acenaphthylene	ppm	0.000846	0.000937	85.0		36-115	10.2	25	WG423352
Anthracene	ppm	0.000874	0.000936	87.0		45-118	6.86	26	WG423352
Benzo(a)anthracene	ppm	0.000853	0.000904	85.0		36-129	5.86	26	WG423352
Benzo(a)pyrene	ppm	0.000902	0.000957	90.0		44-124	5.91	21	WG423352
Benzo(b)fluoranthene	ppm	0.000831	0.000915	83.0		43-126	9.65	38	WG423352
Benzo(g,h,i)perylene	ppm	0.000924	0.000997	92.0		39-128	7.61	20	WG423352
Benzo(k)fluoranthene	ppm	0.000982	0.00100	98.0		44-127	2.10	39	WG423352
Chrysene	ppm	0.000835	0.000867	84.0		36-137	3.68	22	WG423352
Dibenz(a,h)anthracene	ppm	0.000917	0.000985	92.0		39-129	7.17	20	WG423352
Fluoranthene	ppm	0.000866	0.000922	87.0		45-123	6.26	25	WG423352
Fluorene	ppm	0.000883	0.000938	88.0		41-118	6.06	26	WG423352
Indeno(1,2,3-cd)pyrene	ppm	0.000933	0.00100	93.0		39-129	6.88	20	WG423352
Naphthalene	ppm	0.000764	0.000815	76.0		26-111	6.42	32	WG423352
Phenanthrene	ppm	0.000876	0.000945	88.0		41-116	7.58	25	WG423352
Pyrene	ppm	0.000830	0.000872	83.0		32-136	4.92	22	WG423352
2-Fluorobiphenyl				78.40		26-122			WG423352
Nitrobenzene-d5				74.08		12-120			WG423352
p-Terphenyl-d14				105.7		34-149			WG423352
1,1,1-Trichloroethane	mg/l	0.0241	0.0236	97.0		67-137	2.43	20	WG423629
1,1,2,2-Tetrachloroethane	mg/l	0.0223	0.0184	89.0		72-128	19.2	20	WG423629
1,1,2-Trichloroethane	mg/l	0.0233	0.0199	93.0		79-123	15.8	20	WG423629
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	0.0213	0.0206	85.0		51-149	3.26	20	WG423629
1,1-Dichloroethane	mg/l	0.0244	0.0238	98.0		67-133	2.28	20	WG423629

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Analyte	Units	Laboratory Control Sample Duplicate			Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
1,1-Dichloroethene	mg/l	0.0235	0.0241	94.0	60-130	2.69	20	WG423629
1,2,3-Trichlorobenzene	mg/l	0.0256	0.0207	102.	63-138	21.1*	20	WG423629
1,2,4-Trichlorobenzene	mg/l	0.0255	0.0218	102.	65-137	15.6	20	WG423629
1,2-Dibromo-3-Chloropropane	mg/l	0.0204	0.0189	81.0	55-134	7.37	20	WG423629
1,2-Dibromoethane	mg/l	0.0230	0.0187	92.0	75-126	20.6*	20	WG423629
1,2-Dichlorobenzene	mg/l	0.0242	0.0231	97.0	75-122	4.83	20	WG423629
1,2-Dichloroethane	mg/l	0.0242	0.0204	97.0	63-137	16.8	20	WG423629
1,2-Dichloropropane	mg/l	0.0239	0.0220	96.0	74-122	8.53	20	WG423629
1,3-Dichlorobenzene	mg/l	0.0244	0.0228	98.0	73-131	6.71	20	WG423629
1,4-Dichlorobenzene	mg/l	0.0239	0.0234	96.0	70-121	2.12	20	WG423629
2-Butanone (MEK)	mg/l	0.104	0.0913	83.0	53-132	13.1	20	WG423629
2-Hexanone	mg/l	0.111	0.0916	89.0	56-147	19.4	20	WG423629
4-Methyl-2-pentanone (MIBK)	mg/l	0.118	0.0967	94.0	60-142	19.5	20	WG423629
Acetone	mg/l	0.0996	0.106	80.0	48-134	6.28	20	WG423629
Benzene	mg/l	0.0244	0.0235	97.0	67-126	3.70	20	WG423629
Bromochloromethane	mg/l	0.0240	0.0216	96.0	75-128	10.4	20	WG423629
Bromodichloromethane	mg/l	0.0249	0.0224	100.	68-133	10.6	20	WG423629
Bromoform	mg/l	0.0246	0.0207	98.0	60-139	17.1	20	WG423629
Bromomethane	mg/l	0.0253	0.0246	101.	45-175	2.61	20	WG423629
Carbon disulfide	mg/l	0.0225	0.0242	90.0	41-148	7.43	20	WG423629
Carbon tetrachloride	mg/l	0.0228	0.0234	91.0	64-141	2.44	20	WG423629
Chlorobenzene	mg/l	0.0239	0.0230	96.0	77-125	4.05	20	WG423629
Chlorodibromomethane	mg/l	0.0249	0.0218	99.0	73-138	13.2	20	WG423629
Chloroethane	mg/l	0.0252	0.0247	101.	49-155	1.98	20	WG423629
Chloroform	mg/l	0.0226	0.0216	91.0	66-126	4.69	20	WG423629
Chloromethane	mg/l	0.0249	0.0243	100.	45-152	2.23	20	WG423629
cis-1,2-Dichloroethene	mg/l	0.0241	0.0237	97.0	72-128	1.95	20	WG423629
cis-1,3-Dichloropropene	mg/l	0.0253	0.0215	101.	73-131	16.0	20	WG423629
Dichlorodifluoromethane	mg/l	0.0245	0.0246	98.0	39-189	0.338	24	WG423629
Ethylbenzene	mg/l	0.0241	0.0240	96.0	76-129	0.179	20	WG423629
Isopropylbenzene	mg/l	0.0250	0.0243	100.	73-132	2.82	20	WG423629
Methyl tert-butyl ether	mg/l	0.0241	0.0211	96.0	51-142	13.4	20	WG423629
Methylene Chloride	mg/l	0.0241	0.0228	96.0	64-125	5.49	20	WG423629
Styrene	mg/l	0.0246	0.0229	98.0	78-130	7.14	20	WG423629
Tetrachloroethene	mg/l	0.0242	0.0243	97.0	67-135	0.713	20	WG423629
Toluene	mg/l	0.0240	0.0228	96.0	72-122	5.50	20	WG423629
trans-1,2-Dichloroethene	mg/l	0.0237	0.0241	95.0	67-129	1.63	20	WG423629
trans-1,3-Dichloropropene	mg/l	0.0247	0.0196	99.0	66-137	23.1*	20	WG423629
Trichloroethene	mg/l	0.0241	0.0237	97.0	74-126	1.69	20	WG423629
Trichlorofluoromethane	mg/l	0.0251	0.0244	101.	54-156	3.08	20	WG423629
Vinyl chloride	mg/l	0.0239	0.0239	96.0	55-153	0.189	20	WG423629
4-Bromofluorobenzene				98.20	75-128			WG423629
Dibromofluoromethane				103.1	79-125			WG423629
Toluene-d8				100.4	87-114			WG423629
1-Methylnaphthalene	ppm	0.0208	0.0221	63.0	41-110	6.12	24	WG423537
2-Chloronaphthalene	ppm	0.0216	0.0215	65.0	43-109	0.423	21	WG423537
2-Methylnaphthalene	ppm	0.0202	0.0204	61.0	38-104	1.05	24	WG423537
Acenaphthene	ppm	0.0224	0.0223	68.0	48-103	0.741	20	WG423537
Acenaphthylene	ppm	0.0231	0.0223	70.0	43-106	3.44	20	WG423537
Anthracene	ppm	0.0230	0.0242	70.0	51-110	5.11	22	WG423537
Benzo(a)anthracene	ppm	0.0228	0.0240	69.0	38-126	5.34	20	WG423537
Benzo(a)pyrene	ppm	0.0242	0.0245	73.0	47-118	1.31	20	WG423537
Benzo(b)fluoranthene	ppm	0.0219	0.0250	66.0	47-118	13.4	29	WG423537
Benzo(g,h,i)perylene	ppm	0.0237	0.0240	72.0	40-125	1.47	20	WG423537
Benzo(k)fluoranthene	ppm	0.0277	0.0249	84.0	45-121	10.7	31	WG423537
Chrysene	ppm	0.0223	0.0222	68.0	35-135	0.691	20	WG423537
Dibenz(a,h)anthracene	ppm	0.0239	0.0240	72.0	41-124	0.569	20	WG423537

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Level II**

June 25, 2009

L404242

Analyte	Units	Laboratory Control Sample Duplicate			Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
Fluoranthene	ppm	0.0235	0.0237	71.0	50-114	1.08	20	WG423537
Fluorene	ppm	0.0236	0.0233	72.0	49-109	1.46	19	WG423537
Indeno(1,2,3-cd)pyrene	ppm	0.0241	0.0244	73.0	40-126	1.16	20	WG423537
Naphthalene	ppm	0.0199	0.0198	60.0	36-100	0.359	24	WG423537
Phenanthrene	ppm	0.0229	0.0231	70.0	46-108	0.552	21	WG423537
Pyrene	ppm	0.0223	0.0227	68.0	30-136	1.81	20	WG423537
2-Fluorobiphenyl				59.39	30-120			WG423537
Nitrobenzene-d5				57.88	18-119			WG423537
p-Terphenyl-d14				65.45	23-143			WG423537
1-Methylnaphthalene	ppm	0.000755	0.000946	76.0	30-123	22.4	32	WG423939
2-Chloronaphthalene	ppm	0.000751	0.000933	75.0	34-120	21.6	30	WG423939
2-Methylnaphthalene	ppm	0.000683	0.000860	68.0	29-116	23.0	31	WG423939
Acenaphthene	ppm	0.000726	0.000948	73.0	40-113	26.6*	25	WG423939
Acenaphthylene	ppm	0.000758	0.000951	76.0	36-115	22.5	25	WG423939
Anthracene	ppm	0.000784	0.000966	78.0	45-118	20.8	26	WG423939
Benzo(a)anthracene	ppm	0.000724	0.000858	72.0	36-129	16.9	26	WG423939
Benzo(a)pyrene	ppm	0.000803	0.00100	80.0	44-124	22.3*	21	WG423939
Benzo(b)fluoranthene	ppm	0.000631	0.000855	63.0	43-126	30.3	38	WG423939
Benzo(g,h,i)perylene	ppm	0.000767	0.000978	77.0	39-128	24.2*	20	WG423939
Benzo(k)fluoranthene	ppm	0.000786	0.00106	79.0	44-127	29.7	39	WG423939
Chrysene	ppm	0.000691	0.000929	69.0	36-137	29.3*	22	WG423939
Dibenz(a,h)anthracene	ppm	0.000784	0.000996	78.0	39-129	23.8*	20	WG423939
Fluoranthene	ppm	0.000799	0.000969	80.0	45-123	19.2	25	WG423939
Fluorene	ppm	0.000762	0.000960	76.0	41-118	23.0	26	WG423939
Indeno(1,2,3-cd)pyrene	ppm	0.000786	0.000994	79.0	39-129	23.4*	20	WG423939
Naphthalene	ppm	0.000701	0.000880	70.0	26-111	22.7	32	WG423939
Phenanthrene	ppm	0.000683	0.000876	68.0	41-116	24.7	25	WG423939
Pyrene	ppm	0.000665	0.000863	67.0	32-136	25.9*	22	WG423939
2-Fluorobiphenyl				70.02	26-122			WG423939
Nitrobenzene-d5				70.70	12-120			WG423939
p-Terphenyl-d14				74.71	34-149			WG423939
Diesel Range Organics (DRO)	mg/kg	25.7	25.5	86.0	60-140	0.914	20	WG424943
Residual Range Organics (RRO)	mg/kg	24.8	24.9	83*	-	0.108*	0	WG424943
o-Terphenyl				84.27	50-150			WG424943
1,4-Dioxane	mg/l	0.00	0.00	0*	70-130	0.00	25	WG427650
4-Bromofluorobenzene				97.12	75-128			WG427650
Dibromofluoromethane				96.59	79-125			WG427650
Toluene-d8				99.16	87-114			WG427650
1,4-Dioxane	mg/l	0.0174	0.0228	35*	70-130	26.7*	25	WG427509
4-Bromofluorobenzene				98.77	75-128			WG427509
Dibromofluoromethane				102.7	79-125			WG427509
Toluene-d8				106.8	87-114			WG427509

Analyte	Units	Matrix Spike			% Rec	Limit	Ref Samp	Batch
		MS Res	Ref Res	TV				
Mercury	mg/kg	0.250	0.0130	.25	94.8	70-130	L403630-03	WG423494
1,1,1-Trichloroethane	mg/l	0.0454	0.00	.05	90.8	31-161	L403729-01	WG423451
1,1,2,2-Tetrachloroethane	mg/l	0.0520	0.00	.05	104.	49-149	L403729-01	WG423451

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Analyte	Units	MS Res	Matrix Spike			% Rec	Limit	Ref Samp	Batch
			Ref Res	TV					
1,1,2-Trichloroethane	mg/l	0.0539	0.00	.05	108.	46-145	L403729-01	WG423451	
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	0.0510	0.00	.05	102.	14-168	L403729-01	WG423451	
1,1-Dichloroethane	mg/l	0.0498	0.00	.05	99.5	30-159	L403729-01	WG423451	
1,1-Dichloroethene	mg/l	0.0485	0.00	.05	97.0	10-162	L403729-01	WG423451	
1,2,3-Trichlorobenzene	mg/l	0.0471	0.00	.05	94.2	32-143	L403729-01	WG423451	
1,2,4-Trichlorobenzene	mg/l	0.0443	0.00	.05	88.7	27-142	L403729-01	WG423451	
1,2-Dibromo-3-Chloropropane	mg/l	0.0584	0.00	.05	117.	37-148	L403729-01	WG423451	
1,2-Dibromoethane	mg/l	0.0518	0.00	.05	104.	41-149	L403729-01	WG423451	
1,2-Dichlorobenzene	mg/l	0.0494	0.00	.05	98.9	40-139	L403729-01	WG423451	
1,2-Dichloroethane	mg/l	0.0490	0.00	.05	97.9	29-167	L403729-01	WG423451	
1,2-Dichloropropane	mg/l	0.0528	0.00	.05	106.	39-148	L403729-01	WG423451	
1,3-Dichlorobenzene	mg/l	0.0466	0.00	.05	93.3	32-148	L403729-01	WG423451	
1,4-Dichlorobenzene	mg/l	0.0449	0.00	.05	89.8	32-136	L403729-01	WG423451	
2-Butanone (MEK)	mg/l	0.244	0.00	.25	97.4	32-151	L403729-01	WG423451	
2-Hexanone	mg/l	0.276	0.00	.25	110.	41-155	L403729-01	WG423451	
4-Methyl-2-pentanone (MIBK)	mg/l	0.271	0.00	.25	108.	40-160	L403729-01	WG423451	
Acetone	mg/l	0.281	0.00	.25	112.	25-157	L403729-01	WG423451	
Benzene	mg/l	0.0486	0.00	.05	97.2	16-158	L403729-01	WG423451	
Bromochloromethane	mg/l	0.0542	0.00	.05	108.	36-154	L403729-01	WG423451	
Bromodichloromethane	mg/l	0.0514	0.00	.05	103.	45-147	L403729-01	WG423451	
Bromoform	mg/l	0.0565	0.00	.05	113.	38-152	L403729-01	WG423451	
Bromomethane	mg/l	0.0461	0.00	.05	92.1	0-191	L403729-01	WG423451	
Carbon disulfide	mg/l	0.0442	0.00	.05	88.5	10-166	L403729-01	WG423451	
Carbon tetrachloride	mg/l	0.0441	0.00	.05	88.1	22-168	L403729-01	WG423451	
Chlorobenzene	mg/l	0.0492	0.00	.05	98.3	33-148	L403729-01	WG423451	
Chlorodibromomethane	mg/l	0.0538	0.00	.05	108.	48-151	L403729-01	WG423451	
Chloroethane	mg/l	0.0506	0.00	.05	101.	4-176	L403729-01	WG423451	
Chloroform	mg/l	0.0480	0.00	.05	96.0	37-147	L403729-01	WG423451	
Chloromethane	mg/l	0.0451	0.00	.05	90.3	10-174	L403729-01	WG423451	
cis-1,2-Dichloroethene	mg/l	0.0515	0.00057	.05	102.	29-156	L403729-01	WG423451	
cis-1,3-Dichloropropene	mg/l	0.0489	0.00	.05	97.8	35-148	L403729-01	WG423451	
Dichlorodifluoromethane	mg/l	0.0582	0.00	.05	116.	0-200	L403729-01	WG423451	
Ethylbenzene	mg/l	0.0465	0.00	.05	93.1	29-150	L403729-01	WG423451	
Isopropylbenzene	mg/l	0.0475	0.00	.05	95.0	35-147	L403729-01	WG423451	
Methyl tert-butyl ether	mg/l	0.0523	0.00	.05	105.	24-167	L403729-01	WG423451	
Methylene Chloride	mg/l	0.0488	0.00	.05	97.5	23-151	L403729-01	WG423451	
Styrene	mg/l	0.0480	0.00	.05	96.1	38-149	L403729-01	WG423451	
Tetrachloroethene	mg/l	0.0447	0.00	.05	89.4	13-157	L403729-01	WG423451	
Toluene	mg/l	0.0451	0.00	.05	90.3	22-152	L403729-01	WG423451	
trans-1,2-Dichloroethene	mg/l	0.0493	0.00	.05	98.6	11-160	L403729-01	WG423451	
trans-1,3-Dichloropropene	mg/l	0.0481	0.00	.05	96.1	33-153	L403729-01	WG423451	
Trichloroethene	mg/l	0.0483	0.00	.05	96.5	18-163	L403729-01	WG423451	
Trichlorofluoromethane	mg/l	0.0466	0.00	.05	93.2	10-177	L403729-01	WG423451	
Vinyl chloride	mg/l	0.0470	0.00	.05	94.0	0-179	L403729-01	WG423451	
4-Bromofluorobenzene					98.65	75-128		WG423451	
Dibromofluoromethane					97.35	79-125		WG423451	
Toluene-d8					98.44	87-114		WG423451	
1,1,1-Trichloroethane	mg/kg	0.226	0.00	.05	90.3	23-147	L404220-01	WG423541	
1,1,2,2-Tetrachloroethane	mg/kg	0.204	0.00	.05	81.6	18-150	L404220-01	WG423541	
1,1,2-Trichloroethane	mg/kg	0.199	0.00	.05	79.7	35-140	L404220-01	WG423541	
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.182	0.00	.05	72.7	10-145	L404220-01	WG423541	
1,1-Dichloroethane	mg/kg	0.195	0.00	.05	77.9	24-148	L404220-01	WG423541	
1,1-Dichloroethene	mg/kg	0.167	0.00	.05	66.8	10-149	L404220-01	WG423541	
1,2,3-Trichlorobenzene	mg/kg	0.189	0.00	.05	75.8	10-129	L404220-01	WG423541	
1,2,4-Trichlorobenzene	mg/kg	0.196	0.00038	.05	78.4	10-119	L404220-01	WG423541	
1,2-Dibromo-3-Chloropropane	mg/kg	0.219	0.00	.05	87.5	19-145	L404220-01	WG423541	
1,2-Dibromoethane	mg/kg	0.216	0.00	.05	86.4	24-145	L404220-01	WG423541	

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			Ref Res	TV					
1,2-Dichlorobenzene	mg/kg	0.193	0.00	.05	77.3	12-130	L404220-01	WG423541	
1,2-Dichloroethane	mg/kg	0.214	0.00	.05	85.5	21-155	L404220-01	WG423541	
1,2-Dichloropropane	mg/kg	0.191	0.00	.05	76.5	28-144	L404220-01	WG423541	
1,3-Dichlorobenzene	mg/kg	0.201	0.00	.05	80.6	10-129	L404220-01	WG423541	
1,4-Dichlorobenzene	mg/kg	0.182	0.00	.05	72.8	10-121	L404220-01	WG423541	
2-Butanone (MEK)	mg/kg	1.12	0.00	.25	89.9	21-143	L404220-01	WG423541	
2-Hexanone	mg/kg	1.10	0.00	.25	87.8	22-151	L404220-01	WG423541	
4-Methyl-2-pentanone (MIBK)	mg/kg	1.11	0.00	.25	88.9	31-151	L404220-01	WG423541	
Acetone	mg/kg	1.09	0.0270	.25	84.7	13-158	L404220-01	WG423541	
Benzene	mg/kg	0.183	0.00	.05	73.0	16-143	L404220-01	WG423541	
Bromochloromethane	mg/kg	0.209	0.00	.05	83.4	25-152	L404220-01	WG423541	
Bromodichloromethane	mg/kg	0.218	0.00	.05	87.0	27-139	L404220-01	WG423541	
Bromoform	mg/kg	0.237	0.00	.05	94.8	21-144	L404220-01	WG423541	
Bromomethane	mg/kg	0.215	0.00	.05	86.0	0-180	L404220-01	WG423541	
Carbon disulfide	mg/kg	0.147	0.00	.05	58.7	10-156	L404220-01	WG423541	
Carbon tetrachloride	mg/kg	0.214	0.00069	.05	85.4	12-149	L404220-01	WG423541	
Chlorobenzene	mg/kg	0.199	0.00	.05	79.7	17-134	L404220-01	WG423541	
Chlorodibromomethane	mg/kg	0.225	0.00	.05	90.1	28-147	L404220-01	WG423541	
Chloroethane	mg/kg	0.179	0.00	.05	71.4	0-172	L404220-01	WG423541	
Chloroform	mg/kg	0.200	0.00075	.05	79.7	28-138	L404220-01	WG423541	
Chloromethane	mg/kg	0.161	0.00	.05	64.4	10-158	L404220-01	WG423541	
cis-1,2-Dichloroethene	mg/kg	0.202	0.00	.05	80.6	21-147	L404220-01	WG423541	
cis-1,3-Dichloropropene	mg/kg	0.207	0.00	.05	82.7	17-145	L404220-01	WG423541	
Dichlorodifluoromethane	mg/kg	0.208	0.00	.05	83.4	0-192	L404220-01	WG423541	
Ethylbenzene	mg/kg	0.210	0.00	.05	83.9	12-137	L404220-01	WG423541	
Isopropylbenzene	mg/kg	0.221	0.00	.05	88.5	14-134	L404220-01	WG423541	
Methyl tert-butyl ether	mg/kg	0.208	0.00	.05	83.2	21-157	L404220-01	WG423541	
Methylene Chloride	mg/kg	0.191	0.00	.05	76.5	12-149	L404220-01	WG423541	
Styrene	mg/kg	0.222	0.00	.05	88.8	10-140	L404220-01	WG423541	
Tetrachloroethene	mg/kg	0.190	0.00	.05	75.9	10-131	L404220-01	WG423541	
Toluene	mg/kg	0.187	0.00	.05	74.8	12-136	L404220-01	WG423541	
trans-1,2-Dichloroethene	mg/kg	0.187	0.00	.05	74.6	10-143	L404220-01	WG423541	
trans-1,3-Dichloropropene	mg/kg	0.212	0.00442	.05	83.2	16-147	L404220-01	WG423541	
Trichloroethene	mg/kg	0.199	0.00	.05	79.8	10-155	L404220-01	WG423541	
Trichlorofluoromethane	mg/kg	0.202	0.00	.05	80.7	10-154	L404220-01	WG423541	
Vinyl chloride	mg/kg	0.159	0.00	.05	63.6	10-159	L404220-01	WG423541	
4-Bromofluorobenzene					113.4	59-140		WG423541	
Dibromofluoromethane					106.3	63-139		WG423541	
Toluene-d8					101.0	84-116		WG423541	
1,1,1-Trichloroethane	mg/kg	0.174	0.00	.05	69.7	23-147	L404274-01	WG423576	
1,1,2,2-Tetrachloroethane	mg/kg	0.188	0.00	.05	75.3	18-150	L404274-01	WG423576	
1,1,2-Trichloroethane	mg/kg	0.190	0.00	.05	75.9	35-140	L404274-01	WG423576	
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.164	0.00	.05	65.5	10-145	L404274-01	WG423576	
1,1-Dichloroethane	mg/kg	0.189	0.00	.05	75.4	24-148	L404274-01	WG423576	
1,1-Dichloroethene	mg/kg	0.157	0.00	.05	62.8	10-149	L404274-01	WG423576	
1,2,3-Trichlorobenzene	mg/kg	0.205	0.00	.05	82.2	10-129	L404274-01	WG423576	
1,2,4-Trichlorobenzene	mg/kg	0.222	0.00	.05	88.8	10-119	L404274-01	WG423576	
1,2-Dibromo-3-Chloropropane	mg/kg	0.195	0.00	.05	77.8	19-145	L404274-01	WG423576	
1,2-Dibromoethane	mg/kg	0.195	0.00	.05	77.8	24-145	L404274-01	WG423576	
1,2-Dichlorobenzene	mg/kg	0.203	0.00	.05	81.1	12-130	L404274-01	WG423576	
1,2-Dichloroethane	mg/kg	0.172	0.00	.05	68.9	21-155	L404274-01	WG423576	
1,2-Dichloropropane	mg/kg	0.201	0.00	.05	80.6	28-144	L404274-01	WG423576	
1,3-Dichlorobenzene	mg/kg	0.208	0.00	.05	83.0	10-129	L404274-01	WG423576	
1,4-Dichlorobenzene	mg/kg	0.195	0.00	.05	77.9	10-121	L404274-01	WG423576	
2-Butanone (MEK)	mg/kg	0.858	0.00	.25	68.6	21-143	L404274-01	WG423576	
2-Hexanone	mg/kg	0.924	0.00	.25	73.9	22-151	L404274-01	WG423576	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.922	0.00	.25	73.8	31-151	L404274-01	WG423576	

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Est. 1970

SLR International Corp. - West Linn, OR
Chris Kramer
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Quality Assurance Report
Level II

West Linn, OR 97068

June 25, 2009

L404242

Analyte	Units	MS Res	Matrix Spike		% Rec	Limit	Ref Samp	Batch
			Ref Res	TV				
Acetone	mg/kg	0.820	0.0710	.25	59.9	13-158	L404274-01	WG423576
Benzene	mg/kg	0.175	0.00	.05	70.1	16-143	L404274-01	WG423576
Bromochloromethane	mg/kg	0.195	0.00	.05	77.9	25-152	L404274-01	WG423576
Bromodichloromethane	mg/kg	0.171	0.00	.05	68.2	27-139	L404274-01	WG423576
Bromoform	mg/kg	0.197	0.00	.05	79.0	21-144	L404274-01	WG423576
Bromomethane	mg/kg	0.140	0.00	.05	56.0	0-180	L404274-01	WG423576
Carbon disulfide	mg/kg	0.121	0.00	.05	48.3	10-156	L404274-01	WG423576
Carbon tetrachloride	mg/kg	0.175	0.00	.05	69.9	12-149	L404274-01	WG423576
Chlorobenzene	mg/kg	0.192	0.00	.05	76.6	17-134	L404274-01	WG423576
Chlorodibromomethane	mg/kg	0.182	0.00	.05	72.9	28-147	L404274-01	WG423576
Chloroethane	mg/kg	0.156	0.00	.05	62.5	0-172	L404274-01	WG423576
Chloroform	mg/kg	0.193	0.00	.05	77.1	28-138	L404274-01	WG423576
Chloromethane	mg/kg	0.153	0.00	.05	61.1	10-158	L404274-01	WG423576
cis-1,2-Dichloroethene	mg/kg	0.184	0.00	.05	73.6	21-147	L404274-01	WG423576
cis-1,3-Dichloropropene	mg/kg	0.193	0.00	.05	77.3	17-145	L404274-01	WG423576
Dichlorodifluoromethane	mg/kg	0.131	0.00	.05	52.3	0-192	L404274-01	WG423576
Ethylbenzene	mg/kg	0.190	0.00	.05	75.9	12-137	L404274-01	WG423576
Isopropylbenzene	mg/kg	0.193	0.00	.05	77.2	14-134	L404274-01	WG423576
Methyl tert-butyl ether	mg/kg	0.172	0.00	.05	68.7	21-157	L404274-01	WG423576
Methylene Chloride	mg/kg	0.166	0.00	.05	66.3	12-149	L404274-01	WG423576
Styrene	mg/kg	0.200	0.00	.05	79.8	10-140	L404274-01	WG423576
Tetrachloroethene	mg/kg	0.175	0.00	.05	69.8	10-131	L404274-01	WG423576
Toluene	mg/kg	0.180	0.00	.05	72.0	12-136	L404274-01	WG423576
trans-1,2-Dichloroethene	mg/kg	0.163	0.00	.05	65.2	10-143	L404274-01	WG423576
trans-1,3-Dichloropropene	mg/kg	0.187	0.00	.05	74.6	16-147	L404274-01	WG423576
Trichloroethene	mg/kg	0.186	0.00	.05	74.5	10-155	L404274-01	WG423576
Trichlorofluoromethane	mg/kg	0.145	0.00	.05	57.9	10-154	L404274-01	WG423576
Vinyl chloride	mg/kg	0.158	0.00	.05	63.3	10-159	L404274-01	WG423576
4-Bromofluorobenzene					95.82	59-140		WG423576
Dibromofluoromethane					90.56	63-139		WG423576
Toluene-d8					100.5	84-116		WG423576
Diesel (C7-C26)	mg/kg	23.7	0.00	30	79.0	50-150	L404242-05	WG423285
Motor Oil (C16-C40)	mg/kg	30.2	3.80	30	88.0	50-150	L404242-05	WG423285
o-Terphenyl					76.66	50-150		WG423285
Pentachlorophenol	ppm	0.289	0.00	.333	86.8	10-146	L404242-05	WG423526
2,4,6-Tribromophenol					85.13	25-137		WG423526
2-Fluorobiphenyl					72.75	30-120		WG423526
2-Fluorophenol					76.59	26-130		WG423526
Nitrobenzene-d5					70.28	18-119		WG423526
Phenol-d5					72.13	37-141		WG423526
p-Terphenyl-d14					86.42	23-143		WG423526
1,1,1-Trichloroethane	mg/l	0.558	0.00	.025	89.3	31-161	L403957-01	WG423629
1,1,2,2-Tetrachloroethane	mg/l	0.510	0.00	.025	81.6	49-149	L403957-01	WG423629
1,1,2-Trichloroethane	mg/l	0.511	0.00	.025	81.7	46-145	L403957-01	WG423629
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	0.601	0.320	.025	44.9	14-168	L403957-01	WG423629
1,1-Dichloroethane	mg/l	0.563	0.00	.025	90.1	30-159	L403957-01	WG423629
1,1-Dichloroethene	mg/l	0.567	0.0210	.025	87.4	10-162	L403957-01	WG423629
1,2,3-Trichlorobenzene	mg/l	0.529	0.00	.025	84.6	32-143	L403957-01	WG423629
1,2,4-Trichlorobenzene	mg/l	0.547	0.00	.025	87.5	27-142	L403957-01	WG423629
1,2-Dibromo-3-Chloropropane	mg/l	0.489	0.00	.025	78.3	37-148	L403957-01	WG423629
1,2-Dibromoethane	mg/l	0.491	0.00	.025	78.6	41-149	L403957-01	WG423629
1,2-Dichlorobenzene	mg/l	0.580	0.00	.025	92.7	40-139	L403957-01	WG423629
1,2-Dichloroethane	mg/l	0.523	0.00	.025	83.6	29-167	L403957-01	WG423629

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Quality Assurance Report
Level II

West Linn, OR 97068

June 25, 2009

L404242

Analyte	Units	MS Res	Matrix Spike			% Rec	Limit	Ref Samp	Batch
			Ref Res	TV					
1,2-Dichloropropane	mg/l	0.539	0.00	.025	86.3	39-148	L403957-01	WG423629	
1,3-Dichlorobenzene	mg/l	0.574	0.00	.025	91.9	32-148	L403957-01	WG423629	
1,4-Dichlorobenzene	mg/l	0.568	0.00	.025	90.8	32-136	L403957-01	WG423629	
2-Butanone (MEK)	mg/l	2.47	0.00	.125	79.0	32-151	L403957-01	WG423629	
2-Hexanone	mg/l	2.53	0.00	.125	80.9	41-155	L403957-01	WG423629	
4-Methyl-2-pentanone (MIBK)	mg/l	2.62	0.00	.125	84.0	40-160	L403957-01	WG423629	
Acetone	mg/l	2.84	0.00	.125	90.9	25-157	L403957-01	WG423629	
Benzene	mg/l	0.553	0.00	.025	88.4	16-158	L403957-01	WG423629	
Bromochloromethane	mg/l	0.548	0.00	.025	87.6	36-154	L403957-01	WG423629	
Bromodichloromethane	mg/l	0.564	0.00	.025	90.2	45-147	L403957-01	WG423629	
Bromoform	mg/l	0.548	0.00	.025	87.7	38-152	L403957-01	WG423629	
Bromomethane	mg/l	0.613	0.00	.025	98.1	0-191	L403957-01	WG423629	
Carbon disulfide	mg/l	0.541	0.00	.025	86.5	10-166	L403957-01	WG423629	
Carbon tetrachloride	mg/l	0.508	0.00	.025	81.2	22-168	L403957-01	WG423629	
Chlorobenzene	mg/l	0.556	0.00	.025	88.9	33-148	L403957-01	WG423629	
Chlorodibromomethane	mg/l	0.563	0.00	.025	90.1	48-151	L403957-01	WG423629	
Chloroethane	mg/l	0.577	0.00	.025	92.3	4-176	L403957-01	WG423629	
Chloroform	mg/l	0.526	0.00	.025	84.1	37-147	L403957-01	WG423629	
Chloromethane	mg/l	0.582	0.00	.025	93.1	10-174	L403957-01	WG423629	
cis-1,2-Dichloroethene	mg/l	0.766	0.180	.025	93.7	29-156	L403957-01	WG423629	
cis-1,3-Dichloropropene	mg/l	0.535	0.00	.025	85.5	35-148	L403957-01	WG423629	
Dichlorodifluoromethane	mg/l	0.562	0.00	.025	89.9	0-200	L403957-01	WG423629	
Ethylbenzene	mg/l	0.569	0.00	.025	91.1	29-150	L403957-01	WG423629	
Isopropylbenzene	mg/l	0.580	0.00	.025	92.8	35-147	L403957-01	WG423629	
Methyl tert-butyl ether	mg/l	0.560	0.00	.025	89.6	24-167	L403957-01	WG423629	
Methylene Chloride	mg/l	0.575	0.00	.025	92.0	23-151	L403957-01	WG423629	
Styrene	mg/l	0.562	0.00	.025	89.9	38-149	L403957-01	WG423629	
Tetrachloroethene	mg/l	3.09	2.40	.025	110.	13-157	L403957-01	WG423629	
Toluene	mg/l	0.536	0.0140	.025	83.6	22-152	L403957-01	WG423629	
trans-1,2-Dichloroethene	mg/l	0.568	0.00	.025	90.8	11-160	L403957-01	WG423629	
trans-1,3-Dichloropropene	mg/l	0.484	0.00	.025	77.5	33-153	L403957-01	WG423629	
Trichloroethene	mg/l	0.841	0.270	.025	91.3	18-163	L403957-01	WG423629	
Trichlorofluoromethane	mg/l	0.566	0.00	.025	90.6	10-177	L403957-01	WG423629	
Vinyl chloride	mg/l	0.558	0.00	.025	89.2	0-179	L403957-01	WG423629	
4-Bromofluorobenzene					94.44	75-128		WG423629	
Dibromofluoromethane					100.9	79-125		WG423629	
Toluene-d8					99.74	87-114		WG423629	
1-Methylnaphthalene	ppm	0.0226	0.00	.033	68.5	19-131	L404176-05	WG423537	
2-Chloronaphthalene	ppm	0.0239	0.00	.033	72.5	38-117	L404176-05	WG423537	
2-Methylnaphthalene	ppm	0.0244	0.00	.033	73.9	18-125	L404176-05	WG423537	
Acenaphthene	ppm	0.0243	0.00	.033	73.7	31-120	L404176-05	WG423537	
Acenaphthylene	ppm	0.0244	0.00	.033	73.8	34-116	L404176-05	WG423537	
Anthracene	ppm	0.0245	0.00	.033	74.3	32-131	L404176-05	WG423537	
Benzo(a)anthracene	ppm	0.0248	0.00	.033	75.1	32-131	L404176-05	WG423537	
Benzo(a)pyrene	ppm	0.0249	0.00	.033	75.5	28-130	L404176-05	WG423537	
Benzo(b)fluoranthene	ppm	0.0252	0.00	.033	76.4	37-130	L404176-05	WG423537	
Benzo(g,h,i)perylene	ppm	0.0294	0.00	.033	89.0	10-134	L404176-05	WG423537	
Benzo(k)fluoranthene	ppm	0.0272	0.00	.033	82.4	31-129	L404176-05	WG423537	
Chrysene	ppm	0.0218	0.00	.033	66.2	25-137	L404176-05	WG423537	
Dibenz(a,h)anthracene	ppm	0.0280	0.00	.033	84.7	20-134	L404176-05	WG423537	
Fluoranthene	ppm	0.0255	0.00	.033	77.3	27-138	L404176-05	WG423537	
Fluorene	ppm	0.0261	0.00	.033	79.2	26-136	L404176-05	WG423537	
Indeno(1,2,3-cd)pyrene	ppm	0.0283	0.00	.033	85.7	16-135	L404176-05	WG423537	
Naphthalene	ppm	0.0228	0.00	.033	69.1	22-121	L404176-05	WG423537	
Phenanthrene	ppm	0.0249	0.00	.033	75.4	27-133	L404176-05	WG423537	
Pyrene	ppm	0.0239	0.00	.033	72.4	22-133	L404176-05	WG423537	
2-Fluorobiphenyl					63.88	30-120		WG423537	

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**Quality Assurance Report
Level II**

June 25, 2009

L404242

Analyte	Units	MS Res	Matrix Spike			% Rec	Limit	Ref Samp	Batch
			Ref Res	TV					
Nitrobenzene-d5						70.81	18-119		
p-Terphenyl-d14						69.08	23-143		
Arsenic	mg/kg	46.3	0.00	50		92.6	75-125	L404615-03	WG423987
Beryllium	mg/kg	50.1	0.100	50		100.	75-125	L404615-03	WG423987
Cadmium	mg/kg	48.7	0.00	50		97.4	75-125	L404615-03	WG423987
Chromium	mg/kg	59.0	9.10	50		99.8	75-125	L404615-03	WG423987
Copper	mg/kg	50.2	0.0606	50		100.	75-125	L404615-03	WG423987
Lead	mg/kg	50.6	2.80	50		95.6	75-125	L404615-03	WG423987
Nickel	mg/kg	51.5	2.88	50		97.2	75-125	L404615-03	WG423987
Selenium	mg/kg	50.1	4.20	50		91.8	75-125	L404615-03	WG423987
Silver	mg/kg	49.5	0.00	50		99.0	75-125	L404615-03	WG423987
Zinc	mg/kg	85.2	25.8	50		119.	75-125	L404615-03	WG423987
Antimony	mg/kg	12.6	0.00	50		25.2*	75-125	L404615-03	WG423987
Thallium	mg/kg	32.1	0.00	50		64.2*	75-125	L404615-03	WG423987
Mercury	mg/l	0.00314	0.00	.003		105.	70-130	L406775-15	WG426094
Mercury,Dissolved	mg/l	0.00330	0.00	.003		110.	70-130	L406945-16	WG426098
Beryllium	mg/l	1.06	0.00023	1.13		93.8	75-125	L406969-01	WG426333
Cadmium	mg/l	1.11	0.00	1.13		98.2	75-125	L406969-01	WG426333
Chromium	mg/l	1.08	0.00	1.13		95.6	75-125	L406969-01	WG426333
Copper	mg/l	1.07	0.00	1.13		94.7	75-125	L406969-01	WG426333
Lead	mg/l	1.11	0.00	1.13		98.2	75-125	L406969-01	WG426333
Nickel	mg/l	1.08	0.00840	1.13		94.8	75-125	L406969-01	WG426333
Selenium	mg/l	1.03	0.00	1.13		91.2	75-125	L406969-01	WG426333
Silver	mg/l	0.142	0.00130	1.13		12.5*	75-125	L406969-01	WG426333
Zinc	mg/l	1.10	0.0271	1.13		94.9	75-125	L406969-01	WG426333
Antimony	mg/l	0.0638	0.00	.0567		113.	75-125	L406118-02	WG426269
Arsenic	mg/l	0.0570	0.00	.0567		101.	75-125	L406118-02	WG426269
Thallium	mg/l	0.0648	0.00	.0567		114.	75-125	L406118-02	WG426269
Antimony,Dissolved	mg/l	0.0582	0.00	.0567		103.	75-125	L407348-02	WG426484
Arsenic,Dissolved	mg/l	0.0593	0.00330	.0567		98.8	75-125	L407348-02	WG426484
Thallium,Dissolved	mg/l	0.0607	0.00024	.0567		107.	75-125	L407348-02	WG426484
1,4-Dioxane	mg/l	0.0160	0.106	.05		0.00*	0-200	L407952-19	WG427509
4-Bromofluorobenzene						106.6	75-128		WG427509
Dibromofluoromethane						105.6	79-125		WG427509
Toluene-d8						102.7	87-114		WG427509
1,4-Dioxane	mg/l	0.00	0.00	.05		0.00	0-200	L408146-01	WG427650

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref Samp	Batch
			Ref	%Rec					
Mercury	mg/kg	0.239	0.250	90.4	70-130	4.50	20	L403630-03	WG423494
1,1,1-Trichloroethane	mg/l	0.0387	0.0454	77.3	31-161	16.1	23	L403729-01	WG423451
1,1,2,2-Tetrachloroethane	mg/l	0.0454	0.0520	90.7	49-149	13.6	22	L403729-01	WG423451

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Quality Assurance Report
Level II

June 25, 2009

L404242

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit Ref	Samp	Batch
			Ref	%Rec					
1,1,2-Trichloroethane	mg/l	0.0473	0.0539	94.6	46-145	13.0	20	L403729-01	WG423451
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	0.0405	0.0510	81.1	14-168	22.8	24	L403729-01	WG423451
1,1-Dichloroethane	mg/l	0.0405	0.0498	81.0	30-159	20.5	21	L403729-01	WG423451
1,1-Dichloroethene	mg/l	0.0399	0.0485	79.9	10-162	19.4	23	L403729-01	WG423451
1,2,3-Trichlorobenzene	mg/l	0.0406	0.0471	81.3	32-143	14.8	33	L403729-01	WG423451
1,2,4-Trichlorobenzene	mg/l	0.0375	0.0443	75.0	27-142	16.7	30	L403729-01	WG423451
1,2-Dibromo-3-Chloropropane	mg/l	0.0505	0.0584	101.	37-148	14.5	27	L403729-01	WG423451
1,2-Dibromoethane	mg/l	0.0463	0.0518	92.5	41-149	11.3	21	L403729-01	WG423451
1,2-Dichlorobenzene	mg/l	0.0421	0.0494	84.2	40-139	16.0	23	L403729-01	WG423451
1,2-Dichloroethane	mg/l	0.0413	0.0490	82.7	29-167	16.9	21	L403729-01	WG423451
1,2-Dichloropropane	mg/l	0.0443	0.0528	88.6	39-148	17.6	20	L403729-01	WG423451
1,3-Dichlorobenzene	mg/l	0.0424	0.0466	84.8	32-148	9.53	24	L403729-01	WG423451
1,4-Dichlorobenzene	mg/l	0.0390	0.0449	78.1	32-136	14.0	23	L403729-01	WG423451
2-Butanone (MEK)	mg/l	0.200	0.244	80.0	32-151	19.6	26	L403729-01	WG423451
2-Hexanone	mg/l	0.234	0.276	93.7	41-155	16.4	28	L403729-01	WG423451
4-Methyl-2-pentanone (MIBK)	mg/l	0.228	0.271	91.3	40-160	16.9	28	L403729-01	WG423451
Acetone	mg/l	0.226	0.281	90.4	25-157	21.7	26	L403729-01	WG423451
Benzene	mg/l	0.0404	0.0486	80.9	16-158	18.3	21	L403729-01	WG423451
Bromochloromethane	mg/l	0.0464	0.0542	92.7	36-154	15.6	21	L403729-01	WG423451
Bromodichloromethane	mg/l	0.0440	0.0514	88.1	45-147	15.5	20	L403729-01	WG423451
Bromoform	mg/l	0.0513	0.0565	103.	38-152	9.69	20	L403729-01	WG423451
Bromomethane	mg/l	0.0397	0.0461	79.4	0-191	14.9	35	L403729-01	WG423451
Carbon disulfide	mg/l	0.0363	0.0442	72.6	10-166	19.8	25	L403729-01	WG423451
Carbon tetrachloride	mg/l	0.0378	0.0441	75.6	22-168	15.2	24	L403729-01	WG423451
Chlorobenzene	mg/l	0.0437	0.0492	87.5	33-148	11.7	22	L403729-01	WG423451
Chlorodibromomethane	mg/l	0.0483	0.0538	96.6	48-151	10.7	21	L403729-01	WG423451
Chloroethane	mg/l	0.0425	0.0506	84.9	4-176	17.5	27	L403729-01	WG423451
Chloroform	mg/l	0.0401	0.0480	80.2	37-147	18.0	21	L403729-01	WG423451
Chloromethane	mg/l	0.0373	0.0451	74.5	10-174	19.1	28	L403729-01	WG423451
cis-1,2-Dichloroethene	mg/l	0.0431	0.0515	85.1	29-156	17.7	22	L403729-01	WG423451
cis-1,3-Dichloropropene	mg/l	0.0418	0.0489	83.6	35-148	15.7	21	L403729-01	WG423451
Dichlorodifluoromethane	mg/l	0.0473	0.0582	94.5	0-200	20.8	26	L403729-01	WG423451
Ethylbenzene	mg/l	0.0421	0.0465	84.2	29-150	10.0	24	L403729-01	WG423451
Isopropylbenzene	mg/l	0.0424	0.0475	84.8	35-147	11.4	25	L403729-01	WG423451
Methyl tert-butyl ether	mg/l	0.0432	0.0523	86.4	24-167	19.1	22	L403729-01	WG423451
Methylene Chloride	mg/l	0.0411	0.0488	82.2	23-151	17.1	21	L403729-01	WG423451
Styrene	mg/l	0.0441	0.0480	88.3	38-149	8.50	23	L403729-01	WG423451
Tetrachloroethene	mg/l	0.0395	0.0447	79.0	13-157	12.4	24	L403729-01	WG423451
Toluene	mg/l	0.0397	0.0451	79.3	22-152	12.9	22	L403729-01	WG423451
trans-1,2-Dichloroethene	mg/l	0.0415	0.0493	82.9	11-160	17.3	23	L403729-01	WG423451
trans-1,3-Dichloropropene	mg/l	0.0421	0.0481	84.2	33-153	13.3	22	L403729-01	WG423451
Trichloroethene	mg/l	0.0420	0.0483	84.1	18-163	13.8	21	L403729-01	WG423451
Trichlorofluoromethane	mg/l	0.0398	0.0466	79.7	10-177	15.7	24	L403729-01	WG423451
Vinyl chloride	mg/l	0.0385	0.0470	76.9	0-179	19.9	26	L403729-01	WG423451
4-Bromofluorobenzene				103.1	75-128				WG423451
Dibromofluoromethane				97.08	79-125				WG423451
Toluene-d8				100.0	87-114				WG423451
1,1,1-Trichloroethane	mg/kg	0.252	0.226	101.	23-147	11.0	32	L404220-01	WG423541
1,1,2,2-Tetrachloroethane	mg/kg	0.214	0.204	85.6	18-150	4.78	33	L404220-01	WG423541
1,1,2-Trichloroethane	mg/kg	0.207	0.199	82.7	35-140	3.79	29	L404220-01	WG423541
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.209	0.182	83.8	10-145	14.1	35	L404220-01	WG423541
1,1-Dichloroethane	mg/kg	0.217	0.195	86.8	24-148	10.9	31	L404220-01	WG423541
1,1-Dichloroethene	mg/kg	0.177	0.167	70.7	10-149	5.72	34	L404220-01	WG423541
1,2,3-Trichlorobenzene	mg/kg	0.197	0.189	78.6	10-129	3.69	43	L404220-01	WG423541
1,2,4-Trichlorobenzene	mg/kg	0.209	0.196	83.4	10-119	6.24	44	L404220-01	WG423541
1,2-Dibromo-3-Chloropropane	mg/kg	0.227	0.219	90.9	19-145	3.81	35	L404220-01	WG423541
1,2-Dibromoethane	mg/kg	0.221	0.216	88.4	24-145	2.20	31	L404220-01	WG423541

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Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit Ref	Samp	Batch
			Ref	%Rec					
1,2-Dichlorobenzene	mg/kg	0.206	0.193	82.4	12-130	6.41	35	L404220-01	WG423541
1,2-Dichloroethane	mg/kg	0.234	0.214	93.4	21-155	8.92	29	L404220-01	WG423541
1,2-Dichloropropane	mg/kg	0.209	0.191	83.4	28-144	8.71	30	L404220-01	WG423541
1,3-Dichlorobenzene	mg/kg	0.210	0.201	84.0	10-129	4.24	38	L404220-01	WG423541
1,4-Dichlorobenzene	mg/kg	0.193	0.182	77.2	10-121	5.85	36	L404220-01	WG423541
2-Butanone (MEK)	mg/kg	0.994	1.12	79.5	21-143	12.3	37	L404220-01	WG423541
2-Hexanone	mg/kg	1.12	1.10	89.3	22-151	1.74	38	L404220-01	WG423541
4-Methyl-2-pentanone (MIBK)	mg/kg	1.14	1.11	91.2	31-151	2.58	36	L404220-01	WG423541
Acetone	mg/kg	1.11	1.09	86.9	13-158	2.51	34	L404220-01	WG423541
Benzene	mg/kg	0.202	0.183	80.9	16-143	10.2	31	L404220-01	WG423541
Bromochloromethane	mg/kg	0.223	0.209	89.2	25-152	6.72	29	L404220-01	WG423541
Bromodichloromethane	mg/kg	0.235	0.218	93.9	27-139	7.55	30	L404220-01	WG423541
Bromoform	mg/kg	0.243	0.237	97.2	21-144	2.58	34	L404220-01	WG423541
Bromomethane	mg/kg	0.233	0.215	93.1	0-180	7.93	41	L404220-01	WG423541
Carbon disulfide	mg/kg	0.169	0.147	67.5	10-156	13.9	38	L404220-01	WG423541
Carbon tetrachloride	mg/kg	0.237	0.214	94.4	12-149	9.95	34	L404220-01	WG423541
Chlorobenzene	mg/kg	0.213	0.199	85.3	17-134	6.80	34	L404220-01	WG423541
Chlorodibromomethane	mg/kg	0.236	0.225	94.5	28-147	4.83	32	L404220-01	WG423541
Chloroethane	mg/kg	0.199	0.179	79.4	0-172	10.6	38	L404220-01	WG423541
Chloroform	mg/kg	0.218	0.200	86.8	28-138	8.54	30	L404220-01	WG423541
Chloromethane	mg/kg	0.177	0.161	71.0	10-158	9.70	35	L404220-01	WG423541
cis-1,2-Dichloroethene	mg/kg	0.223	0.202	89.2	21-147	10.1	31	L404220-01	WG423541
cis-1,3-Dichloropropene	mg/kg	0.222	0.207	88.9	17-145	7.25	32	L404220-01	WG423541
Dichlorodifluoromethane	mg/kg	0.226	0.208	90.3	0-192	7.93	38	L404220-01	WG423541
Ethylbenzene	mg/kg	0.221	0.210	88.3	12-137	5.15	36	L404220-01	WG423541
Isopropylbenzene	mg/kg	0.237	0.221	94.7	14-134	6.79	37	L404220-01	WG423541
Methyl tert-butyl ether	mg/kg	0.220	0.208	87.9	21-157	5.49	31	L404220-01	WG423541
Methylene Chloride	mg/kg	0.206	0.191	82.2	12-149	7.27	31	L404220-01	WG423541
Styrene	mg/kg	0.232	0.222	92.9	10-140	4.57	35	L404220-01	WG423541
Tetrachloroethene	mg/kg	0.198	0.190	79.4	10-131	4.53	35	L404220-01	WG423541
Toluene	mg/kg	0.205	0.187	82.0	12-136	9.17	32	L404220-01	WG423541
trans-1,2-Dichloroethene	mg/kg	0.208	0.187	83.3	10-143	10.9	33	L404220-01	WG423541
trans-1,3-Dichloropropene	mg/kg	0.225	0.212	88.4	16-147	5.94	32	L404220-01	WG423541
Trichloroethene	mg/kg	0.220	0.199	87.9	10-155	9.73	33	L404220-01	WG423541
Trichlorofluoromethane	mg/kg	0.210	0.202	84.1	10-154	4.14	32	L404220-01	WG423541
Vinyl chloride	mg/kg	0.174	0.159	69.8	10-159	9.25	36	L404220-01	WG423541
4-Bromofluorobenzene				110.4	59-140				WG423541
Dibromofluoromethane				106.7	63-139				WG423541
Toluene-d8				102.5	84-116				WG423541
1,1,1-Trichloroethane	mg/kg	0.176	0.174	70.5	23-147	1.16	32	L404274-01	WG423576
1,1,2,2-Tetrachloroethane	mg/kg	0.215	0.188	86.0	18-150	13.3	33	L404274-01	WG423576
1,1,2-Trichloroethane	mg/kg	0.199	0.190	79.8	35-140	5.01	29	L404274-01	WG423576
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.166	0.164	66.3	10-145	1.23	35	L404274-01	WG423576
1,1-Dichloroethane	mg/kg	0.190	0.189	76.0	24-148	0.759	31	L404274-01	WG423576
1,1-Dichloroethene	mg/kg	0.157	0.157	62.6	10-149	0.330	34	L404274-01	WG423576
1,2,3-Trichlorobenzene	mg/kg	0.212	0.205	85.0	10-129	3.31	43	L404274-01	WG423576
1,2,4-Trichlorobenzene	mg/kg	0.221	0.222	88.2	10-119	0.631	44	L404274-01	WG423576
1,2-Dibromo-3-Chloropropane	mg/kg	0.221	0.195	88.5	19-145	12.8	35	L404274-01	WG423576
1,2-Dibromoethane	mg/kg	0.214	0.195	85.4	24-145	9.30	31	L404274-01	WG423576
1,2-Dichlorobenzene	mg/kg	0.199	0.203	79.4	12-130	2.04	35	L404274-01	WG423576
1,2-Dichloroethane	mg/kg	0.179	0.172	71.6	21-155	3.82	29	L404274-01	WG423576
1,2-Dichloropropane	mg/kg	0.201	0.201	80.5	28-144	0.167	30	L404274-01	WG423576
1,3-Dichlorobenzene	mg/kg	0.213	0.208	85.2	10-129	2.55	38	L404274-01	WG423576
1,4-Dichlorobenzene	mg/kg	0.193	0.195	77.1	10-121	1.00	36	L404274-01	WG423576
2-Butanone (MEK)	mg/kg	1.03	0.858	82.2	21-143	18.0	37	L404274-01	WG423576
2-Hexanone	mg/kg	1.14	0.924	91.3	22-151	21.0	38	L404274-01	WG423576
4-Methyl-2-pentanone (MIBK)	mg/kg	1.11	0.922	89.2	31-151	18.9	36	L404274-01	WG423576

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Acetone	mg/kg	0.992	0.820	73.7	13-158	19.1	34	L404274-01	WG423576
Benzene	mg/kg	0.179	0.175	71.6	16-143	2.08	31	L404274-01	WG423576
Bromochloromethane	mg/kg	0.204	0.195	81.7	25-152	4.78	29	L404274-01	WG423576
Bromodichloromethane	mg/kg	0.177	0.171	70.7	27-139	3.56	30	L404274-01	WG423576
Bromoform	mg/kg	0.219	0.197	87.5	21-144	10.3	34	L404274-01	WG423576
Bromomethane	mg/kg	0.143	0.140	57.3	0-180	2.29	41	L404274-01	WG423576
Carbon disulfide	mg/kg	0.120	0.121	48.0	10-156	0.661	38	L404274-01	WG423576
Carbon tetrachloride	mg/kg	0.176	0.175	70.3	12-149	0.455	34	L404274-01	WG423576
Chlorobenzene	mg/kg	0.192	0.192	76.6	17-134	0.014	34	L404274-01	WG423576
Chlorodibromomethane	mg/kg	0.194	0.182	77.4	28-147	6.03	32	L404274-01	WG423576
Chloroethane	mg/kg	0.154	0.156	61.7	0-172	1.28	38	L404274-01	WG423576
Chloroform	mg/kg	0.198	0.193	79.3	28-138	2.89	30	L404274-01	WG423576
Chloromethane	mg/kg	0.148	0.153	59.3	10-158	2.99	35	L404274-01	WG423576
cis-1,2-Dichloroethene	mg/kg	0.186	0.184	74.4	21-147	1.04	31	L404274-01	WG423576
cis-1,3-Dichloropropene	mg/kg	0.201	0.193	80.3	17-145	3.84	32	L404274-01	WG423576
Dichlorodifluoromethane	mg/kg	0.131	0.131	52.2	0-192	0.193	38	L404274-01	WG423576
Ethylbenzene	mg/kg	0.191	0.190	76.5	12-137	0.779	36	L404274-01	WG423576
Isopropylbenzene	mg/kg	0.192	0.193	76.8	14-134	0.530	37	L404274-01	WG423576
Methyl tert-butyl ether	mg/kg	0.186	0.172	74.5	21-157	7.99	31	L404274-01	WG423576
Methylene Chloride	mg/kg	0.167	0.166	66.7	12-149	0.602	31	L404274-01	WG423576
Styrene	mg/kg	0.204	0.200	81.5	10-140	2.09	35	L404274-01	WG423576
Tetrachloroethene	mg/kg	0.175	0.175	69.9	10-131	0.177	35	L404274-01	WG423576
Toluene	mg/kg	0.179	0.180	71.7	12-136	0.410	32	L404274-01	WG423576
trans-1,2-Dichloroethene	mg/kg	0.163	0.163	65.3	10-143	0.179	33	L404274-01	WG423576
trans-1,3-Dichloropropene	mg/kg	0.197	0.187	78.7	16-147	5.33	32	L404274-01	WG423576
Trichloroethene	mg/kg	0.183	0.186	73.3	10-155	1.53	33	L404274-01	WG423576
Trichlorofluoromethane	mg/kg	0.146	0.145	58.6	10-154	1.16	32	L404274-01	WG423576
Vinyl chloride	mg/kg	0.158	0.158	63.3	10-159	0.116	36	L404274-01	WG423576
4-Bromofluorobenzene				96.53	59-140				WG423576
Dibromofluoromethane				91.24	63-139				WG423576
Toluene-d8				102.6	84-116				WG423576
Diesel (C7-C26)	mg/kg	27.2	23.7	90.6	50-150	13.7	20	L404242-05	WG423285
Motor Oil (C16-C40)	mg/kg	34.7	30.2	103.	50-150	13.9	25	L404242-05	WG423285
o-Terphenyl				90.92	50-150				WG423285
Pentachlorophenol	ppm	0.319	0.289	95.9	10-146	9.88	35	L404242-05	WG423526
2,4,6-Tribromophenol				94.49	25-137				WG423526
2-Fluorobiphenyl				80.03	30-120				WG423526
2-Fluorophenol				88.83	26-130				WG423526
Nitrobenzene-d5				81.00	18-119				WG423526
Phenol-d5				85.23	37-141				WG423526
p-Terphenyl-d14				98.95	23-143				WG423526
1,1,1-Trichloroethane	mg/l	0.535	0.558	85.7	31-161	4.19	23	L403957-01	WG423629
1,1,2,2-Tetrachloroethane	mg/l	0.583	0.510	93.3	49-149	13.4	22	L403957-01	WG423629
1,1,2-Trichloroethane	mg/l	0.575	0.511	91.9	46-145	11.8	20	L403957-01	WG423629
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	0.574	0.601	40.7	14-168	4.46	24	L403957-01	WG423629
1,1-Dichloroethane	mg/l	0.546	0.563	87.3	30-159	3.10	21	L403957-01	WG423629
1,1-Dichloroethene	mg/l	0.526	0.567	80.8	10-162	7.63	23	L403957-01	WG423629
1,2,3-Trichlorobenzene	mg/l	0.631	0.529	101.	32-143	17.6	33	L403957-01	WG423629
1,2,4-Trichlorobenzene	mg/l	0.615	0.547	98.4	27-142	11.7	30	L403957-01	WG423629
1,2-Dibromo-3-Chloropropane	mg/l	0.511	0.489	81.7	37-148	4.23	27	L403957-01	WG423629
1,2-Dibromoethane	mg/l	0.568	0.491	90.8	41-149	14.4	21	L403957-01	WG423629
1,2-Dichlorobenzene	mg/l	0.579	0.580	92.7	40-139	0.024	23	L403957-01	WG423629
1,2-Dichloroethane	mg/l	0.584	0.523	93.4	29-167	11.1	21	L403957-01	WG423629

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**Quality Assurance Report
Level II**

June 25, 2009

L404242

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit Ref	Samp	Batch
			Ref	%Rec					
1,2-Dichloropropane	mg/l	0.551	0.539	88.1	39-148	2.03	20	L403957-01	WG423629
1,3-Dichlorobenzene	mg/l	0.576	0.574	92.1	32-148	0.223	24	L403957-01	WG423629
1,4-Dichlorobenzene	mg/l	0.561	0.568	89.7	32-136	1.23	23	L403957-01	WG423629
2-Butanone (MEK)	mg/l	2.80	2.47	89.4	32-151	12.4	26	L403957-01	WG423629
2-Hexanone	mg/l	3.05	2.53	97.5	41-155	18.6	28	L403957-01	WG423629
4-Methyl-2-pentanone (MIBK)	mg/l	3.05	2.62	97.7	40-160	15.0	28	L403957-01	WG423629
Acetone	mg/l	2.49	2.84	79.6	25-157	13.3	26	L403957-01	WG423629
Benzene	mg/l	0.544	0.553	87.1	16-158	1.50	21	L403957-01	WG423629
Bromochloromethane	mg/l	0.580	0.548	92.8	36-154	5.74	21	L403957-01	WG423629
Bromodichloromethane	mg/l	0.578	0.564	92.5	45-147	2.49	20	L403957-01	WG423629
Bromoform	mg/l	0.640	0.548	102.	38-152	15.4	20	L403957-01	WG423629
Bromomethane	mg/l	0.578	0.613	92.5	0-191	5.85	35	L403957-01	WG423629
Carbon disulfide	mg/l	0.475	0.541	75.9	10-166	13.0	25	L403957-01	WG423629
Carbon tetrachloride	mg/l	0.484	0.508	77.4	22-168	4.83	24	L403957-01	WG423629
Chlorobenzene	mg/l	0.544	0.556	87.0	33-148	2.10	22	L403957-01	WG423629
Chlorodibromomethane	mg/l	0.609	0.563	97.4	48-151	7.78	21	L403957-01	WG423629
Chloroethane	mg/l	0.543	0.577	86.9	4-176	5.98	27	L403957-01	WG423629
Chloroform	mg/l	0.514	0.526	82.2	37-147	2.32	21	L403957-01	WG423629
Chloromethane	mg/l	0.542	0.582	86.7	10-174	7.14	28	L403957-01	WG423629
cis-1,2-Dichloroethene	mg/l	0.742	0.766	89.9	29-156	3.13	22	L403957-01	WG423629
cis-1,3-Dichloropropene	mg/l	0.583	0.535	93.3	35-148	8.66	21	L403957-01	WG423629
Dichlorodifluoromethane	mg/l	0.528	0.562	84.5	0-200	6.18	26	L403957-01	WG423629
Ethylbenzene	mg/l	0.535	0.569	85.5	29-150	6.25	24	L403957-01	WG423629
Isopropylbenzene	mg/l	0.552	0.580	88.3	35-147	4.97	25	L403957-01	WG423629
Methyl tert-butyl ether	mg/l	0.604	0.560	96.7	24-167	7.60	22	L403957-01	WG423629
Methylene Chloride	mg/l	0.570	0.575	91.1	23-151	0.930	21	L403957-01	WG423629
Styrene	mg/l	0.572	0.562	91.5	38-149	1.74	23	L403957-01	WG423629
Tetrachloroethene	mg/l	2.85	3.09	72.3	13-157	8.02	24	L403957-01	WG423629
Toluene	mg/l	0.532	0.536	82.8	22-152	0.894	22	L403957-01	WG423629
trans-1,2-Dichloroethene	mg/l	0.514	0.568	82.2	11-160	10.0	23	L403957-01	WG423629
trans-1,3-Dichloropropene	mg/l	0.570	0.484	91.1	33-153	16.2	22	L403957-01	WG423629
Trichloroethene	mg/l	0.799	0.841	84.6	18-163	5.11	21	L403957-01	WG423629
Trichlorofluoromethane	mg/l	0.539	0.566	86.3	10-177	4.83	24	L403957-01	WG423629
Vinyl chloride	mg/l	0.516	0.558	82.6	0-179	7.71	26	L403957-01	WG423629
4-Bromofluorobenzene				99.84	75-128				WG423629
Dibromofluoromethane				103.3	79-125				WG423629
Toluene-d8				101.7	87-114				WG423629
1-Methylnaphthalene	ppm	0.0236	0.0226	71.5	19-131	4.30	30	L404176-05	WG423537
2-Chloronaphthalene	ppm	0.0246	0.0239	74.6	38-117	2.75	26	L404176-05	WG423537
2-Methylnaphthalene	ppm	0.0257	0.0244	78.0	18-125	5.35	29	L404176-05	WG423537
Acenaphthene	ppm	0.0256	0.0243	77.5	31-120	5.00	30	L404176-05	WG423537
Acenaphthylene	ppm	0.0262	0.0244	79.2	34-116	7.07	29	L404176-05	WG423537
Anthracene	ppm	0.0261	0.0245	79.2	32-131	6.40	26	L404176-05	WG423537
Benzo(a)anthracene	ppm	0.0263	0.0248	79.8	32-131	6.18	31	L404176-05	WG423537
Benzo(a)pyrene	ppm	0.0267	0.0249	80.8	28-130	6.77	28	L404176-05	WG423537
Benzo(b)fluoranthene	ppm	0.0283	0.0252	85.8	37-130	11.6	41	L404176-05	WG423537
Benzo(g,h,i)perylene	ppm	0.0313	0.0294	94.8	10-134	6.35	26	L404176-05	WG423537
Benzo(k)fluoranthene	ppm	0.0269	0.0272	81.6	31-129	0.948	42	L404176-05	WG423537
Chrysene	ppm	0.0234	0.0218	70.9	25-137	6.80	22	L404176-05	WG423537
Dibenz(a,h)anthracene	ppm	0.0292	0.0280	88.6	20-134	4.50	25	L404176-05	WG423537
Fluoranthene	ppm	0.0288	0.0255	87.3	27-138	12.1	35	L404176-05	WG423537
Fluorene	ppm	0.0271	0.0261	82.2	26-136	3.71	30	L404176-05	WG423537
Indeno(1,2,3-cd)pyrene	ppm	0.0302	0.0283	91.4	16-135	6.43	26	L404176-05	WG423537
Naphthalene	ppm	0.0246	0.0228	74.6	22-121	7.63	30	L404176-05	WG423537
Phenanthrene	ppm	0.0278	0.0249	84.4	27-133	11.3	36	L404176-05	WG423537
Pyrene	ppm	0.0257	0.0239	77.9	22-133	7.37	33	L404176-05	WG423537
2-Fluorobiphenyl				65.82	30-120				WG423537

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Quality Assurance Report
Level II

June 25, 2009

L404242

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit Ref	Samp	Batch
			Ref	%Rec					
Nitrobenzene-d5				72.95	18-119				
p-Terphenyl-d14				71.45	23-143				
Arsenic	mg/kg	47.4	46.3	94.8	75-125	2.35	20	L404615-03	WG423987
Beryllium	mg/kg	50.7	50.1	101.	75-125	1.19	20	L404615-03	WG423987
Cadmium	mg/kg	48.8	48.7	97.6	75-125	0.205	20	L404615-03	WG423987
Chromium	mg/kg	58.3	59.0	98.4	75-125	1.19	20	L404615-03	WG423987
Copper	mg/kg	50.5	50.2	101.	75-125	0.596	20	L404615-03	WG423987
Lead	mg/kg	51.5	50.6	97.4	75-125	1.76	20	L404615-03	WG423987
Nickel	mg/kg	52.0	51.5	98.2	75-125	0.966	20	L404615-03	WG423987
Selenium	mg/kg	51.6	50.1	94.8	75-125	2.95	20	L404615-03	WG423987
Silver	mg/kg	49.9	49.5	99.8	75-125	0.805	20	L404615-03	WG423987
Zinc	mg/kg	69.4	85.2	87.2	75-125	20.4*	20	L404615-03	WG423987
Antimony	mg/kg	24.5	12.6	49*	75-125	64.2*	20	L404615-03	WG423987
Thallium	mg/kg	53.2	32.1	106.	75-125	49.5*	20	L404615-03	WG423987
Mercury	mg/l	0.0031	0.0031	105.	70-130	0.318	20	L406775-15	WG426094
Mercury,Dissolved	mg/l	0.0033	0.0033	112.	70-130	2.10	20	L406945-16	WG426098
Beryllium	mg/l	1.07	1.06	94.7	75-125	0.939	20	L406969-01	WG426333
Cadmium	mg/l	1.12	1.11	99.1	75-125	0.897	20	L406969-01	WG426333
Chromium	mg/l	1.08	1.08	95.6	75-125	0.00	20	L406969-01	WG426333
Copper	mg/l	1.07	1.07	94.7	75-125	0.00	20	L406969-01	WG426333
Lead	mg/l	1.10	1.11	97.3	75-125	0.905	20	L406969-01	WG426333
Nickel	mg/l	1.08	1.08	94.8	75-125	0.00	20	L406969-01	WG426333
Selenium	mg/l	1.02	1.03	90.3	75-125	0.976	20	L406969-01	WG426333
Silver	mg/l	0.158	0.142	13.867*	75-125	10.7	20	L406969-01	WG426333
Zinc	mg/l	1.10	1.10	94.9	75-125	0.00	20	L406969-01	WG426333
Antimony	mg/l	0.0615	0.0638	108.	75-125	3.67	20	L406118-02	WG426269
Arsenic	mg/l	0.0579	0.0570	102.	75-125	1.57	20	L406118-02	WG426269
Thallium	mg/l	0.0581	0.0648	102.	75-125	10.9	20	L406118-02	WG426269
Antimony,Dissolved	mg/l	0.0594	0.0582	105.	75-125	2.04	20	L407348-02	WG426484
Arsenic,Dissolved	mg/l	0.0612	0.0593	102.	75-125	3.15	20	L407348-02	WG426484
Thallium,Dissolved	mg/l	0.0614	0.0607	108.	75-125	1.15	20	L407348-02	WG426484
1,4-Dioxane	mg/l	0.0199	0.0160	0.00	0-200	21.7	42	L407952-19	WG427509
4-Bromofluorobenzene				102.3	75-128				WG427509
Dibromofluoromethane				102.8	79-125				WG427509
Toluene-d8				106.1	87-114				WG427509
1,4-Dioxane	mg/l	0.00	0.00	0.00	0-200	0.00	42	L408146-01	WG427650

Batch number /Run number / Sample number cross reference

WG423285: R754330: L404242-01 03 05
 WG423494: R754746: L404242-01 03
 WG423451: R755907: L404242-02
 WG423541: R756107: L404242-01 03
 WG423529: R756806: L404242-06

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West Linn, OR 97068

June 25, 2009

L404242

WG423576: R757627: L404242-05
WG423526: R759406: L404242-05
WG423352: R759666: L404242-02
WG423629: R759806: L404242-04
WG423815: R761468: L404242-01 03 05
WG423537: R762466: L404242-01 03
WG423939: R762766: L404242-04
WG423987: R763507: L404242-01 03
WG424943: R771826: L404242-01
WG426094: R781586: L404242-02 04
WG426098: R781732: L404242-02 04
WG426333: R781860: L404242-02 04
WG426483: R782806: L404242-02 04
WG426269: R782827: L404242-02 04
WG426484: R783346: L404242-02 04
WG427442: R788346: L404242-01 03 05
WG427650: R788347: L404242-04
WG427509: R788627: L404242-02

* * Calculations are performed prior to rounding of reported values .

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L404242

June 25, 2009

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.



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Report Summary

Wednesday June 24, 2009

Report Number: L404262

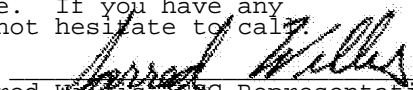
Samples Received: 05/23/09

Client Project: 008.0339.00001

Description: Bay Wood Project - Everett, WA

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:


Jarred Willis, ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140
NJ - TN002, NJ NELAP - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910

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Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.



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REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 24, 2009

Date Received : May 23, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-1B-GW
Collected By :
Collection Date : 05/21/09 14:30

ESC Sample # : L404262-01
Site ID : EVERETT, WA
Project # : 008.0339.00001

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Gasoline Range (C7-C10)	U	33.	100	ug/l		NWTPH-H	05/27/09	1
Mineral Spirits	U	33.	100	ug/l		NWTPH-H	05/27/09	1
Kerosene (C9-C16)	U	33.	100	ug/l		NWTPH-H	05/27/09	1
Diesel (C7-C26)	76.	33.	100	ug/l	J	NWTPH-H	05/27/09	1
#6 Fuel Oil (C10-C32)	U	33.	100	ug/l		NWTPH-H	05/27/09	1
Hydraulic Fluid (C12-C33)	U	33.	100	ug/l		NWTPH-H	05/27/09	1
Motor Oil (C16-C40)	U	160	500	ug/l		NWTPH-H	05/27/09	1
Surrogate recovery(%) o-Terphenyl	98.1			% Rec.		NWTPH-H	05/27/09	1

U = ND (Not Detected)
RDL = Reported Detection Limit = LOQ = PQL = EQL
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
Note:

The reported analytical results relate only to the sample submitted.
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Reported: 06/22/09 18:22 Revised: 06/24/09 09:47



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REPORT OF ANALYSIS

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West Linn, OR 97068

June 24, 2009

Date Received : May 23, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-1A-GW
Collected By :
Collection Date : 05/21/09 15:25

ESC Sample # : L404262-02
Site ID : EVERETT, WA
Project # : 008.0339.00001

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Gasoline Range (C7-C10)	U	33.	100	ug/l		NWTPH-H	05/27/09	1
Mineral Spirits	U	33.	100	ug/l		NWTPH-H	05/27/09	1
Kerosene (C9-C16)	U	33.	100	ug/l		NWTPH-H	05/27/09	1
Diesel (C7-C26)	U	33.	100	ug/l		NWTPH-H	05/27/09	1
#6 Fuel Oil (C10-C32)	U	33.	100	ug/l		NWTPH-H	05/27/09	1
Hydraulic Fluid (C12-C33)	U	33.	100	ug/l		NWTPH-H	05/27/09	1
Motor Oil (C16-C40)	U	160	500	ug/l		NWTPH-H	05/27/09	1
Surrogate recovery(%) o-Terphenyl	105.			% Rec.		NWTPH-H	05/27/09	1

U = ND (Not Detected)
RDL = Reported Detection Limit = LOQ = PQL = EQL
MDL = Minimum Detection Limit = LOD = SQL(TRRP)

Note:

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Reported: 06/22/09 18:22 Revised: 06/24/09 09:47

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L404262-01	WG423353	SAMP	Diesel (C7-C26)	R756846	J

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J	(EPA) - Estimated value below the lowest calibration point. Confidence correlates with concentration.

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

Definitions

- Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.
- Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Difference.
- Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromatography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.
- TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Summary of Remarks For Samples Printed
06/24/09 at 09:47:17

TSR Signing Reports: 358
R3 - Rush: Two Day

Log all arsenic gw samples as ASG.

Sample: L404262-01 Account: SLRWLOR Received: 05/23/09 09:00 Due Date: 06/22/09 00:00 RPT Date: 06/22/09 18:22
Moved from L404242-02; Added EDD per JW WO 9623 (WA EIM)-cb 5/29/09. UNI 477683 dor 6/16/09.
Sample: L404262-02 Account: SLRWLOR Received: 05/23/09 09:00 Due Date: 06/22/09 00:00 RPT Date: 06/22/09 18:22
Moved from L404242-04



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SLR International Corp. - West Linn, OR
Chris Kramer
1800 Blankenship Road, Suite 440
West Linn, OR 97068

Quality Assurance Report
Level II

L404262

June 24, 2009

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
#6 Fuel Oil (C10-C32)	< .1	mg/l			WG423353	05/27/09 17:06
Diesel (C7-C26)	< .1	mg/l			WG423353	05/27/09 17:06
Hydraulic Fluid (C12-C33)	< .1	mg/l			WG423353	05/27/09 17:06
Kerosene (C9-C16)	< .1	mg/l			WG423353	05/27/09 17:06
Mineral Spirits	< .1	mg/l			WG423353	05/27/09 17:06
Motor Oil (C16-C40)	< .25	mg/l			WG423353	05/27/09 17:06
o-Terphenyl		% Rec.	103.1	50-150	WG423353	05/27/09 17:06

Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
Diesel (C7-C26)	mg/l	.75	0.522	69.6	50-150	WG423353
Motor Oil (C16-C40)	mg/l	.75	0.779	104.	50-150	WG423353
o-Terphenyl				90.93	50-150	WG423353

Analyte	Units	Laboratory Control Sample Duplicate			Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
Diesel (C7-C26)	mg/l	0.479	0.522	64.0	50-150	8.61	20	WG423353
Motor Oil (C16-C40)	mg/l	0.758	0.779	101.	50-150	2.65	25	WG423353
o-Terphenyl				87.87	50-150			WG423353

Batch number /Run number / Sample number cross reference

WG423353: R756846: L404262-01 02

* * Calculations are performed prior to rounding of reported values .
 * Performance of this Analyte is outside of established criteria.
 For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'



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Quality Assurance Report
Level II

West Linn, OR 97068

L404262

June 24, 2009

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.



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Chris Kramer
SLR International Corp. - West Linn, OR
1800 Blankenship Road, Suite 440

West Linn, OR 97068

Report Summary

Wednesday June 24, 2009

Report Number: L405232

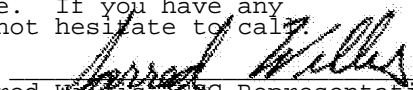
Samples Received: 06/02/09

Client Project: 008.0339.00001

Description: Bay Wood Project - Everett, WA

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:


Jarred Willis, ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140
NJ - TN002, NJ NELAP - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910

Accreditation is only applicable to the test methods specified on each scope of accreditation held by ESC Lab Sciences.

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Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.



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REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 24, 2009

Date Received : June 02, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-5B-GW-2
Collected By : C. Kramer
Collection Date : 06/01/09 08:00

ESC Sample # : L405232-01
Site ID : EVERETT, WA
Project # : 008.0339.00001

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Gasoline Range (C7-C10)	U	33.	100	ug/l		NWTPH-H	06/03/09	1
Mineral Spirits	U	33.	100	ug/l		NWTPH-H	06/03/09	1
Kerosene (C9-C16)	U	33.	100	ug/l		NWTPH-H	06/03/09	1
Diesel (C7-C26)	47.	33.	100	ug/l	J	NWTPH-H	06/03/09	1
#6 Fuel Oil (C10-C32)	U	33.	100	ug/l		NWTPH-H	06/03/09	1
Hydraulic Fluid (C12-C33)	U	33.	100	ug/l		NWTPH-H	06/03/09	1
Motor Oil (C16-C40)	U	160	500	ug/l		NWTPH-H	06/03/09	1
Surrogate recovery(%) o-Terphenyl	94.1			% Rec.		NWTPH-H	06/03/09	1

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June 24, 2009

Date Received : June 02, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-2A-GW
Collected By : C. Kramer
Collection Date : 06/01/09 09:15

ESC Sample # : L405232-03
Site ID : EVERETT, WA
Project # : 008.0339.00001

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Gasoline Range (C7-C10)	U	33.	100	ug/l		NWTPH-H	06/03/09	1
Mineral Spirits	U	33.	100	ug/l		NWTPH-H	06/03/09	1
Kerosene (C9-C16)	U	33.	100	ug/l		NWTPH-H	06/03/09	1
Diesel (C7-C26)	U	33.	100	ug/l		NWTPH-H	06/03/09	1
#6 Fuel Oil (C10-C32)	U	33.	100	ug/l		NWTPH-H	06/03/09	1
Hydraulic Fluid (C12-C33)	U	33.	100	ug/l		NWTPH-H	06/03/09	1
Motor Oil (C16-C40)	U	160	500	ug/l		NWTPH-H	06/03/09	1
Surrogate recovery(%) o-Terphenyl	98.9			% Rec.		NWTPH-H	06/03/09	1

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June 24, 2009

Date Received : June 02, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-4A-GW
Collected By : C. Kramer
Collection Date : 06/01/09 09:55

ESC Sample # : L405232-05
Site ID : EVERETT, WA
Project # : 008.0339.00001

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Gasoline Range (C7-C10)	U	33.	100	ug/l		NWTPH-H	06/03/09	1
Mineral Spirits	U	33.	100	ug/l		NWTPH-H	06/03/09	1
Kerosene (C9-C16)	U	33.	100	ug/l		NWTPH-H	06/03/09	1
Diesel (C7-C26)	100	33.	100	ug/l		NWTPH-H	06/03/09	1
#6 Fuel Oil (C10-C32)	U	33.	100	ug/l		NWTPH-H	06/03/09	1
Hydraulic Fluid (C12-C33)	U	33.	100	ug/l		NWTPH-H	06/03/09	1
Motor Oil (C16-C40)	U	160	500	ug/l		NWTPH-H	06/03/09	1
Surrogate recovery(%) o-Terphenyl	84.1			% Rec.		NWTPH-H	06/03/09	1

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June 24, 2009

Date Received : June 02, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-5B-GW-2
Collected By : C. Kramer
Collection Date : 06/01/09 08:00

ESC Sample # : L405232-06
Site ID : EVERETT, WA
Project # : 008.0339.00001

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Volatile Organics								
Acetone	U	8.9	50.	ug/l		8260B	06/02/09	1
Benzene	U	0.29	1.0	ug/l		8260B	06/02/09	1
Bromochloromethane	U	0.44	1.0	ug/l		8260B	06/02/09	1
Bromodichloromethane	U	0.37	1.0	ug/l		8260B	06/02/09	1
Bromoform	U	0.51	1.0	ug/l		8260B	06/02/09	1
Bromomethane	U	0.89	5.0	ug/l		8260B	06/02/09	1
2-Butanone (MEK)	U	4.5	10.	ug/l		8260B	06/02/09	1
Carbon disulfide	U	0.32	1.0	ug/l	J4	8260B	06/02/09	1
Carbon tetrachloride	U	0.31	1.0	ug/l		8260B	06/02/09	1
Chlorobenzene	U	0.26	1.0	ug/l		8260B	06/02/09	1
Chloroethane	U	0.86	5.0	ug/l		8260B	06/02/09	1
Chloroform	U	0.33	5.0	ug/l		8260B	06/02/09	1
Chloromethane	U	0.25	2.5	ug/l		8260B	06/02/09	1
1,2-Dibromo-3-Chloropropane	U	0.48	5.0	ug/l		8260B	06/02/09	1
Chlorodibromomethane	U	0.42	5.0	ug/l		8260B	06/02/09	1
1,2-Dibromoethane	U	0.48	1.0	ug/l		8260B	06/02/09	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l		8260B	06/02/09	1
1,3-Dichlorobenzene	U	0.19	1.0	ug/l		8260B	06/02/09	1
1,4-Dichlorobenzene	U	0.30	1.0	ug/l		8260B	06/02/09	1
Dichlorodifluoromethane	U	0.54	5.0	ug/l		8260B	06/02/09	1
1,1-Dichloroethane	U	0.31	1.0	ug/l		8260B	06/02/09	1
1,2-Dichloroethane	U	0.27	1.0	ug/l		8260B	06/02/09	1
1,1-Dichloroethene	U	0.50	1.0	ug/l		8260B	06/02/09	1
cis-1,2-Dichloroethene	U	0.38	1.0	ug/l		8260B	06/02/09	1
trans-1,2-Dichloroethene	U	0.30	1.0	ug/l	J4	8260B	06/02/09	1
1,2-Dichloropropane	U	0.52	1.0	ug/l		8260B	06/02/09	1
cis-1,3-Dichloropropene	U	0.26	1.0	ug/l		8260B	06/02/09	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l		8260B	06/02/09	1
Ethylbenzene	U	0.22	1.0	ug/l		8260B	06/02/09	1
2-Hexanone	U	1.6	10.	ug/l		8260B	06/02/09	1
Isopropylbenzene	U	0.19	1.0	ug/l		8260B	06/02/09	1
4-Methyl-2-pentanone (MIBK)	U	1.4	10.	ug/l		8260B	06/02/09	1
Methyl tert-butyl ether	U	0.19	1.0	ug/l		8260B	06/02/09	1
Methylene Chloride	U	0.30	5.0	ug/l		8260B	06/02/09	1
Styrene	U	0.38	1.0	ug/l		8260B	06/02/09	1
1,1,2,2-Tetrachloroethane	U	0.22	1.0	ug/l		8260B	06/02/09	1
Tetrachloroethene	U	0.29	1.0	ug/l		8260B	06/02/09	1
Toluene	U	0.27	5.0	ug/l		8260B	06/02/09	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.22	1.0	ug/l		8260B	06/02/09	1
1,2,3-Trichlorobenzene	U	0.24	1.0	ug/l		8260B	06/02/09	1
1,2,4-Trichlorobenzene	U	0.26	1.0	ug/l		8260B	06/02/09	1
1,1,1-Trichloroethane	U	0.27	1.0	ug/l		8260B	06/02/09	1

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REPORT OF ANALYSIS

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SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 24, 2009

Date Received : June 02, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-5B-GW-2
Collected By : C. Kramer
Collection Date : 06/01/09 08:00

ESC Sample # : L405232-06

Site ID : EVERETT, WA

Project # : 008.0339.00001

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
1,1,2-Trichloroethane	U	0.45	1.0	ug/l		8260B	06/02/09	1
Trichloroethene	U	0.37	1.0	ug/l		8260B	06/02/09	1
Trichlorofluoromethane	U	0.29	5.0	ug/l		8260B	06/02/09	1
Vinyl chloride	U	0.27	1.0	ug/l		8260B	06/02/09	1
Xylenes, Total	U	0.86	3.0	ug/l		8260B	06/02/09	1
Cyclohexane	U	0.30	1.0	ug/l	Q	8260B	06/23/09	1
1,4-Dioxane	U	33.	100	ug/l	Q	8260B	06/23/09	1
Methyl Acetate	U	6.6	20.	ug/l	Q	8260B	06/23/09	1
Methyl Cyclohexane	U	0.33	1.0	ug/l	Q	8260B	06/23/09	1
Surrogate Recovery								
Toluene-d8	102.			% Rec.		8260B	06/02/09	1
Dibromofluoromethane	98.2			% Rec.		8260B	06/02/09	1
4-Bromofluorobenzene	105.			% Rec.		8260B	06/02/09	1
Base/Neutral Extractables								
Acenaphthylene	U	0.33	1.0	ug/l		8270C	06/04/09	1
Acetophenone	U	16.	50.	ug/l		8270C	06/04/09	1
Atrazine	U	3.3	10.	ug/l		8270C	06/04/09	1
Benzaldehyde	U	3.3	10.	ug/l		8270C	06/04/09	1
Biphenyl	U	3.3	10.	ug/l		8270C	06/04/09	1
Bis(2-chloroethoxy)methane	U	3.3	10.	ug/l		8270C	06/04/09	1
Bis(2-chloroethyl)ether	U	3.3	10.	ug/l		8270C	06/04/09	1
Bis(2-chloroisopropyl)ether	U	3.3	10.	ug/l		8270C	06/04/09	1
4-Bromophenyl-phenylether	U	3.3	10.	ug/l		8270C	06/04/09	1
2-Chloronaphthalene	U	3.3	10.	ug/l		8270C	06/04/09	1
4-Chlorophenyl-phenylether	U	3.3	10.	ug/l		8270C	06/04/09	1
3,3-Dichlorobenzidine	U	3.3	10.	ug/l		8270C	06/04/09	1
2,4-Dinitrotoluene	U	3.3	10.	ug/l		8270C	06/04/09	1
2,6-Dinitrotoluene	U	3.3	10.	ug/l		8270C	06/04/09	1
Hexachlorobenzene	U	3.3	10.	ug/l		8270C	06/04/09	1
Hexachloro-1,3-butadiene	U	3.3	10.	ug/l		8270C	06/04/09	1
Hexachlorocyclopentadiene	U	3.3	10.	ug/l		8270C	06/04/09	1
Hexachloroethane	U	3.3	10.	ug/l		8270C	06/04/09	1
Isophorone	U	3.3	10.	ug/l		8270C	06/04/09	1
2-Methylnaphthalene	U	3.3	10.	ug/l		8270C	06/04/09	1
2-Methylphenol	U	1.3	10.	ug/l		8270C	06/04/09	1
3&4-methyl phenol	U	1.1	10.	ug/l		8270C	06/04/09	1
2-Nitroaniline	U	1.5	10.	ug/l		8270C	06/04/09	1
3-Nitroaniline	U	1.2	10.	ug/l		8270C	06/04/09	1
4-Nitroaniline	U	1.6	10.	ug/l		8270C	06/04/09	1
Nitrobenzene	U	3.3	10.	ug/l		8270C	06/04/09	1
n-Nitrosodiphenylamine	U	3.3	10.	ug/l		8270C	06/04/09	1
n-Nitrosodi-n-propylamine	U	3.3	10.	ug/l		8270C	06/04/09	1

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Est. 1970

REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 24, 2009

Date Received : June 02, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-5B-GW-2
Collected By : C. Kramer
Collection Date : 06/01/09 08:00

ESC Sample # : L405232-06
Site ID : EVERETT, WA
Project # : 008.0339.00001

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Benzylbutyl phthalate	U	3.3	10.	ug/l		8270C	06/04/09	1
Caprolactam	U	3.3	10.	ug/l		8270C	06/04/09	1
Carbazole	U	0.95	10.	ug/l		8270C	06/04/09	1
Bis(2-ethylhexyl)phthalate	U	2.0	6.0	ug/l		8270C	06/04/09	1
4-Chloroaniline	U	2.6	10.	ug/l		8270C	06/04/09	1
Di-n-butyl phthalate	U	3.3	10.	ug/l		8270C	06/04/09	1
Dibenzofuran	U	1.5	10.	ug/l		8270C	06/04/09	1
Diethyl phthalate	U	3.3	10.	ug/l		8270C	06/04/09	1
Dimethyl phthalate	U	3.3	10.	ug/l		8270C	06/04/09	1
Di-n-octyl phthalate	U	3.3	10.	ug/l		8270C	06/04/09	1
Acid Extractables								
4-Chloro-3-methylphenol	U	1.8	10.	ug/l		8270C	06/04/09	1
2-Chlorophenol	U	1.3	10.	ug/l		8270C	06/04/09	1
2,4-Dichlorophenol	U	2.0	10.	ug/l		8270C	06/04/09	1
2,4-Dimethylphenol	U	2.1	10.	ug/l		8270C	06/04/09	1
4,6-Dinitro-2-methylphenol	U	2.2	10.	ug/l		8270C	06/04/09	1
2,4-Dinitrophenol	U	1.2	10.	ug/l		8270C	06/04/09	1
2-Nitrophenol	U	2.1	10.	ug/l		8270C	06/04/09	1
4-Nitrophenol	U	0.76	10.	ug/l		8270C	06/04/09	1
Phenol	U	0.59	10.	ug/l		8270C	06/04/09	1
Pentachlorophenol	U	0.33	1.0	ug/l		8270C	06/04/09	1
1,2,4,5-Tetrachlorobenzene	U	16.	50.	ug/l		8270C	06/04/09	1
2,4,5-Trichlorophenol	U	1.7	50.	ug/l		8270C	06/04/09	1
2,4,6-Trichlorophenol	U	2.0	10.	ug/l		8270C	06/04/09	1
2,3,4,6-Tetrachlorophenol	U	16.	50.	ug/l		8270C	06/16/09	1
Benzo(a)anthracene	U	0.33	1.0	ug/l		8270C	06/04/09	1
Benzo(a)pyrene	U	0.33	1.0	ug/l		8270C	06/04/09	1
Benzo(b)fluoranthene	U	0.33	1.0	ug/l		8270C	06/04/09	1
Benzo(k)fluoranthene	U	0.33	1.0	ug/l		8270C	06/04/09	1
Chrysene	U	0.33	1.0	ug/l		8270C	06/04/09	1
Dibenz(a,h)anthracene	U	0.33	1.0	ug/l		8270C	06/04/09	1
Indeno(1,2,3-cd)pyrene	U	0.33	1.0	ug/l		8270C	06/04/09	1
Acenaphthene	U	0.33	1.0	ug/l		8270C	06/04/09	1
Anthracene	U	0.33	1.0	ug/l		8270C	06/04/09	1
Benzo(g,h,i)perylene	U	0.33	1.0	ug/l		8270C	06/04/09	1
Fluoranthene	U	0.33	1.0	ug/l		8270C	06/04/09	1
Fluorene	U	0.33	1.0	ug/l		8270C	06/04/09	1
Naphthalene	U	1.6	5.0	ug/l		8270C	06/04/09	1
Phenanthrene	U	0.33	1.0	ug/l		8270C	06/04/09	1
Pyrene	U	0.33	1.0	ug/l		8270C	06/04/09	1
Surrogate Recovery								
2-Fluorophenol	28.3			% Rec.		8270C	06/04/09	1
Phenol-d5	17.5			% Rec.		8270C	06/04/09	1

U = ND (Not Detected)
RDL = Reported Detection Limit = LOQ = PQL = EQL
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
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REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 24, 2009

Date Received : June 02, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-5B-GW-2
Collected By : C. Kramer
Collection Date : 06/01/09 08:00

ESC Sample # : L405232-06
Site ID : EVERETT, WA
Project # : 008.0339.00001

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Nitrobenzene-d5	55.5			% Rec.		8270C	06/04/09	1
2-Fluorobiphenyl	79.4			% Rec.		8270C	06/04/09	1
2,4,6-Tribromophenol	90.1			% Rec.		8270C	06/04/09	1
p-Terphenyl-d14	83.1			% Rec.		8270C	06/04/09	1

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June 24, 2009

Date Received : June 02, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-2A-7.5
Collected By : C. Kramer
Collection Date : 06/01/09 08:45

ESC Sample # : L405232-07
Site ID : EVERETT, WA
Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
Total Solids	88.9			%		2540G	06/04/09	1
Gasoline Range (C7-C10)	U	1.3	4.5	mg/kg		NWTPH-HC	06/09/09	1
Mineral Spirits	U	1.3	4.5	mg/kg		NWTPH-HC	06/09/09	1
Kerosene (C9-C16)	U	1.3	4.5	mg/kg		NWTPH-HC	06/09/09	1
Diesel (C7-C26)	U	1.3	4.5	mg/kg		NWTPH-HC	06/09/09	1
#6 Fuel Oil (C10-C32)	U	1.3	4.5	mg/kg		NWTPH-HC	06/09/09	1
Hydraulic Fluid (C12-C33)	U	1.3	4.5	mg/kg		NWTPH-HC	06/09/09	1
Motor Oil (C16-C40)	U	3.3	11.	mg/kg		NWTPH-HC	06/09/09	1
Surrogate recovery(%) o-Terphenyl	92.8			% Rec.		NWTPH-HC	06/09/09	1
Polychlorinated Biphenyls								
PCB 1016	U	0.0020	0.019	mg/kg		8082	06/03/09	1
PCB 1221	U	0.0049	0.019	mg/kg		8082	06/03/09	1
PCB 1232	U	0.0072	0.019	mg/kg		8082	06/03/09	1
PCB 1242	U	0.0049	0.019	mg/kg		8082	06/03/09	1
PCB 1248	U	0.0027	0.019	mg/kg		8082	06/03/09	1
PCB 1254	U	0.0050	0.019	mg/kg		8082	06/03/09	1
PCB 1260	U	0.0028	0.019	mg/kg		8082	06/03/09	1
PCBs Surrogates								
Decachlorobiphenyl	88.7			% Rec.		8082	06/03/09	1
Tetrachloro-m-xylene	91.8			% Rec.		8082	06/03/09	1

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REPORT OF ANALYSIS

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1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 24, 2009

Date Received : June 02, 2009
Description : Bay Wood Project - Everett, WA

ESC Sample # : L405232-08

Sample ID : PB-4A-9.5

Site ID : EVERETT, WA

Collected By : C. Kramer
Collection Date : 06/01/09 09:15

Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
Total Solids	82.7			%		2540G	06/04/09	1
Mercury	0.0042	0.0025	0.024	mg/kg	J	7471	06/04/09	1
Antimony	U	0.52	1.2	mg/kg		6010B	06/06/09	1
Arsenic	U	0.27	1.2	mg/kg		6010B	06/06/09	1
Beryllium	0.80	0.038	0.12	mg/kg		6010B	06/06/09	1
Cadmium	U	0.037	0.30	mg/kg		6010B	06/06/09	1
Chromium	45.	0.098	0.60	mg/kg		6010B	06/06/09	1
Copper	8.3	0.30	1.2	mg/kg		6010B	06/06/09	1
Lead	8.2	0.096	0.30	mg/kg		6010B	06/06/09	1
Nickel	82.	0.49	1.2	mg/kg		6010B	06/06/09	1
Selenium	U	0.33	1.2	mg/kg		6010B	06/06/09	1
Silver	U	0.16	0.60	mg/kg		6010B	06/06/09	1
Thallium	U	1.5	6.0	mg/kg	O	6010B	06/07/09	5
Zinc	54.	0.44	1.8	mg/kg		6010B	06/06/09	1
Volatile Organics								
Acetone	0.050	0.017	0.060	mg/kg	J	8260B	06/08/09	1
Benzene	U	0.00032	0.0012	mg/kg		8260B	06/08/09	1
Bromochloromethane	U	0.00045	0.0012	mg/kg		8260B	06/08/09	1
Bromodichloromethane	U	0.00039	0.0012	mg/kg		8260B	06/08/09	1
Bromoform	U	0.00058	0.0012	mg/kg		8260B	06/08/09	1
Bromomethane	U	0.0013	0.0060	mg/kg		8260B	06/08/09	1
2-Butanone (MEK)	U	0.0027	0.012	mg/kg		8260B	06/08/09	1
Carbon disulfide	0.0039	0.00033	0.0012	mg/kg		8260B	06/08/09	1
Carbon tetrachloride	U	0.00032	0.0012	mg/kg		8260B	06/08/09	1
Chlorobenzene	U	0.00025	0.0012	mg/kg		8260B	06/08/09	1
Chloroethane	U	0.00059	0.0060	mg/kg		8260B	06/08/09	1
Chloroform	U	0.00041	0.0060	mg/kg		8260B	06/08/09	1
Chloromethane	U	0.00056	0.0012	mg/kg		8260B	06/08/09	1
1,2-Dibromo-3-Chloropropane	U	0.0012	0.0060	mg/kg		8260B	06/08/09	1
Chlorodibromomethane	U	0.00023	0.0012	mg/kg		8260B	06/08/09	1
1,2-Dibromoethane	U	0.00032	0.0012	mg/kg		8260B	06/08/09	1
1,2-Dichlorobenzene	U	0.00024	0.0012	mg/kg		8260B	06/08/09	1
1,3-Dichlorobenzene	U	0.00038	0.0012	mg/kg		8260B	06/08/09	1
1,4-Dichlorobenzene	U	0.00022	0.0012	mg/kg		8260B	06/08/09	1
Dichlorodifluoromethane	U	0.00032	0.0060	mg/kg		8260B	06/08/09	1
1,1-Dichloroethane	U	0.00026	0.0012	mg/kg		8260B	06/08/09	1
1,2-Dichloroethane	U	0.00053	0.0012	mg/kg		8260B	06/08/09	1
1,1-Dichloroethene	U	0.00074	0.0012	mg/kg		8260B	06/08/09	1
cis-1,2-Dichloroethene	U	0.00072	0.0012	mg/kg		8260B	06/08/09	1
trans-1,2-Dichloroethene	U	0.00068	0.0012	mg/kg		8260B	06/08/09	1

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REPORT OF ANALYSIS

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SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 24, 2009

Date Received : June 02, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-4A-9.5
Collected By : C. Kramer
Collection Date : 06/01/09 09:15

ESC Sample # : L405232-08

Site ID : EVERETT, WA

Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
1,2-Dichloropropane	U	0.00075	0.0012	mg/kg		8260B	06/08/09	1
cis-1,3-Dichloropropene	U	0.00026	0.0012	mg/kg		8260B	06/08/09	1
trans-1,3-Dichloropropene	U	0.00036	0.0012	mg/kg		8260B	06/08/09	1
Ethylbenzene	U	0.00023	0.0012	mg/kg		8260B	06/08/09	1
2-Hexanone	U	0.00036	0.0012	mg/kg		8260B	06/08/09	1
Isopropylbenzene	U	0.00021	0.0012	mg/kg		8260B	06/08/09	1
4-Methyl-2-pentanone (MIBK)	U	0.0014	0.012	mg/kg		8260B	06/08/09	1
Methyl tert-butyl ether	U	0.00028	0.0012	mg/kg		8260B	06/08/09	1
Methylene Chloride	U	0.00060	0.0060	mg/kg		8260B	06/08/09	1
Styrene	U	0.00020	0.0012	mg/kg		8260B	06/08/09	1
1,1,2,2-Tetrachloroethane	U	0.00033	0.0012	mg/kg		8260B	06/08/09	1
Tetrachloroethene	U	0.00023	0.0012	mg/kg		8260B	06/08/09	1
Toluene	U	0.0012	0.0060	mg/kg		8260B	06/08/09	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.00025	0.0012	mg/kg		8260B	06/08/09	1
1,2,3-Trichlorobenzene	U	0.00023	0.0012	mg/kg		8260B	06/08/09	1
1,2,4-Trichlorobenzene	U	0.00025	0.0012	mg/kg		8260B	06/08/09	1
1,1,1-Trichloroethane	U	0.00052	0.0012	mg/kg		8260B	06/08/09	1
1,1,2-Trichloroethane	U	0.00046	0.0012	mg/kg		8260B	06/08/09	1
Trichloroethene	U	0.00034	0.0012	mg/kg		8260B	06/08/09	1
Trichlorofluoromethane	U	0.00027	0.0060	mg/kg		8260B	06/08/09	1
Vinyl chloride	U	0.00029	0.0012	mg/kg		8260B	06/08/09	1
Xylenes, Total	U	0.00046	0.0036	mg/kg		8260B	06/08/09	1
Cyclohexane	U	0.00033	0.0012	mg/kg		8260B	06/08/09	1
1,4-Dioxane	U	0.033	0.12	mg/kg		8260B	06/08/09	1
Methyl Acetate	U	0.0066	0.024	mg/kg		8260B	06/08/09	1
Methyl Cyclohexane	U	0.00033	0.0012	mg/kg		8260B	06/08/09	1
Surrogate Recovery								
Toluene-d8	91.7			% Rec.		8260B	06/08/09	1
Dibromofluoromethane	109.			% Rec.		8260B	06/08/09	1
4-Bromofluorobenzene	51.7			% Rec.	J2	8260B	06/08/09	1
Gasoline Range (C7-C10)	U	1.3	4.8	mg/kg		NWTPH-HC	06/10/09	1
Mineral Spirits	U	1.3	4.8	mg/kg		NWTPH-HC	06/10/09	1
Kerosene (C9-C16)	U	1.3	4.8	mg/kg		NWTPH-HC	06/10/09	1
Diesel (C7-C26)	U	1.3	4.8	mg/kg		NWTPH-HC	06/10/09	1
#6 Fuel Oil (C10-C32)	U	1.3	4.8	mg/kg		NWTPH-HC	06/10/09	1
Hydraulic Fluid (C12-C33)	U	1.3	4.8	mg/kg		NWTPH-HC	06/10/09	1
Motor Oil (C16-C40)	U	3.3	12.	mg/kg		NWTPH-HC	06/10/09	1
Surrogate recovery(%)								
o-Terphenyl	95.3			% Rec.		NWTPH-HC	06/10/09	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	U	0.0013	0.0072	mg/kg		8270C-SI	06/04/09	1

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REPORT OF ANALYSIS

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West Linn, OR 97068

June 24, 2009

Date Received : June 02, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-4A-9.5
Collected By : C. Kramer
Collection Date : 06/01/09 09:15

ESC Sample # : L405232-08
Site ID : EVERETT, WA
Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
Acenaphthene	U	0.0013	0.0072	mg/kg		8270C-SI	06/04/09	1
Acenaphthylene	U	0.0011	0.0072	mg/kg		8270C-SI	06/04/09	1
Benzo(a)anthracene	U	0.00096	0.0072	mg/kg		8270C-SI	06/04/09	1
Benzo(a)pyrene	0.0010	0.00083	0.0072	mg/kg	J	8270C-SI	06/04/09	1
Benzo(b)fluoranthene	U	0.0014	0.0072	mg/kg		8270C-SI	06/04/09	1
Benzo(g,h,i)perylene	U	0.00098	0.0072	mg/kg		8270C-SI	06/04/09	1
Benzo(k)fluoranthene	U	0.0012	0.0072	mg/kg		8270C-SI	06/04/09	1
Chrysene	0.0013	0.00087	0.0072	mg/kg	J	8270C-SI	06/04/09	1
Dibenz(a,h)anthracene	U	0.00089	0.0072	mg/kg		8270C-SI	06/04/09	1
Fluoranthene	0.0016	0.00081	0.0072	mg/kg	J	8270C-SI	06/04/09	1
Fluorene	U	0.0010	0.0072	mg/kg		8270C-SI	06/04/09	1
Indeno(1,2,3-cd)pyrene	U	0.00088	0.0072	mg/kg		8270C-SI	06/04/09	1
Naphthalene	U	0.0014	0.0072	mg/kg		8270C-SI	06/04/09	1
Phenanthrene	U	0.00098	0.0072	mg/kg		8270C-SI	06/04/09	1
Pyrene	0.0022	0.00096	0.0072	mg/kg	J	8270C-SI	06/04/09	1
1-Methylnaphthalene	U	0.0015	0.0072	mg/kg		8270C-SI	06/04/09	1
2-Methylnaphthalene	U	0.0020	0.0072	mg/kg		8270C-SI	06/04/09	1
2-Chloronaphthalene	U	0.0010	0.0072	mg/kg		8270C-SI	06/04/09	1
Surrogate Recovery								
Nitrobenzene-d5	68.2			% Rec.		8270C-SI	06/04/09	1
2-Fluorobiphenyl	74.5			% Rec.		8270C-SI	06/04/09	1
p-Terphenyl-d14	74.4			% Rec.		8270C-SI	06/04/09	1
Polychlorinated Biphenyls								
PCB 1016	U	0.0020	0.020	mg/kg		8082	06/03/09	1
PCB 1221	U	0.0049	0.020	mg/kg		8082	06/03/09	1
PCB 1232	U	0.0072	0.020	mg/kg		8082	06/03/09	1
PCB 1242	U	0.0049	0.020	mg/kg		8082	06/03/09	1
PCB 1248	U	0.0027	0.020	mg/kg		8082	06/03/09	1
PCB 1254	U	0.0050	0.020	mg/kg		8082	06/03/09	1
PCB 1260	U	0.0028	0.020	mg/kg		8082	06/03/09	1
PCBs Surrogates								
Decachlorobiphenyl	78.8			% Rec.		8082	06/03/09	1
Tetrachloro-m-xylene	83.8			% Rec.		8082	06/03/09	1

Results listed are dry weight basis.

U = ND (Not Detected)

MDL = Minimum Detection Limit = LOD

RDL = Reported Detection Limit = LOQ = PQL = EQL

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Reported: 06/23/09 13:09 Revised: 06/24/09 15:16



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SCIENCE CORP.**

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 24, 2009

Date Received : June 02, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-4A-GW
Collected By : C. Kramer
Collection Date : 06/01/09 09:55

ESC Sample # : L405232-09
Site ID : EVERETT, WA
Project # : 008.0339.00001

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Antimony	0.57	0.29	1.0	ug/l	J	6020	06/11/09	1
Antimony,Dissolved	U	0.29	1.0	ug/l		6020	06/09/09	1
Arsenic	5.4	0.22	1.0	ug/l		6020	06/05/09	1
Arsenic,Dissolved	3.2	0.22	1.0	ug/l		6020	06/09/09	1
Thallium	U	0.22	1.0	ug/l		6020	06/05/09	1
Thallium,Dissolved	U	0.22	1.0	ug/l		6020	06/09/09	1
Mercury	U	0.057	0.20	ug/l		7470A	06/03/09	1
Mercury,Dissolved	U	0.044	0.20	ug/l		7470A	06/09/09	1
Beryllium	U	0.75	2.0	ug/l		6010B	06/05/09	1
Beryllium,Dissolved	0.94	0.75	2.0	ug/l	J	6010B	06/08/09	1
Cadmium	U	0.74	5.0	ug/l		6010B	06/05/09	1
Cadmium,Dissolved	U	0.74	5.0	ug/l		6010B	06/08/09	1
Chromium	3.4	2.0	10.	ug/l	J	6010B	06/05/09	1
Chromium,Dissolved	U	2.0	10.	ug/l		6010B	06/08/09	1
Copper	U	6.0	20.	ug/l		6010B	06/05/09	1
Copper,Dissolved	U	6.0	20.	ug/l		6010B	06/08/09	1
Lead	U	1.9	5.0	ug/l		6010B	06/05/09	1
Lead,Dissolved	U	1.9	5.0	ug/l		6010B	06/08/09	1
Nickel	U	9.8	20.	ug/l		6010B	06/05/09	1
Nickel,Dissolved	U	9.8	20.	ug/l		6010B	06/08/09	1
Selenium	6.7	6.5	20.	ug/l	J	6010B	06/05/09	1
Selenium,Dissolved	U	6.5	20.	ug/l		6010B	06/08/09	1
Silver	U	3.2	10.	ug/l		6010B	06/05/09	1
Silver,Dissolved	U	3.2	10.	ug/l		6010B	06/08/09	1
Zinc	35.	8.8	30.	ug/l		6010B	06/05/09	1
Zinc,Dissolved	U	8.8	30.	ug/l		6010B	06/08/09	1
Volatile Organics								
Acetone	U	8.9	50.	ug/l		8260B	06/03/09	1
Benzene	U	0.29	1.0	ug/l		8260B	06/03/09	1
Bromochloromethane	U	0.44	1.0	ug/l		8260B	06/03/09	1
Bromodichloromethane	U	0.37	1.0	ug/l		8260B	06/03/09	1
Bromoform	U	0.51	1.0	ug/l		8260B	06/03/09	1
Bromomethane	U	0.89	5.0	ug/l		8260B	06/03/09	1
2-Butanone (MEK)	U	4.5	10.	ug/l		8260B	06/03/09	1
Carbon disulfide	U	0.32	1.0	ug/l		8260B	06/03/09	1
Carbon tetrachloride	U	0.31	1.0	ug/l		8260B	06/03/09	1
Chlorobenzene	U	0.26	1.0	ug/l		8260B	06/03/09	1
Chloroethane	U	0.86	5.0	ug/l		8260B	06/03/09	1
Chloroform	U	0.33	5.0	ug/l		8260B	06/03/09	1
Chloromethane	U	0.25	2.5	ug/l		8260B	06/03/09	1

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REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 24, 2009

Date Received : June 02, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-4A-GW
Collected By : C. Kramer
Collection Date : 06/01/09 09:55

ESC Sample # : L405232-09
Site ID : EVERETT, WA
Project # : 008.0339.00001

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
1,2-Dibromo-3-Chloropropane	U	0.48	5.0	ug/l		8260B	06/03/09	1
Chlorodibromomethane	U	0.42	5.0	ug/l		8260B	06/03/09	1
1,2-Dibromoethane	U	0.48	1.0	ug/l		8260B	06/03/09	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l		8260B	06/03/09	1
1,3-Dichlorobenzene	U	0.19	1.0	ug/l		8260B	06/03/09	1
1,4-Dichlorobenzene	U	0.30	1.0	ug/l		8260B	06/03/09	1
Dichlorodifluoromethane	U	0.54	5.0	ug/l		8260B	06/03/09	1
1,1-Dichloroethane	U	0.31	1.0	ug/l		8260B	06/03/09	1
1,2-Dichloroethane	U	0.27	1.0	ug/l		8260B	06/03/09	1
1,1-Dichloroethene	U	0.50	1.0	ug/l		8260B	06/03/09	1
cis-1,2-Dichloroethene	U	0.38	1.0	ug/l		8260B	06/03/09	1
trans-1,2-Dichloroethene	U	0.30	1.0	ug/l		8260B	06/03/09	1
1,2-Dichloropropane	U	0.52	1.0	ug/l		8260B	06/03/09	1
cis-1,3-Dichloropropene	U	0.26	1.0	ug/l		8260B	06/03/09	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l		8260B	06/03/09	1
Ethylbenzene	U	0.22	1.0	ug/l		8260B	06/03/09	1
2-Hexanone	U	1.6	10.	ug/l		8260B	06/03/09	1
Isopropylbenzene	U	0.19	1.0	ug/l		8260B	06/03/09	1
4-Methyl-2-pentanone (MIBK)	U	1.4	10.	ug/l		8260B	06/03/09	1
Methyl tert-butyl ether	U	0.19	1.0	ug/l		8260B	06/03/09	1
Methylene Chloride	U	0.30	5.0	ug/l		8260B	06/03/09	1
Styrene	U	0.38	1.0	ug/l		8260B	06/03/09	1
1,1,2,2-Tetrachloroethane	U	0.22	1.0	ug/l		8260B	06/03/09	1
Tetrachloroethene	U	0.29	1.0	ug/l		8260B	06/03/09	1
Toluene	U	0.27	5.0	ug/l		8260B	06/03/09	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.22	1.0	ug/l		8260B	06/03/09	1
1,2,3-Trichlorobenzene	U	0.24	1.0	ug/l		8260B	06/03/09	1
1,2,4-Trichlorobenzene	U	0.26	1.0	ug/l		8260B	06/03/09	1
1,1,1-Trichloroethane	U	0.27	1.0	ug/l		8260B	06/03/09	1
1,1,2-Trichloroethane	U	0.45	1.0	ug/l		8260B	06/03/09	1
Trichloroethene	U	0.37	1.0	ug/l		8260B	06/03/09	1
Trichlorofluoromethane	U	0.29	5.0	ug/l		8260B	06/03/09	1
Vinyl chloride	U	0.27	1.0	ug/l		8260B	06/03/09	1
Xylenes, Total	U	0.86	3.0	ug/l		8260B	06/03/09	1
Cyclohexane	U	0.30	1.0	ug/l	Q	8260B	06/23/09	1
1,4-Dioxane	U	33.	100	ug/l	Q	8260B	06/23/09	1
Methyl Acetate	U	6.6	20.	ug/l	Q	8260B	06/23/09	1
Methyl Cyclohexane	U	0.33	1.0	ug/l	Q	8260B	06/23/09	1
Surrogate Recovery								
Toluene-d8	103.			% Rec.		8260B	06/03/09	1
Dibromofluoromethane	100.			% Rec.		8260B	06/03/09	1
4-Bromofluorobenzene	104.			% Rec.		8260B	06/03/09	1

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West Linn, OR 97068

June 24, 2009

Date Received : June 02, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : PB-4A-GW
Collected By : C. Kramer
Collection Date : 06/01/09 09:55

ESC Sample # : L405232-09
Site ID : EVERETT, WA
Project # : 008.0339.00001

Parameter	Result	MDL	RDL	Units	Q	Method	Date	Dil.
Diesel Range Organics (DRO)	63.	33.	100	ug/l	J	NWTPHDX	06/08/09	1
Residual Range Organics (RRO)	U	82.	250	ug/l		NWTPHDX	06/08/09	1
Surrogate Recovery								
o-Terphenyl	92.5			% Rec.		NWTPHDX	06/08/09	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	U	0.012	0.050	ug/l		8270C-S	06/02/09	1
Acenaphthene	U	0.013	0.050	ug/l		8270C-S	06/02/09	1
Acenaphthylene	U	0.017	0.050	ug/l		8270C-S	06/02/09	1
Benzo(a)anthracene	U	0.023	0.050	ug/l	J3	8270C-S	06/02/09	1
Benzo(a)pyrene	U	0.013	0.050	ug/l	J3	8270C-S	06/02/09	1
Benzo(b)fluoranthene	U	0.024	0.050	ug/l		8270C-S	06/02/09	1
Benzo(g,h,i)perylene	U	0.018	0.050	ug/l		8270C-S	06/02/09	1
Benzo(k)fluoranthene	U	0.020	0.050	ug/l		8270C-S	06/02/09	1
Chrysene	U	0.018	0.050	ug/l		8270C-S	06/02/09	1
Dibenz(a,h)anthracene	U	0.013	0.050	ug/l		8270C-S	06/02/09	1
Fluoranthene	U	0.020	0.050	ug/l		8270C-S	06/02/09	1
Fluorene	U	0.012	0.050	ug/l		8270C-S	06/02/09	1
Indeno(1,2,3-cd)pyrene	U	0.015	0.050	ug/l	J3	8270C-S	06/02/09	1
Naphthalene	U	0.023	0.25	ug/l		8270C-S	06/02/09	1
Phenanthrene	U	0.018	0.050	ug/l		8270C-S	06/02/09	1
Pyrene	U	0.022	0.050	ug/l		8270C-S	06/02/09	1
1-Methylnaphthalene	U	0.014	0.25	ug/l		8270C-S	06/02/09	1
2-Methylnaphthalene	0.015	0.014	0.25	ug/l	J	8270C-S	06/02/09	1
2-Chloronaphthalene	U	0.014	0.25	ug/l		8270C-S	06/02/09	1
Surrogate Recovery								
Nitrobenzene-d5	66.2			% Rec.		8270C-S	06/02/09	1
2-Fluorobiphenyl	80.7			% Rec.		8270C-S	06/02/09	1
p-Terphenyl-d14	71.1			% Rec.		8270C-S	06/02/09	1

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Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L405232-01	WG424561	SAMP	Diesel (C7-C26)	R771007	J
L405232-06	WG424513	SAMP	Carbon disulfide	R769006	J4
	WG424513	SAMP	trans-1,2-Dichloroethene	R769006	J4
	WG427744	SAMP	Cyclohexane	R789452	Q
	WG427744	SAMP	1,4-Dioxane	R789452	Q
	WG427744	SAMP	Methyl Acetate	R789452	Q
	WG427744	SAMP	Methyl Cyclohexane	R789452	Q
L405232-08	WG425508	SAMP	Acetone	R777028	J
	WG425508	SAMP	4-Bromofluorobenzene	R777028	J2
	WG424546	SAMP	Thallium	R776106	O
	WG424552	SAMP	Mercury	R772367	J
	WG424733	SAMP	Benzo(a)pyrene	R772686	J
	WG424733	SAMP	Chrysene	R772686	J
	WG424733	SAMP	Fluoranthene	R772686	J
	WG424733	SAMP	Pyrene	R772686	J
L405232-09	WG427744	SAMP	Cyclohexane	R789452	Q
	WG427744	SAMP	1,4-Dioxane	R789452	Q
	WG427744	SAMP	Methyl Acetate	R789452	Q
	WG427744	SAMP	Methyl Cyclohexane	R789452	Q
	WG425440	SAMP	Beryllium,Dissolved	R777187	J
	WG425034	SAMP	Chromium	R775071	J
	WG425034	SAMP	Selenium	R775071	J
	WG426003	SAMP	Antimony	R779488	J
	WG425407	SAMP	Diesel Range Organics (DRO)	R775926	J
	WG424509	SAMP	Benzo(a)anthracene	R768708	J3
	WG424509	SAMP	Benzo(a)pyrene	R768708	J3
	WG424509	SAMP	Indeno(1,2,3-cd)pyrene	R768708	J3
	WG424509	SAMP	2-Methylnaphthalene	R768708	J

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J	(EPA) - Estimated value below the lowest calibration point. Confidence correlates with concentration.
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
O	(ESC) Sample diluted due to matrix interferences that impaired the ability to make an accurate analytical determination. The detection limit is elevated in order to reflect the necessary dilution.
Q	(ESC) Sample held beyond the accepted holding time.

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

Definitions

- Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.
- Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Difference.
- Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromatography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.
- TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Summary of Remarks For Samples Printed
06/24/09 at 15:16:05

TSR Signing Reports: 358
R4 - Rush: Three Day

Log all arsenic gw samples as ASG.

Sample: L405232-01 Account: SLRWLOR Received: 06/02/09 09:00 Due Date: 06/22/09 00:00 RPT Date: 06/23/09 13:09
WA EIM EDD needed. UNI 480305 dor 6/16/09
Sample: L405232-03 Account: SLRWLOR Received: 06/02/09 09:00 Due Date: 06/22/09 00:00 RPT Date: 06/23/09 13:09
Sample: L405232-05 Account: SLRWLOR Received: 06/02/09 09:00 Due Date: 06/22/09 00:00 RPT Date: 06/23/09 13:09
Sample: L405232-06 Account: SLRWLOR Received: 06/02/09 09:00 Due Date: 06/22/09 00:00 RPT Date: 06/23/09 13:09
One SVOC container broken after receipt. Container was cracked.
Sample: L405232-07 Account: SLRWLOR Received: 06/02/09 09:00 Due Date: 06/22/09 00:00 RPT Date: 06/23/09 13:09
MISC = 14 terracore kits for Baywood project x \$8 = \$112 jw
Sample: L405232-08 Account: SLRWLOR Received: 06/02/09 09:00 Due Date: 06/22/09 00:00 RPT Date: 06/23/09 13:09
Added V8260 per Megan C. - MB 6/4/09
Sample: L405232-09 Account: SLRWLOR Received: 06/02/09 09:00 Due Date: 06/22/09 00:00 RPT Date: 06/23/09 13:09
Metals pH adjusted at lab 6/2 at 1040, Added NWTPHDX - MB 6/5/09



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Chris Kramer
1800 Blankenship Road, Suite 440
West Linn, OR 97068

Quality Assurance Report
Level II

June 24, 2009

L405232

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
1-Methylnaphthalene	< .01	ppm			WG424509	06/02/09 18:35
2-Chloronaphthalene	< .01	ppm			WG424509	06/02/09 18:35
2-Methylnaphthalene	< .01	ppm			WG424509	06/02/09 18:35
Acenaphthene	< .01	ppm			WG424509	06/02/09 18:35
Acenaphthylene	< .01	ppm			WG424509	06/02/09 18:35
Anthracene	< .01	ppm			WG424509	06/02/09 18:35
Benzo(a)anthracene	< .01	ppm			WG424509	06/02/09 18:35
Benzo(a)pyrene	< .01	ppm			WG424509	06/02/09 18:35
Benzo(b)fluoranthene	< .01	ppm			WG424509	06/02/09 18:35
Benzo(g,h,i)perylene	< .01	ppm			WG424509	06/02/09 18:35
Benzo(k)fluoranthene	< .01	ppm			WG424509	06/02/09 18:35
Chrysene	< .01	ppm			WG424509	06/02/09 18:35
Dibenz(a,h)anthracene	< .01	ppm			WG424509	06/02/09 18:35
Fluoranthene	< .01	ppm			WG424509	06/02/09 18:35
Fluorene	< .01	ppm			WG424509	06/02/09 18:35
Indeno(1,2,3-cd)pyrene	< .01	ppm			WG424509	06/02/09 18:35
Naphthalene	< .01	ppm			WG424509	06/02/09 18:35
Phenanthrene	< .01	ppm			WG424509	06/02/09 18:35
Pyrene	< .01	ppm			WG424509	06/02/09 18:35
2-Fluorobiphenyl		% Rec.	49.60	26-122	WG424509	06/02/09 18:35
Nitrobenzene-d5		% Rec.	42.07	12-120	WG424509	06/02/09 18:35
p-Terphenyl-d14		% Rec.	59.35	34-149	WG424509	06/02/09 18:35
1,1,1-Trichloroethane	< .001	mg/l			WG424513	06/02/09 14:19
1,1,2,2-Tetrachloroethane	< .001	mg/l			WG424513	06/02/09 14:19
1,1,2-Trichloroethane	< .001	mg/l			WG424513	06/02/09 14:19
1,1,2-Trichloro-1,2,2-trifluoroethane	< .001	mg/l			WG424513	06/02/09 14:19
1,1-Dichloroethane	< .001	mg/l			WG424513	06/02/09 14:19
1,1-Dichloroethene	< .001	mg/l			WG424513	06/02/09 14:19
1,2,3-Trichlorobenzene	< .001	mg/l			WG424513	06/02/09 14:19
1,2,4-Trichlorobenzene	< .001	mg/l			WG424513	06/02/09 14:19
1,2-Dibromo-3-Chloropropane	< .005	mg/l			WG424513	06/02/09 14:19
1,2-Dibromoethane	< .001	mg/l			WG424513	06/02/09 14:19
1,2-Dichlorobenzene	< .001	mg/l			WG424513	06/02/09 14:19
1,2-Dichloroethane	< .001	mg/l			WG424513	06/02/09 14:19
1,2-Dichloropropane	< .001	mg/l			WG424513	06/02/09 14:19
1,3-Dichlorobenzene	< .001	mg/l			WG424513	06/02/09 14:19
1,4-Dichlorobenzene	< .001	mg/l			WG424513	06/02/09 14:19
2-Butanone (MEK)	< .01	mg/l			WG424513	06/02/09 14:19
2-Hexanone	< .01	mg/l			WG424513	06/02/09 14:19
4-Methyl-2-pentanone (MIBK)	< .01	mg/l			WG424513	06/02/09 14:19
Acetone	< .05	mg/l			WG424513	06/02/09 14:19
Benzene	< .001	mg/l			WG424513	06/02/09 14:19
Bromochloromethane	< .001	mg/l			WG424513	06/02/09 14:19
Bromodichloromethane	< .001	mg/l			WG424513	06/02/09 14:19
Bromoform	< .001	mg/l			WG424513	06/02/09 14:19
Bromomethane	< .005	mg/l			WG424513	06/02/09 14:19
Carbon disulfide	< .001	mg/l			WG424513	06/02/09 14:19
Carbon tetrachloride	< .001	mg/l			WG424513	06/02/09 14:19
Chlorobenzene	< .001	mg/l			WG424513	06/02/09 14:19
Chlorodibromomethane	< .001	mg/l			WG424513	06/02/09 14:19
Chloroethane	< .001	mg/l			WG424513	06/02/09 14:19
Chloroform	< .005	mg/l			WG424513	06/02/09 14:19
Chloromethane	< .001	mg/l			WG424513	06/02/09 14:19
cis-1,2-Dichloroethene	< .001	mg/l			WG424513	06/02/09 14:19
cis-1,3-Dichloropropene	< .001	mg/l			WG424513	06/02/09 14:19
Dichlorodifluoromethane	< .005	mg/l			WG424513	06/02/09 14:19
Ethylbenzene	< .001	mg/l			WG424513	06/02/09 14:19

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SLR International Corp. - West Linn, OR
Chris Kramer

1800 Blankenship Road, Suite 440

Quality Assurance Report
Level II

West Linn, OR 97068

June 24, 2009

L405232

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
Isopropylbenzene	< .001	mg/l			WG424513	06/02/09 14:19
Methyl tert-butyl ether	< .001	mg/l			WG424513	06/02/09 14:19
Methylene Chloride	< .005	mg/l			WG424513	06/02/09 14:19
Styrene	< .001	mg/l			WG424513	06/02/09 14:19
Tetrachloroethene	< .001	mg/l			WG424513	06/02/09 14:19
Toluene	< .005	mg/l			WG424513	06/02/09 14:19
trans-1,2-Dichloroethene	< .001	mg/l			WG424513	06/02/09 14:19
trans-1,3-Dichloropropene	< .001	mg/l			WG424513	06/02/09 14:19
Trichloroethene	< .001	mg/l			WG424513	06/02/09 14:19
Trichlorofluoromethane	< .005	mg/l			WG424513	06/02/09 14:19
Vinyl chloride	< .001	mg/l			WG424513	06/02/09 14:19
4-Bromofluorobenzene		% Rec.	103.9	75-128	WG424513	06/02/09 14:19
Dibromofluoromethane		% Rec.	98.79	79-125	WG424513	06/02/09 14:19
Toluene-d8		% Rec.	103.6	87-114	WG424513	06/02/09 14:19
PCB 1016	< .017	mg/kg			WG424512	06/03/09 12:52
PCB 1221	< .017	mg/kg			WG424512	06/03/09 12:52
PCB 1232	< .017	mg/kg			WG424512	06/03/09 12:52
PCB 1242	< .017	mg/kg			WG424512	06/03/09 12:52
PCB 1248	< .017	mg/kg			WG424512	06/03/09 12:52
PCB 1254	< .017	mg/kg			WG424512	06/03/09 12:52
PCB 1260	< .017	mg/kg			WG424512	06/03/09 12:52
Decachlorobiphenyl		% Rec.	74.10	18.9-115.8	WG424512	06/03/09 12:52
Tetrachloro-m-xylene		% Rec.	88.34	31.8-115.7	WG424512	06/03/09 12:52
1,1,1-Trichloroethane	< .001	mg/l			WG424709	06/03/09 14:27
1,1,2,2-Tetrachloroethane	< .001	mg/l			WG424709	06/03/09 14:27
1,1,2-Trichloroethane	< .001	mg/l			WG424709	06/03/09 14:27
1,1,2-Trichloro-1,2,2-trifluoroethane	< .001	mg/l			WG424709	06/03/09 14:27
1,1-Dichloroethane	< .001	mg/l			WG424709	06/03/09 14:27
1,1-Dichloroethene	< .001	mg/l			WG424709	06/03/09 14:27
1,2,3-Trichlorobenzene	< .001	mg/l			WG424709	06/03/09 14:27
1,2,4-Trichlorobenzene	< .001	mg/l			WG424709	06/03/09 14:27
1,2-Dibromo-3-Chloropropane	< .005	mg/l			WG424709	06/03/09 14:27
1,2-Dibromoethane	< .001	mg/l			WG424709	06/03/09 14:27
1,2-Dichlorobenzene	< .001	mg/l			WG424709	06/03/09 14:27
1,2-Dichloroethane	< .001	mg/l			WG424709	06/03/09 14:27
1,2-Dichloropropane	< .001	mg/l			WG424709	06/03/09 14:27
1,3-Dichlorobenzene	< .001	mg/l			WG424709	06/03/09 14:27
1,4-Dichlorobenzene	< .001	mg/l			WG424709	06/03/09 14:27
2-Butanone (MEK)	< .01	mg/l			WG424709	06/03/09 14:27
2-Hexanone	< .01	mg/l			WG424709	06/03/09 14:27
4-Methyl-2-pentanone (MIBK)	< .01	mg/l			WG424709	06/03/09 14:27
Acetone	< .05	mg/l			WG424709	06/03/09 14:27
Benzene	< .001	mg/l			WG424709	06/03/09 14:27
Bromochloromethane	< .001	mg/l			WG424709	06/03/09 14:27
Bromodichloromethane	< .001	mg/l			WG424709	06/03/09 14:27
Bromoform	< .001	mg/l			WG424709	06/03/09 14:27
Bromomethane	< .005	mg/l			WG424709	06/03/09 14:27
Carbon disulfide	< .001	mg/l			WG424709	06/03/09 14:27
Carbon tetrachloride	< .001	mg/l			WG424709	06/03/09 14:27
Chlorobenzene	< .001	mg/l			WG424709	06/03/09 14:27
Chlorodibromomethane	< .001	mg/l			WG424709	06/03/09 14:27
Chloroethane	< .001	mg/l			WG424709	06/03/09 14:27
Chloroform	< .005	mg/l			WG424709	06/03/09 14:27
Chloromethane	< .001	mg/l			WG424709	06/03/09 14:27
cis-1,2-Dichloroethene	< .001	mg/l			WG424709	06/03/09 14:27

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Quality Assurance Report
Level II

June 24, 2009

L405232

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
cis-1,3-Dichloropropene	< .001	mg/l			WG424709	06/03/09 14:27
Dichlorodifluoromethane	< .005	mg/l			WG424709	06/03/09 14:27
Ethylbenzene	< .001	mg/l			WG424709	06/03/09 14:27
Isopropylbenzene	< .001	mg/l			WG424709	06/03/09 14:27
Methyl tert-butyl ether	< .001	mg/l			WG424709	06/03/09 14:27
Methylene Chloride	< .005	mg/l			WG424709	06/03/09 14:27
Styrene	< .001	mg/l			WG424709	06/03/09 14:27
Tetrachloroethene	< .001	mg/l			WG424709	06/03/09 14:27
Toluene	< .005	mg/l			WG424709	06/03/09 14:27
trans-1,2-Dichloroethene	< .001	mg/l			WG424709	06/03/09 14:27
trans-1,3-Dichloropropene	< .001	mg/l			WG424709	06/03/09 14:27
Trichloroethene	< .001	mg/l			WG424709	06/03/09 14:27
Trichlorofluoromethane	< .005	mg/l			WG424709	06/03/09 14:27
Vinyl chloride	< .001	mg/l			WG424709	06/03/09 14:27
4-Bromofluorobenzene		% Rec.	103.2	75-128	WG424709	06/03/09 14:27
Dibromofluoromethane		% Rec.	100.9	79-125	WG424709	06/03/09 14:27
Toluene-d8		% Rec.	102.5	87-114	WG424709	06/03/09 14:27
#6 Fuel Oil (C10-C32)	< .1	mg/l			WG424561	06/03/09 09:51
Diesel (C7-C26)	< .1	mg/l			WG424561	06/03/09 09:51
Hydraulic Fluid (C12-C33)	< .1	mg/l			WG424561	06/03/09 09:51
Kerosene (C9-C16)	< .1	mg/l			WG424561	06/03/09 09:51
Mineral Spirits	< .1	mg/l			WG424561	06/03/09 09:51
Motor Oil (C16-C40)	< .25	mg/l			WG424561	06/03/09 09:51
o-Terphenyl		% Rec.	102.5	50-150	WG424561	06/03/09 09:51
1,2,4,5-Tetrachlorobenzene	< .05	ppm			WG424808	06/04/09 10:47
2,4,5-Trichlorophenol	< .01	ppm			WG424808	06/04/09 10:47
2,4,6-Trichlorophenol	< .01	ppm			WG424808	06/04/09 10:47
2,4-Dichlorophenol	< .01	ppm			WG424808	06/04/09 10:47
2,4-Dimethylphenol	< .01	ppm			WG424808	06/04/09 10:47
2,4-Dinitrophenol	< .01	ppm			WG424808	06/04/09 10:47
2,4-Dinitrotoluene	< .01	ppm			WG424808	06/04/09 10:47
2,6-Dinitrotoluene	< .01	ppm			WG424808	06/04/09 10:47
2-Chloronaphthalene	< .01	ppm			WG424808	06/04/09 10:47
2-Chlorophenol	< .01	ppm			WG424808	06/04/09 10:47
2-Methylnaphthalene	< .01	ppm			WG424808	06/04/09 10:47
2-Methylphenol	< .01	ppm			WG424808	06/04/09 10:47
2-Nitroaniline	< .01	ppm			WG424808	06/04/09 10:47
2-Nitrophenol	< .01	ppm			WG424808	06/04/09 10:47
3&4-methyl phenol	< .01	ppm			WG424808	06/04/09 10:47
3,3-Dichlorobenzidine	< .01	ppm			WG424808	06/04/09 10:47
3-Nitroaniline	< .01	ppm			WG424808	06/04/09 10:47
4,6-Dinitro-2-methylphenol	< .01	ppm			WG424808	06/04/09 10:47
4-Bromophenyl-phenylether	< .01	ppm			WG424808	06/04/09 10:47
4-Chloro-3-methylphenol	< .01	ppm			WG424808	06/04/09 10:47
4-Chloroaniline	< .01	ppm			WG424808	06/04/09 10:47
4-Chlorophenyl-phenylether	< .01	ppm			WG424808	06/04/09 10:47
4-Nitroaniline	< .01	ppm			WG424808	06/04/09 10:47
4-Nitrophenol	< .01	ppm			WG424808	06/04/09 10:47
Acenaphthene	< .01	ppm			WG424808	06/04/09 10:47
Acenaphthylene	< .01	ppm			WG424808	06/04/09 10:47
Acetophenone	< .01	ppm			WG424808	06/04/09 10:47
Anthracene	< .01	ppm			WG424808	06/04/09 10:47
Atrazine	< .01	ppm			WG424808	06/04/09 10:47
Benzaldehyde	< .01	ppm			WG424808	06/04/09 10:47
Benzo(a)anthracene	< .01	ppm			WG424808	06/04/09 10:47

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Quality Assurance Report
Level II

June 24, 2009

L405232

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
Benzo(a)pyrene	< .01	ppm			WG424808	06/04/09 10:47
Benzo(b)fluoranthene	< .01	ppm			WG424808	06/04/09 10:47
Benzo(g,h,i)perylene	< .01	ppm			WG424808	06/04/09 10:47
Benzo(k)fluoranthene	< .01	ppm			WG424808	06/04/09 10:47
Benzybutyl phthalate	< .01	ppm			WG424808	06/04/09 10:47
Biphenyl	< .01	ppm			WG424808	06/04/09 10:47
Bis(2-chloroethoxy)methane	< .01	ppm			WG424808	06/04/09 10:47
Bis(2-chloroethyl)ether	< .01	ppm			WG424808	06/04/09 10:47
Bis(2-chloroisopropyl)ether	< .01	ppm			WG424808	06/04/09 10:47
Bis(2-ethylhexyl)phthalate	< .01	ppm			WG424808	06/04/09 10:47
Caprolactam	< .01	ppm			WG424808	06/04/09 10:47
Carbazole	< .01	ppm			WG424808	06/04/09 10:47
Chrysene	< .01	ppm			WG424808	06/04/09 10:47
Di-n-butyl phthalate	< .01	ppm			WG424808	06/04/09 10:47
Di-n-octyl phthalate	< .01	ppm			WG424808	06/04/09 10:47
Dibenz(a,h)anthracene	< .01	ppm			WG424808	06/04/09 10:47
Dibenzofuran	< .01	ppm			WG424808	06/04/09 10:47
Diethyl phthalate	< .01	ppm			WG424808	06/04/09 10:47
Dimethyl phthalate	< .01	ppm			WG424808	06/04/09 10:47
Fluoranthene	< .01	ppm			WG424808	06/04/09 10:47
Fluorene	< .01	ppm			WG424808	06/04/09 10:47
Hexachloro-1,3-butadiene	< .01	ppm			WG424808	06/04/09 10:47
Hexachlorobenzene	< .01	ppm			WG424808	06/04/09 10:47
Hexachlorocyclopentadiene	< .01	ppm			WG424808	06/04/09 10:47
Hexachloroethane	< .01	ppm			WG424808	06/04/09 10:47
Indeno(1,2,3-cd)pyrene	< .01	ppm			WG424808	06/04/09 10:47
Isophorone	< .01	ppm			WG424808	06/04/09 10:47
n-Nitrosodi-n-propylamine	< .01	ppm			WG424808	06/04/09 10:47
n-Nitrosodiphenylamine	< .01	ppm			WG424808	06/04/09 10:47
Naphthalene	< .01	ppm			WG424808	06/04/09 10:47
Nitrobenzene	< .01	ppm			WG424808	06/04/09 10:47
Pentachlorophenol	< .01	ppm			WG424808	06/04/09 10:47
Phenanthrene	< .01	ppm			WG424808	06/04/09 10:47
Phenol	< .01	ppm			WG424808	06/04/09 10:47
Pyrene	< .01	ppm			WG424808	06/04/09 10:47
2,4,6-Tribromophenol		% Rec.	57.08	10-148	WG424808	06/04/09 10:47
2-Fluorobiphenyl		% Rec.	83.35	26-122	WG424808	06/04/09 10:47
2-Fluorophenol		% Rec.	29.56	10-87	WG424808	06/04/09 10:47
Nitrobenzene-d5		% Rec.	51.33	12-120	WG424808	06/04/09 10:47
Phenol-d5		% Rec.	20.82	10-67	WG424808	06/04/09 10:47
p-Terphenyl-d14		% Rec.	99.16	34-149	WG424808	06/04/09 10:47
Total Solids	< .1	%			WG424697	06/04/09 10:31
Mercury	< .0002	mg/l			WG424613	06/03/09 22:41
Mercury	< .02	mg/kg			WG424552	06/04/09 11:51
1-Methylnaphthalene	< .33	ppm			WG424733	06/04/09 13:12
2-Chloronaphthalene	< .33	ppm			WG424733	06/04/09 13:12
2-Methylnaphthalene	< .33	ppm			WG424733	06/04/09 13:12
Acenaphthene	< .33	ppm			WG424733	06/04/09 13:12
Acenaphthylene	< .33	ppm			WG424733	06/04/09 13:12
Anthracene	< .33	ppm			WG424733	06/04/09 13:12
Benzo(a)anthracene	< .33	ppm			WG424733	06/04/09 13:12

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Quality Assurance Report
Level II

June 24, 2009

L405232

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
Benzo(a)pyrene	< .33	ppm			WG424733	06/04/09 13:12
Benzo(b)fluoranthene	< .33	ppm			WG424733	06/04/09 13:12
Benzo(g,h,i)perylene	< .33	ppm			WG424733	06/04/09 13:12
Benzo(k)fluoranthene	< .33	ppm			WG424733	06/04/09 13:12
Chrysene	< .33	ppm			WG424733	06/04/09 13:12
Dibenz(a,h)anthracene	< .33	ppm			WG424733	06/04/09 13:12
Fluoranthene	< .33	ppm			WG424733	06/04/09 13:12
Fluorene	< .33	ppm			WG424733	06/04/09 13:12
Indeno(1,2,3-cd)pyrene	< .33	ppm			WG424733	06/04/09 13:12
Naphthalene	< .33	ppm			WG424733	06/04/09 13:12
Phenanthrene	< .33	ppm			WG424733	06/04/09 13:12
Pyrene	< .33	ppm			WG424733	06/04/09 13:12
2-Fluorobiphenyl		% Rec.	67.88	30-120	WG424733	06/04/09 13:12
Nitrobenzene-d5		% Rec.	58.82	18-119	WG424733	06/04/09 13:12
p-Terphenyl-d14		% Rec.	74.08	23-143	WG424733	06/04/09 13:12
Beryllium	< .002	mg/l			WG425034	06/05/09 16:42
Cadmium	< .005	mg/l			WG425034	06/05/09 16:42
Chromium	< .01	mg/l			WG425034	06/05/09 16:42
Copper	< .02	mg/l			WG425034	06/05/09 16:42
Lead	< .005	mg/l			WG425034	06/05/09 16:42
Nickel	< .02	mg/l			WG425034	06/05/09 16:42
Selenium	< .02	mg/l			WG425034	06/05/09 16:42
Silver	< .01	mg/l			WG425034	06/05/09 16:42
Zinc	< .03	mg/l			WG425034	06/05/09 16:42
Diesel Range Organics (DRO)	< .1	ppm			WG425407	06/08/09 10:23
o-Terphenyl		% Rec.	107.9	50-150	WG425407	06/08/09 10:23
Antimony	< 1	mg/kg			WG424546	06/07/09 09:43
Arsenic	< 1	mg/kg			WG424546	06/07/09 09:43
Beryllium	< .1	mg/kg			WG424546	06/07/09 09:43
Cadmium	< .25	mg/kg			WG424546	06/07/09 09:43
Chromium	< .5	mg/kg			WG424546	06/07/09 09:43
Copper	< 1	mg/kg			WG424546	06/07/09 09:43
Lead	< .25	mg/kg			WG424546	06/07/09 09:43
Nickel	< 1	mg/kg			WG424546	06/07/09 09:43
Selenium	< 1	mg/kg			WG424546	06/07/09 09:43
Silver	< .5	mg/kg			WG424546	06/07/09 09:43
Thallium	< 1	mg/kg			WG424546	06/07/09 09:43
Zinc	< 1.5	mg/kg			WG424546	06/07/09 09:43
Antimony	< 1	mg/kg			WG424546	06/07/09 13:50
Arsenic	< 1	mg/kg			WG424546	06/07/09 13:50
Beryllium	< .1	mg/kg			WG424546	06/07/09 13:50
Cadmium	< .25	mg/kg			WG424546	06/07/09 13:50
Chromium	< .5	mg/kg			WG424546	06/07/09 13:50
Copper	< 1	mg/kg			WG424546	06/07/09 13:50
Lead	< .25	mg/kg			WG424546	06/07/09 13:50
Nickel	< 1	mg/kg			WG424546	06/07/09 13:50
Selenium	< 1	mg/kg			WG424546	06/07/09 13:50
Silver	< .5	mg/kg			WG424546	06/07/09 13:50
Thallium	< 1	mg/kg			WG424546	06/07/09 13:50
Zinc	< 1.5	mg/kg			WG424546	06/07/09 13:50
Arsenic	< .001	mg/l			WG425075	06/05/09 21:01

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Quality Assurance Report
Level II

June 24, 2009

L405232

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
Thallium	< .001	mg/l			WG425075	06/05/09 21:01
#6 Fuel Oil (C10-C32)	< 4	mg/kg			WG425406	06/08/09 23:38
Diesel (C7-C26)	< 4	mg/kg			WG425406	06/08/09 23:38
Hydraulic Fluid (C12-C33)	< 4	mg/kg			WG425406	06/08/09 23:38
Kerosene (C9-C16)	< 4	mg/kg			WG425406	06/08/09 23:38
Mineral Spirits	< 4	mg/kg			WG425406	06/08/09 23:38
Motor Oil (C16-C40)	< 10	mg/kg			WG425406	06/08/09 23:38
o-Terphenyl		% Rec.	101.9	50-150	WG425406	06/08/09 23:38
1,1,1-Trichloroethane	< .001	mg/kg			WG425508	06/08/09 14:53
1,1,2,2-Tetrachloroethane	< .001	mg/kg			WG425508	06/08/09 14:53
1,1,2-Trichloroethane	< .001	mg/kg			WG425508	06/08/09 14:53
1,1,2-Trichloro-1,2,2-trifluoroethane	< .001	mg/kg			WG425508	06/08/09 14:53
1,1-Dichloroethane	< .001	mg/kg			WG425508	06/08/09 14:53
1,1-Dichloroethene	< .001	mg/kg			WG425508	06/08/09 14:53
1,2,3-Trichlorobenzene	< .001	mg/kg			WG425508	06/08/09 14:53
1,2,4-Trichlorobenzene	< .001	mg/kg			WG425508	06/08/09 14:53
1,2-Dibromo-3-Chloropropane	< .005	mg/kg			WG425508	06/08/09 14:53
1,2-Dibromoethane	< .001	mg/kg			WG425508	06/08/09 14:53
1,2-Dichlorobenzene	< .001	mg/kg			WG425508	06/08/09 14:53
1,2-Dichloroethane	< .001	mg/kg			WG425508	06/08/09 14:53
1,2-Dichloropropane	< .001	mg/kg			WG425508	06/08/09 14:53
1,3-Dichlorobenzene	< .001	mg/kg			WG425508	06/08/09 14:53
1,4-Dichlorobenzene	< .001	mg/kg			WG425508	06/08/09 14:53
2-Butanone (MEK)	< .01	mg/kg			WG425508	06/08/09 14:53
2-Hexanone	< .01	mg/kg			WG425508	06/08/09 14:53
4-Methyl-2-pentanone (MIBK)	< .01	mg/kg			WG425508	06/08/09 14:53
Acetone	< .05	mg/kg			WG425508	06/08/09 14:53
Benzene	< .001	mg/kg			WG425508	06/08/09 14:53
Bromochloromethane	< .001	mg/kg			WG425508	06/08/09 14:53
Bromodichloromethane	< .001	mg/kg			WG425508	06/08/09 14:53
Bromoform	< .001	mg/kg			WG425508	06/08/09 14:53
Bromomethane	< .005	mg/kg			WG425508	06/08/09 14:53
Carbon disulfide	< .001	mg/kg			WG425508	06/08/09 14:53
Carbon tetrachloride	< .001	mg/kg			WG425508	06/08/09 14:53
Chlorobenzene	< .001	mg/kg			WG425508	06/08/09 14:53
Chlorodibromomethane	< .001	mg/kg			WG425508	06/08/09 14:53
Chloroethane	< .005	mg/kg			WG425508	06/08/09 14:53
Chloroform	< .005	mg/kg			WG425508	06/08/09 14:53
Chloromethane	< .001	mg/kg			WG425508	06/08/09 14:53
cis-1,2-Dichloroethene	< .001	mg/kg			WG425508	06/08/09 14:53
cis-1,3-Dichloropropene	< .001	mg/kg			WG425508	06/08/09 14:53
Dichlorodifluoromethane	< .005	mg/kg			WG425508	06/08/09 14:53
Ethylbenzene	< .001	mg/kg			WG425508	06/08/09 14:53
Isopropylbenzene	< .001	mg/kg			WG425508	06/08/09 14:53
Methyl tert-butyl ether	< .001	mg/kg			WG425508	06/08/09 14:53
Methylene Chloride	< .005	mg/kg			WG425508	06/08/09 14:53
Styrene	< .001	mg/kg			WG425508	06/08/09 14:53
Tetrachloroethene	< .001	mg/kg			WG425508	06/08/09 14:53
Toluene	< .005	mg/kg			WG425508	06/08/09 14:53
trans-1,2-Dichloroethene	< .001	mg/kg			WG425508	06/08/09 14:53
trans-1,3-Dichloropropene	< .001	mg/kg			WG425508	06/08/09 14:53
Trichloroethene	< .001	mg/kg			WG425508	06/08/09 14:53
Trichlorofluoromethane	< .005	mg/kg			WG425508	06/08/09 14:53
Vinyl chloride	< .001	mg/kg			WG425508	06/08/09 14:53
4-Bromofluorobenzene		% Rec.	108.8	59-140	WG425508	06/08/09 14:53

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Level II

June 24, 2009

L405232

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
Dibromofluoromethane		% Rec.	103.1	63-139		06/08/09 14:53
Toluene-d8		% Rec.	104.8	84-116		06/08/09 14:53
Beryllium,Dissolved	< .002	mg/l			WG425440	06/08/09 16:44
Cadmium,Dissolved	< .005	mg/l			WG425440	06/08/09 16:44
Chromium,Dissolved	< .01	mg/l			WG425440	06/08/09 16:44
Copper,Dissolved	< .02	mg/l			WG425440	06/08/09 16:44
Lead,Dissolved	< .005	mg/l			WG425440	06/08/09 16:44
Nickel,Dissolved	< .02	mg/l			WG425440	06/08/09 16:44
Selenium,Dissolved	< .02	mg/l			WG425440	06/08/09 16:44
Silver,Dissolved	< .01	mg/l			WG425440	06/08/09 16:44
Zinc,Dissolved	< .03	mg/l			WG425440	06/08/09 16:44
Antimony,Dissolved	< .001	mg/l			WG425437	06/09/09 01:37
Arsenic,Dissolved	< .001	mg/l			WG425437	06/09/09 01:37
Thallium,Dissolved	< .001	mg/l			WG425437	06/09/09 01:37
Mercury,Dissolved	< .0002	mg/l			WG425098	06/09/09 14:29
#6 Fuel Oil (C10-C32)	< 4	mg/kg			WG425725	06/10/09 11:08
Diesel (C7-C26)	< 4	mg/kg			WG425725	06/10/09 11:08
Hydraulic Fluid (C12-C33)	< 4	mg/kg			WG425725	06/10/09 11:08
Kerosene (C9-C16)	< 4	mg/kg			WG425725	06/10/09 11:08
Mineral Spirits	< 4	mg/kg			WG425725	06/10/09 11:08
Motor Oil (C16-C40)	< 10	mg/kg			WG425725	06/10/09 11:08
o-Terphenyl		% Rec.	113.1	50-150	WG425725	06/10/09 11:08
Antimony	< .001	mg/l			WG426003	06/11/09 05:44
1,4-Dioxane	< .004	mg/l			WG427744	06/22/09 21:21
4-Bromofluorobenzene		% Rec.	91.74	75-128	WG427744	06/22/09 21:21
Dibromofluoromethane		% Rec.	101.1	79-125	WG427744	06/22/09 21:21
Toluene-d8		% Rec.	95.38	87-114	WG427744	06/22/09 21:21

Analyte	Units	Result	Duplicate		RPD	Limit	Ref Samp	Batch
			Duplicate					
Total Solids	%	89.1	88.9		0.173	5	L405232-07	WG424697
Mercury	mg/l	0.00	0.00		0.00	20	L405382-10	WG424613
Mercury	mg/kg	0.00	0.00		0.00	20	L405194-04	WG424552
Beryllium	mg/l	0.00	0.000650	NA		20	L405758-01	WG425034
Cadmium	mg/l	0.00	0.00118	NA		20	L405758-01	WG425034
Chromium	mg/l	0.00	0.000200	NA		20	L405758-01	WG425034
Copper	mg/l	0.00	0.00	0.00		20	L405758-01	WG425034
Lead	mg/l	0.00	0.00	0.00		20	L405758-01	WG425034
Nickel	mg/l	0.00	0.00160	NA		20	L405758-01	WG425034
Selenium	mg/l	0.0341	0.0156	74.4*		20	L405758-01	WG425034
Silver	mg/l	0.00	0.00	0.00		20	L405758-01	WG425034
Zinc	mg/l	0.00	0.0140	NA		20	L405758-01	WG425034

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Level II**

June 24, 2009

L405232

Analyte	Units	Duplicate		RPD	Limit	Ref Samp	Batch
		Result	Duplicate				
Antimony	mg/kg	0.00	0.00	0.00	20	L405194-02	WG424546
Arsenic	mg/kg	2.80	3.10	10.2	20	L405194-02	WG424546
Beryllium	mg/kg	0.798	0.767	3.96	20	L405194-02	WG424546
Cadmium	mg/kg	0.00	0.00	0.00	20	L405194-02	WG424546
Chromium	mg/kg	16.6	17.0	2.38	20	L405194-02	WG424546
Copper	mg/kg	13.0	12.0	8.00	20	L405194-02	WG424546
Lead	mg/kg	5.28	5.00	5.45	20	L405194-02	WG424546
Nickel	mg/kg	16.6	16.0	3.68	20	L405194-02	WG424546
Selenium	mg/kg	0.00	0.00	0.00	20	L405194-02	WG424546
Silver	mg/kg	0.00	0.00	0.00	20	L405194-02	WG424546
Zinc	mg/kg	29.5	28.6	3.10	20	L405194-02	WG424546
Thallium	mg/kg	0.00	0.00	0.00	20	L405194-02	WG424546
Arsenic	mg/l	0.00120	0.00118	1.68	20	L405710-01	WG425075
Thallium	mg/l	0.00	0.0000800	NA	20	L405710-01	WG425075
Beryllium, Dissolved	mg/l	0.00	0.000180	NA	20	L406228-04	WG425440
Cadmium, Dissolved	mg/l	0.00	0.00	0.00	20	L406228-04	WG425440
Chromium, Dissolved	mg/l	0.00	0.00210	NA	20	L406228-04	WG425440
Copper, Dissolved	mg/l	0.00	0.00	0.00	20	L406228-04	WG425440
Lead, Dissolved	mg/l	0.00	0.00	0.00	20	L406228-04	WG425440
Nickel, Dissolved	mg/l	0.00	0.00	0.00	20	L406228-04	WG425440
Selenium, Dissolved	mg/l	0.00	0.00430	NA	20	L406228-04	WG425440
Silver, Dissolved	mg/l	0.00	0.00	0.00	20	L406228-04	WG425440
Zinc, Dissolved	mg/l	0.00	0.00250	NA	20	L406228-04	WG425440
Mercury, Dissolved	mg/l	0.00	0.00	0.00	20	L405337-01	WG425098
Antimony	mg/l	0.00	0.000390	NA	20	L405382-02	WG426003

Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
1-Methylnaphthalene	ppm	.001	0.000729	72.9	30-123	WG424509
2-Chloronaphthalene	ppm	.001	0.000735	73.5	34-120	WG424509
2-Methylnaphthalene	ppm	.001	0.000677	67.7	29-116	WG424509
Acenaphthene	ppm	.001	0.000805	80.5	40-113	WG424509
Acenaphthylene	ppm	.001	0.000784	78.4	36-115	WG424509
Anthracene	ppm	.001	0.000908	90.8	45-118	WG424509
Benzo(a)anthracene	ppm	.001	0.000957	95.7	36-129	WG424509
Benzo(a)pyrene	ppm	.001	0.000964	96.4	44-124	WG424509
Benzo(b)fluoranthene	ppm	.001	0.000953	95.3	43-126	WG424509
Benzo(g,h,i)perylene	ppm	.001	0.000936	93.6	39-128	WG424509
Benzo(k)fluoranthene	ppm	.001	0.000972	97.2	44-127	WG424509
Chrysene	ppm	.001	0.000852	85.2	36-137	WG424509
Dibenz(a,h)anthracene	ppm	.001	0.000950	95.0	39-129	WG424509
Fluoranthene	ppm	.001	0.000914	91.4	45-123	WG424509
Fluorene	ppm	.001	0.000850	85.0	41-118	WG424509
Indeno(1,2,3-cd)pyrene	ppm	.001	0.000949	94.9	39-129	WG424509
Naphthalene	ppm	.001	0.000678	67.8	26-111	WG424509
Phenanthrene	ppm	.001	0.000872	87.2	41-116	WG424509
Pyrene	ppm	.001	0.000879	87.9	32-136	WG424509
2-Fluorobiphenyl				73.03	26-122	WG424509
Nitrobenzene-d5				68.24	12-120	WG424509
p-Terphenyl-d14				100.7	34-149	WG424509

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Quality Assurance Report
Level II

L405232

June 24, 2009

Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
1,1,1-Trichloroethane	mg/l	.05	0.0405	81.1	67-137	WG424513
1,1,2,2-Tetrachloroethane	mg/l	.05	0.0529	106.	72-128	WG424513
1,1,2-Trichloroethane	mg/l	.05	0.0466	93.2	79-123	WG424513
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	.05	0.0381	76.1	51-149	WG424513
1,1-Dichloroethane	mg/l	.05	0.0426	85.1	67-133	WG424513
1,1-Dichloroethene	mg/l	.05	0.0376	75.2	60-130	WG424513
1,2,3-Trichlorobenzene	mg/l	.05	0.0402	80.4	63-138	WG424513
1,2,4-Trichlorobenzene	mg/l	.05	0.0385	76.9	65-137	WG424513
1,2-Dibromo-3-Chloropropane	mg/l	.05	0.0461	92.2	55-134	WG424513
1,2-Dibromoethane	mg/l	.05	0.0455	91.0	75-126	WG424513
1,2-Dichlorobenzene	mg/l	.05	0.0416	83.2	75-122	WG424513
1,2-Dichloroethane	mg/l	.05	0.0408	81.6	63-137	WG424513
1,2-Dichloropropane	mg/l	.05	0.0490	98.0	74-122	WG424513
1,3-Dichlorobenzene	mg/l	.05	0.0511	102.	73-131	WG424513
1,4-Dichlorobenzene	mg/l	.05	0.0383	76.7	70-121	WG424513
2-Butanone (MEK)	mg/l	.25	0.227	90.9	53-132	WG424513
2-Hexanone	mg/l	.25	0.288	115.	56-147	WG424513
4-Methyl-2-pentanone (MIBK)	mg/l	.25	0.287	115.	60-142	WG424513
Acetone	mg/l	.25	0.292	117.	48-134	WG424513
Benzene	mg/l	.05	0.0382	76.5	67-126	WG424513
Bromochloromethane	mg/l	.05	0.0450	89.9	75-128	WG424513
Bromodichloromethane	mg/l	.05	0.0479	95.8	68-133	WG424513
Bromoform	mg/l	.05	0.0569	114.	60-139	WG424513
Bromomethane	mg/l	.05	0.0341	68.2	45-175	WG424513
Carbon disulfide	mg/l	.05	0.0176	35.2*	41-148	WG424513
Carbon tetrachloride	mg/l	.05	0.0389	77.8	64-141	WG424513
Chlorobenzene	mg/l	.05	0.0447	89.3	77-125	WG424513
Chlorodibromomethane	mg/l	.05	0.0487	97.3	73-138	WG424513
Chloroethane	mg/l	.05	0.0371	74.2	49-155	WG424513
Chloroform	mg/l	.05	0.0426	85.3	66-126	WG424513
Chloromethane	mg/l	.05	0.0317	63.4	45-152	WG424513
cis-1,2-Dichloroethene	mg/l	.05	0.0431	86.2	72-128	WG424513
cis-1,3-Dichloropropene	mg/l	.05	0.0446	89.1	73-131	WG424513
Dichlorodifluoromethane	mg/l	.05	0.0380	76.0	39-189	WG424513
Ethylbenzene	mg/l	.05	0.0438	87.7	76-129	WG424513
Isopropylbenzene	mg/l	.05	0.0467	93.5	73-132	WG424513
Methyl tert-butyl ether	mg/l	.05	0.0464	92.8	51-142	WG424513
Methylene Chloride	mg/l	.05	0.0392	78.4	64-125	WG424513
Styrene	mg/l	.05	0.0472	94.5	78-130	WG424513
Tetrachloroethene	mg/l	.05	0.0383	76.6	67-135	WG424513
Toluene	mg/l	.05	0.0389	77.9	72-122	WG424513
trans-1,2-Dichloroethene	mg/l	.05	0.0340	68.1	67-129	WG424513
trans-1,3-Dichloropropene	mg/l	.05	0.0451	90.2	66-137	WG424513
Trichloroethene	mg/l	.05	0.0418	83.6	74-126	WG424513
Trichlorofluoromethane	mg/l	.05	0.0375	75.0	54-156	WG424513
Vinyl chloride	mg/l	.05	0.0315	63.0	55-153	WG424513
4-Bromofluorobenzene				113.0	75-128	WG424513
Dibromofluoromethane				97.96	79-125	WG424513
Toluene-d8				103.0	87-114	WG424513
PCB 1260	mg/kg	.167	0.118	70.8	62-131	WG424512
Decachlorobiphenyl				83.57	18.9-115.8	WG424512
Tetrachloro-m-xylene				90.52	31.8-115.7	WG424512
1,1,1-Trichloroethane	mg/l	.05	0.0499	99.9	67-137	WG424709
1,1,2,2-Tetrachloroethane	mg/l	.05	0.0532	106.	72-128	WG424709
1,1,2-Trichloroethane	mg/l	.05	0.0512	102.	79-123	WG424709

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Quality Assurance Report Level II

L405232

June 24, 2009

Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	.05	0.0422	84.4	51-149	WG424709
1,1-Dichloroethane	mg/l	.05	0.0495	98.9	67-133	WG424709
1,1-Dichloroethene	mg/l	.05	0.0423	84.6	60-130	WG424709
1,2,3-Trichlorobenzene	mg/l	.05	0.0552	110.	63-138	WG424709
1,2,4-Trichlorobenzene	mg/l	.05	0.0578	116.	65-137	WG424709
1,2-Dibromo-3-Chloropropane	mg/l	.05	0.0518	104.	55-134	WG424709
1,2-Dibromoethane	mg/l	.05	0.0534	107.	75-126	WG424709
1,2-Dichlorobenzene	mg/l	.05	0.0498	99.6	75-122	WG424709
1,2-Dichloroethane	mg/l	.05	0.0497	99.4	63-137	WG424709
1,2-Dichloropropane	mg/l	.05	0.0522	104.	74-122	WG424709
1,3-Dichlorobenzene	mg/l	.05	0.0485	97.0	73-131	WG424709
1,4-Dichlorobenzene	mg/l	.05	0.0483	96.7	70-121	WG424709
2-Butanone (MEK)	mg/l	.25	0.284	114.	53-132	WG424709
2-Hexanone	mg/l	.25	0.298	119.	56-147	WG424709
4-Methyl-2-pentanone (MIBK)	mg/l	.25	0.292	117.	60-142	WG424709
Acetone	mg/l	.25	0.269	107.	48-134	WG424709
Benzene	mg/l	.05	0.0474	94.7	67-126	WG424709
Bromochloromethane	mg/l	.05	0.0478	95.7	75-128	WG424709
Bromodichloromethane	mg/l	.05	0.0522	104.	68-133	WG424709
Bromoform	mg/l	.05	0.0487	97.4	60-139	WG424709
Bromomethane	mg/l	.05	0.0374	74.7	45-175	WG424709
Carbon disulfide	mg/l	.05	0.0416	83.2	41-148	WG424709
Carbon tetrachloride	mg/l	.05	0.0435	87.0	64-141	WG424709
Chlorobenzene	mg/l	.05	0.0490	98.1	77-125	WG424709
Chlorodibromomethane	mg/l	.05	0.0560	112.	73-138	WG424709
Chloroethane	mg/l	.05	0.0408	81.7	49-155	WG424709
Chloroform	mg/l	.05	0.0478	95.7	66-126	WG424709
Chloromethane	mg/l	.05	0.0453	90.7	45-152	WG424709
cis-1,2-Dichloroethene	mg/l	.05	0.0477	95.4	72-128	WG424709
cis-1,3-Dichloropropene	mg/l	.05	0.0540	108.	73-131	WG424709
Dichlorodifluoromethane	mg/l	.05	0.0523	105.	39-189	WG424709
Ethylbenzene	mg/l	.05	0.0487	97.3	76-129	WG424709
Isopropylbenzene	mg/l	.05	0.0485	97.0	73-132	WG424709
Methyl tert-butyl ether	mg/l	.05	0.0506	101.	51-142	WG424709
Methylene Chloride	mg/l	.05	0.0486	97.1	64-125	WG424709
Styrene	mg/l	.05	0.0530	106.	78-130	WG424709
Tetrachloroethene	mg/l	.05	0.0491	98.1	67-135	WG424709
Toluene	mg/l	.05	0.0483	96.7	72-122	WG424709
trans-1,2-Dichloroethene	mg/l	.05	0.0498	99.6	67-129	WG424709
trans-1,3-Dichloropropene	mg/l	.05	0.0550	110.	66-137	WG424709
Trichloroethene	mg/l	.05	0.0503	101.	74-126	WG424709
Trichlorofluoromethane	mg/l	.05	0.0463	92.6	54-156	WG424709
Vinyl chloride	mg/l	.05	0.0453	90.7	55-153	WG424709
4-Bromofluorobenzene				102.6	75-128	WG424709
Dibromofluoromethane				101.1	79-125	WG424709
Toluene-d8				103.5	87-114	WG424709
Diesel (C7-C26)	mg/l	.75	0.610	81.3	50-150	WG424561
Motor Oil (C16-C40)	mg/l	.75	0.719	95.8	50-150	WG424561
o-Terphenyl				87.34	50-150	WG424561
1,2,4,5-Tetrachlorobenzene	ppm	.01	0.00710	71.0	39-116	WG424808
2,4,5-Trichlorophenol	ppm	.01	0.00880	88.0	48-120	WG424808
2,4,6-Trichlorophenol	ppm	.01	0.00678	67.8	49-118	WG424808
2,4-Dichlorophenol	ppm	.01	0.00737	73.7	46-115	WG424808
2,4-Dimethylphenol	ppm	.01	0.0122	122.	40-124	WG424808
2,4-Dinitrophenol	ppm	.01	0.00263	26.3	10-125	WG424808

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Quality Assurance Report
Level II

L405232

June 24, 2009

Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
2,4-Dinitrotoluene	ppm	.01	0.00919	91.9	56-128	WG424808
2,6-Dinitrotoluene	ppm	.01	0.00884	88.4	56-121	WG424808
2-Chloronaphthalene	ppm	.01	0.00815	81.5	44-110	WG424808
2-Chlorophenol	ppm	.01	0.00624	62.4	38-114	WG424808
2-Methylnaphthalene	ppm	.01	0.00807	80.7	28-122	WG424808
2-Methylphenol	ppm	.01	0.00573	57.3	42-99	WG424808
2-Nitroaniline	ppm	.01	0.00852	85.2	55-124	WG424808
2-Nitrophenol	ppm	.01	0.00726	72.6	35-118	WG424808
3&4-methyl phenol	ppm	.01	0.00536	53.6	36-102	WG424808
3,3-Dichlorobenzidine	ppm	.01	0.00770	77.0	46-145	WG424808
3-Nitroaniline	ppm	.01	0.00867	86.7	39-141	WG424808
4,6-Dinitro-2-methylphenol	ppm	.01	0.00496	49.6	24-119	WG424808
4-Bromophenyl-phenylether	ppm	.01	0.00755	75.5	45-105	WG424808
4-Chloro-3-methylphenol	ppm	.01	0.00726	72.6	47-116	WG424808
4-Chloroaniline	ppm	.01	0.00722	72.2	21-151	WG424808
4-Chlorophenyl-phenylether	ppm	.01	0.00929	92.9	49-116	WG424808
4-Nitroaniline	ppm	.01	0.00959	95.9	43-144	WG424808
4-Nitrophenol	ppm	.01	0.00162	16.2	10-66	WG424808
Acenaphthene	ppm	.01	0.00830	83.0	48-110	WG424808
Acenaphthylene	ppm	.01	0.00879	87.9	48-113	WG424808
Acetophenone	ppm	.01	0.00600	60.0	35-98	WG424808
Anthracene	ppm	.01	0.00911	91.1	55-127	WG424808
Atrazine	ppm	.01	0.00911	91.1	43-159	WG424808
Benzaldehyde	ppm	.01	0.00604	60.4	1-78	WG424808
Benzo(a)anthracene	ppm	.01	0.00865	86.5	57-115	WG424808
Benzo(a)pyrene	ppm	.01	0.00876	87.6	63-125	WG424808
Benzo(b)fluoranthene	ppm	.01	0.00760	76.0	50-123	WG424808
Benzo(g,h,i)perylene	ppm	.01	0.00775	77.5	39-143	WG424808
Benzo(k)fluoranthene	ppm	.01	0.00876	87.6	45-126	WG424808
Benzylbutyl phthalate	ppm	.01	0.00659	65.9	22-154	WG424808
Biphenyl	ppm	.01	0.00841	84.1	45-111	WG424808
Bis(2-chlorethoxy)methane	ppm	.01	0.00844	84.4	42-116	WG424808
Bis(2-chloroethyl)ether	ppm	.01	0.00743	74.3	26-115	WG424808
Bis(2-chloroisopropyl)ether	ppm	.01	0.00705	70.5	32-115	WG424808
Bis(2-ethylhexyl)phthalate	ppm	.01	0.00912	91.2	47-143	WG424808
Caprolactam	ppm	.01	0.00154	15.4	11-33	WG424808
Carbazole	ppm	.01	0.00844	84.4	49-133	WG424808
Chrysene	ppm	.01	0.00881	88.1	58-113	WG424808
Di-n-butyl phthalate	ppm	.01	0.00841	84.1	51-131	WG424808
Di-n-octyl phthalate	ppm	.01	0.00907	90.7	51-138	WG424808
Dibenz(a,h)anthracene	ppm	.01	0.00758	75.8	39-144	WG424808
Dibenzofuran	ppm	.01	0.00887	88.7	50-121	WG424808
Diethyl phthalate	ppm	.01	0.00779	77.9	36-128	WG424808
Dimethyl phthalate	ppm	.01	0.00577	57.7	10-135	WG424808
Fluoranthene	ppm	.01	0.00860	86.0	53-119	WG424808
Fluorene	ppm	.01	0.00887	88.7	49-116	WG424808
Hexachloro-1,3-butadiene	ppm	.01	0.00745	74.5	21-116	WG424808
Hexachlorobenzene	ppm	.01	0.00797	79.7	51-121	WG424808
Hexachlorocyclopentadiene	ppm	.01	0.00539	53.9	4-126	WG424808
Hexachloroethane	ppm	.01	0.00571	57.1	15-109	WG424808
Indeno(1,2,3-cd)pyrene	ppm	.01	0.00754	75.4	40-143	WG424808
Isophorone	ppm	.01	0.00719	71.9	48-126	WG424808
n-Nitrosodi-n-propylamine	ppm	.01	0.00680	68.0	47-122	WG424808
n-Nitrosodiphenylamine	ppm	.01	0.00912	91.2	59-143	WG424808
Naphthalene	ppm	.01	0.00700	70.0	29-103	WG424808
Nitrobenzene	ppm	.01	0.00619	61.9	31-105	WG424808
Pentachlorophenol	ppm	.01	0.00392	39.2	20-122	WG424808
Phenanthrene	ppm	.01	0.00819	81.9	54-112	WG424808
Phenol	ppm	.01	0.00289	28.9	17-52	WG424808

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Quality Assurance Report
Level II

L405232

June 24, 2009

Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
Pyrene	ppm	.01	0.00895	89.5	46-130	WG424808
2,4,6-Tribromophenol				74.09	10-148	WG424808
2-Fluorobiphenyl				79.13	26-122	WG424808
2-Fluorophenol				36.86	10-87	WG424808
Nitrobenzene-d5				56.05	12-120	WG424808
Phenol-d5				22.28	10-67	WG424808
p-Terphenyl-d14				98.79	34-149	WG424808
Total Solids	%	50	50.0	100.	85-115	WG424697
Mercury	mg/l	.003	0.00289	96.3	85-115	WG424613
Mercury	mg/kg	8.77	7.89	90.0	71.6-127.7	WG424552
1-Methylnaphthalene	ppm	.033	0.0227	68.7	41-110	WG424733
2-Chloronaphthalene	ppm	.033	0.0231	70.0	43-109	WG424733
2-Methylnaphthalene	ppm	.033	0.0225	68.3	38-104	WG424733
Acenaphthene	ppm	.033	0.0241	73.2	48-103	WG424733
Acenaphthylene	ppm	.033	0.0238	72.2	43-106	WG424733
Anthracene	ppm	.033	0.0256	77.6	51-110	WG424733
Benzo(a)anthracene	ppm	.033	0.0263	79.8	38-126	WG424733
Benzo(a)pyrene	ppm	.033	0.0262	79.5	47-118	WG424733
Benzo(b)fluoranthene	ppm	.033	0.0226	68.5	47-118	WG424733
Benzo(g,h,i)perylene	ppm	.033	0.0255	77.4	40-125	WG424733
Benzo(k)fluoranthene	ppm	.033	0.0293	88.7	45-121	WG424733
Chrysene	ppm	.033	0.0218	66.1	35-135	WG424733
Dibenz(a,h)anthracene	ppm	.033	0.0257	78.0	41-124	WG424733
Fluoranthene	ppm	.033	0.0255	77.2	50-114	WG424733
Fluorene	ppm	.033	0.0253	76.8	49-109	WG424733
Indeno(1,2,3-cd)pyrene	ppm	.033	0.0258	78.2	40-126	WG424733
Naphthalene	ppm	.033	0.0211	64.0	36-100	WG424733
Phenanthrene	ppm	.033	0.0250	75.6	46-108	WG424733
Pyrene	ppm	.033	0.0230	69.6	30-136	WG424733
2-Fluorobiphenyl				65.76	30-120	WG424733
Nitrobenzene-d5				64.19	18-119	WG424733
p-Terphenyl-d14				74.29	23-143	WG424733
Beryllium	mg/l	1.13	1.05	92.9	85-115	WG425034
Cadmium	mg/l	1.13	1.07	94.7	85-115	WG425034
Chromium	mg/l	1.13	1.04	92.0	85-115	WG425034
Copper	mg/l	1.13	1.06	93.8	85-115	WG425034
Lead	mg/l	1.13	1.08	95.6	85-115	WG425034
Nickel	mg/l	1.13	1.09	96.5	85-115	WG425034
Selenium	mg/l	1.13	1.01	89.4	85-115	WG425034
Silver	mg/l	1.13	1.05	92.9	85-115	WG425034
Zinc	mg/l	1.13	1.04	92.0	85-115	WG425034
Diesel Range Organics (DRO)	mg/l	.75	0.605	80.7	50-150	WG425407
Residual Range Organics (RRO)	mg/l	.75	0.564	75.2*	0-0	WG425407
o-Terphenyl				90.85	50-150	WG425407
Antimony	mg/kg	85.1	37.6	44.2	1.2-242.1	WG424546

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Quality Assurance Report
Level II

West Linn, OR 97068

June 24, 2009

L405232

Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
Arsenic	mg/kg	192	165.	85.9	78.6-120.8	WG424546
Beryllium	mg/kg	69.3	61.2	88.3	79.8-120.1	WG424546
Cadmium	mg/kg	70.1	60.7	86.6	78.5-121.5	WG424546
Chromium	mg/kg	168	151.	89.9	80.4-120.2	WG424546
Copper	mg/kg	122	112.	91.8	81.6-119.7	WG424546
Lead	mg/kg	113	94.5	83.6	77.3-122.1	WG424546
Nickel	mg/kg	74.1	72.1	97.3	78.8-121.2	WG424546
Selenium	mg/kg	176	154.	87.5	75.6-125.0	WG424546
Silver	mg/kg	115	98.5	85.7	66-133.9	WG424546
Thallium	mg/kg	111	96.4	86.8	77.6-122.5	WG424546
Zinc	mg/kg	437	376.	86.0	78.5-121.7	WG424546
Arsenic	mg/l	.0567	0.0541	95.4	85-115	WG425075
Thallium	mg/l	.0567	0.0552	97.4	85-115	WG425075
Diesel (C7-C26)	mg/kg	30	22.6	75.5	50-150	WG425406
Motor Oil (C16-C40)	mg/kg	30	24.1	80.3	50-150	WG425406
o-Terphenyl				84.44	50-150	WG425406
1,1,1-Trichloroethane	mg/kg	.05	0.0514	103.	62-135	WG425508
1,1,2,2-Tetrachloroethane	mg/kg	.05	0.0531	106.	74-129	WG425508
1,1,2-Trichloroethane	mg/kg	.05	0.0496	99.3	77-124	WG425508
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	.05	0.0501	100.	49-155	WG425508
1,1-Dichloroethane	mg/kg	.05	0.0524	105.	61-134	WG425508
1,1-Dichloroethene	mg/kg	.05	0.0474	94.8	53-136	WG425508
1,2,3-Trichlorobenzene	mg/kg	.05	0.0469	93.8	62-146	WG425508
1,2,4-Trichlorobenzene	mg/kg	.05	0.0472	94.4	61-148	WG425508
1,2-Dibromo-3-Chloropropane	mg/kg	.05	0.0508	102.	61-134	WG425508
1,2-Dibromoethane	mg/kg	.05	0.0494	98.7	76-127	WG425508
1,2-Dichlorobenzene	mg/kg	.05	0.0501	100.	77-123	WG425508
1,2-Dichloroethane	mg/kg	.05	0.0516	103.	58-141	WG425508
1,2-Dichloropropane	mg/kg	.05	0.0490	98.0	71-128	WG425508
1,3-Dichlorobenzene	mg/kg	.05	0.0552	110.	71-132	WG425508
1,4-Dichlorobenzene	mg/kg	.05	0.0482	96.4	72-123	WG425508
2-Butanone (MEK)	mg/kg	.25	0.252	101.	51-131	WG425508
2-Hexanone	mg/kg	.25	0.282	113.	62-145	WG425508
4-Methyl-2-pentanone (MIBK)	mg/kg	.25	0.243	97.2	61-143	WG425508
Acetone	mg/kg	.25	0.258	103.	44-140	WG425508
Benzene	mg/kg	.05	0.0501	100.	65-128	WG425508
Bromochloromethane	mg/kg	.05	0.0535	107.	73-130	WG425508
Bromodichloromethane	mg/kg	.05	0.0546	109.	66-126	WG425508
Bromoform	mg/kg	.05	0.0616	123.	64-139	WG425508
Bromomethane	mg/kg	.05	0.0679	136.	41-175	WG425508
Carbon disulfide	mg/kg	.05	0.0419	83.9	36-161	WG425508
Carbon tetrachloride	mg/kg	.05	0.0517	103.	60-140	WG425508
Chlorobenzene	mg/kg	.05	0.0498	99.6	75-125	WG425508
Chlorodibromomethane	mg/kg	.05	0.0542	108.	72-137	WG425508
Chloroethane	mg/kg	.05	0.0580	116.	44-159	WG425508
Chloroform	mg/kg	.05	0.0505	101.	63-123	WG425508
Chloromethane	mg/kg	.05	0.0548	110.	42-149	WG425508
cis-1,2-Dichloroethene	mg/kg	.05	0.0524	105.	71-129	WG425508
cis-1,3-Dichloropropene	mg/kg	.05	0.0507	101.	73-132	WG425508
Dichlorodifluoromethane	mg/kg	.05	0.0589	118.	26-186	WG425508
Ethylbenzene	mg/kg	.05	0.0490	98.0	74-128	WG425508
Isopropylbenzene	mg/kg	.05	0.0529	106.	73-130	WG425508
Methyl tert-butyl ether	mg/kg	.05	0.0525	105.	44-148	WG425508

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Level II

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Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
Methylene Chloride	mg/kg	.05	0.0500	100.	57-129	WG425508
Styrene	mg/kg	.05	0.0529	106.	76-133	WG425508
Tetrachloroethene	mg/kg	.05	0.0494	98.8	65-135	WG425508
Toluene	mg/kg	.05	0.0457	91.3	70-120	WG425508
trans-1,2-Dichloroethene	mg/kg	.05	0.0496	99.3	61-133	WG425508
trans-1,3-Dichloropropene	mg/kg	.05	0.0460	91.9	70-135	WG425508
Trichloroethene	mg/kg	.05	0.0508	102.	71-126	WG425508
Trichlorofluoromethane	mg/kg	.05	0.0646	129.	52-147	WG425508
Vinyl chloride	mg/kg	.05	0.0531	106.	50-151	WG425508
4-Bromofluorobenzene				104.7	59-140	WG425508
Dibromofluoromethane				107.3	63-139	WG425508
Toluene-d8				99.23	84-116	WG425508
Beryllium,Dissolved	mg/l	1.13	1.07	94.7	85-115	WG425440
Cadmium,Dissolved	mg/l	1.13	1.12	99.1	85-115	WG425440
Chromium,Dissolved	mg/l	1.13	1.10	97.3	85-115	WG425440
Copper,Dissolved	mg/l	1.13	1.12	99.1	85-115	WG425440
Lead,Dissolved	mg/l	1.13	1.08	95.6	85-115	WG425440
Nickel,Dissolved	mg/l	1.13	1.09	96.5	85-115	WG425440
Selenium,Dissolved	mg/l	1.13	1.01	89.4	85-115	WG425440
Silver,Dissolved	mg/l	1.13	1.08	95.6	85-115	WG425440
Zinc,Dissolved	mg/l	1.13	1.10	97.3	85-115	WG425440
Antimony,Dissolved	mg/l	.0567	0.0532	93.8	85-115	WG425437
Arsenic,Dissolved	mg/l	.0567	0.0516	91.0	85-115	WG425437
Thallium,Dissolved	mg/l	.0567	0.0534	94.2	85-115	WG425437
Mercury,Dissolved	mg/l	.003	0.00275	91.7	85-115	WG425098
Diesel (C7-C26)	mg/kg	30	23.5	78.4	50-150	WG425725
Motor Oil (C16-C40)	mg/kg	30	26.7	89.0	50-150	WG425725
o-Terphenyl				82.90	50-150	WG425725
Antimony	mg/l	.0567	0.0578	102.	85-115	WG426003
1,4-Dioxane	mg/l	.05	0.00	0.00*	70-130	WG427744
4-Bromofluorobenzene				93.54	75-128	WG427744
Dibromofluoromethane				94.81	79-125	WG427744
Toluene-d8				97.93	87-114	WG427744

Analyte	Units	Laboratory Control Sample Duplicate		%Rec	Limit	RPD	Limit	Batch
		Result	Ref					
1-Methylnaphthalene	ppm	0.000660	0.000729	66.0	30-123	9.95	32	WG424509
2-Chloronaphthalene	ppm	0.000648	0.000735	65.0	34-120	12.6	30	WG424509
2-Methylnaphthalene	ppm	0.000631	0.000677	63.0	29-116	6.98	31	WG424509
Acenaphthene	ppm	0.000690	0.000805	69.0	40-113	15.4	25	WG424509
Acenaphthylene	ppm	0.000727	0.000784	73.0	36-115	7.56	25	WG424509
Anthracene	ppm	0.000747	0.000908	75.0	45-118	19.4	26	WG424509
Benzo(a)anthracene	ppm	0.000725	0.000957	73.0	36-129	27.5*	26	WG424509
Benzo(a)pyrene	ppm	0.000779	0.000964	78.0	44-124	21.2*	21	WG424509
Benzo(b)fluoranthene	ppm	0.000660	0.000953	66.0	43-126	36.3	38	WG424509
Benzo(g,h,i)perylene	ppm	0.000806	0.000936	81.0	39-128	14.8	20	WG424509

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Quality Assurance Report
Level II

June 24, 2009

L405232

Analyte	Units	Laboratory Control		Sample Duplicate	Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
Benzo(k)fluoranthene	ppm	0.000909	0.000972	91.0	44-127	6.69	39	WG424509
Chrysene	ppm	0.000757	0.000852	76.0	36-137	11.8	22	WG424509
Dibenz(a,h)anthracene	ppm	0.000791	0.000950	79.0	39-129	18.2	20	WG424509
Fluoranthene	ppm	0.000730	0.000914	73.0	45-123	22.3	25	WG424509
Fluorene	ppm	0.000774	0.000850	77.0	41-118	9.39	26	WG424509
Indeno(1,2,3-cd)pyrene	ppm	0.000772	0.000949	77.0	39-129	20.6*	20	WG424509
Naphthalene	ppm	0.000593	0.000678	59.0	26-111	13.3	32	WG424509
Phenanthrene	ppm	0.000720	0.000872	72.0	41-116	19.1	25	WG424509
Pyrene	ppm	0.000729	0.000879	73.0	32-136	18.6	22	WG424509
2-Fluorobiphenyl				64.78	26-122			WG424509
Nitrobenzene-d5				54.23	12-120			WG424509
p-Terphenyl-d14				77.82	34-149			WG424509
1,1,1-Trichloroethane	mg/l	0.0392	0.0405	78.0	67-137	3.30	20	WG424513
1,1,2,2-Tetrachloroethane	mg/l	0.0480	0.0529	96.0	72-128	9.69	20	WG424513
1,1,2-Trichloroethane	mg/l	0.0467	0.0466	93.0	79-123	0.216	20	WG424513
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	0.0365	0.0381	73.0	51-149	4.10	20	WG424513
1,1-Dichloroethane	mg/l	0.0411	0.0426	82.0	67-133	3.48	20	WG424513
1,1-Dichloroethene	mg/l	0.0335	0.0376	67.0	60-130	11.5	20	WG424513
1,2,3-Trichlorobenzene	mg/l	0.0436	0.0402	87.0	63-138	8.17	20	WG424513
1,2,4-Trichlorobenzene	mg/l	0.0419	0.0385	84.0	65-137	8.54	20	WG424513
1,2-Dibromo-3-Chloropropane	mg/l	0.0474	0.0461	95.0	55-134	2.84	20	WG424513
1,2-Dibromoethane	mg/l	0.0440	0.0455	88.0	75-126	3.37	20	WG424513
1,2-Dichlorobenzene	mg/l	0.0418	0.0416	84.0	75-122	0.427	20	WG424513
1,2-Dichloroethane	mg/l	0.0403	0.0408	81.0	63-137	1.19	20	WG424513
1,2-Dichloropropane	mg/l	0.0500	0.0490	100.	74-122	1.94	20	WG424513
1,3-Dichlorobenzene	mg/l	0.0471	0.0511	94.0	73-131	8.14	20	WG424513
1,4-Dichlorobenzene	mg/l	0.0393	0.0383	79.0	70-121	2.55	20	WG424513
2-Butanone (MEK)	mg/l	0.210	0.227	84.0	53-132	7.84	20	WG424513
2-Hexanone	mg/l	0.261	0.288	104.	56-147	9.88	20	WG424513
4-Methyl-2-pentanone (MIBK)	mg/l	0.271	0.287	108.	60-142	5.81	20	WG424513
Acetone	mg/l	0.267	0.292	107.	48-134	8.97	20	WG424513
Benzene	mg/l	0.0378	0.0382	76.0	67-126	1.29	20	WG424513
Bromochloromethane	mg/l	0.0438	0.0450	88.0	75-128	2.60	20	WG424513
Bromodichloromethane	mg/l	0.0473	0.0479	95.0	68-133	1.36	20	WG424513
Bromoform	mg/l	0.0528	0.0569	106.	60-139	7.57	20	WG424513
Bromomethane	mg/l	0.0333	0.0341	67.0	45-175	2.53	20	WG424513
Carbon disulfide	mg/l	0.0159	0.0176	32*	41-148	10.1	20	WG424513
Carbon tetrachloride	mg/l	0.0370	0.0389	74.0	64-141	4.91	20	WG424513
Chlorobenzene	mg/l	0.0436	0.0447	87.0	77-125	2.31	20	WG424513
Chlorodibromomethane	mg/l	0.0484	0.0487	97.0	73-138	0.542	20	WG424513
Chloroethane	mg/l	0.0353	0.0371	71.0	49-155	5.00	20	WG424513
Chloroform	mg/l	0.0415	0.0426	83.0	66-126	2.65	20	WG424513
Chloromethane	mg/l	0.0300	0.0317	60.0	45-152	5.52	20	WG424513
cis-1,2-Dichloroethene	mg/l	0.0414	0.0431	83.0	72-128	4.05	20	WG424513
cis-1,3-Dichloropropene	mg/l	0.0440	0.0446	88.0	73-131	1.22	20	WG424513
Dichlorodifluoromethane	mg/l	0.0343	0.0380	69.0	39-189	10.3	24	WG424513
Ethylbenzene	mg/l	0.0421	0.0438	84.0	76-129	4.07	20	WG424513
Isopropylbenzene	mg/l	0.0436	0.0467	87.0	73-132	6.94	20	WG424513
Methyl tert-butyl ether	mg/l	0.0445	0.0464	89.0	51-142	4.22	20	WG424513
Methylene Chloride	mg/l	0.0367	0.0392	73.0	64-125	6.56	20	WG424513
Styrene	mg/l	0.0451	0.0472	90.0	78-130	4.64	20	WG424513
Tetrachloroethene	mg/l	0.0383	0.0383	77.0	67-135	0.0878	20	WG424513
Toluene	mg/l	0.0390	0.0389	78.0	72-122	0.220	20	WG424513
trans-1,2-Dichloroethene	mg/l	0.0330	0.0340	66*	67-129	3.25	20	WG424513
trans-1,3-Dichloropropene	mg/l	0.0455	0.0451	91.0	66-137	0.933	20	WG424513
Trichloroethene	mg/l	0.0413	0.0418	83.0	74-126	1.28	20	WG424513
Trichlorofluoromethane	mg/l	0.0337	0.0375	67.0	54-156	10.6	20	WG424513

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Analyte	Units	Laboratory Control		Sample Duplicate	Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
Vinyl chloride	mg/l	0.0296	0.0315	59.0	55-153	6.41	20	WG424513
4-Bromofluorobenzene				102.6	75-128			WG424513
Dibromofluoromethane				96.13	79-125			WG424513
Toluene-d8				104.3	87-114			WG424513
PCB 1260	mg/kg	0.126	0.118	76.0	62-131	6.53	22	WG424512
Decachlorobiphenyl				88.71	18.9-115.8			WG424512
Tetrachloro-m-xylene				90.93	31.8-115.7			WG424512
1,1,1-Trichloroethane	mg/l	0.0450	0.0499	90.0	67-137	10.5	20	WG424709
1,1,2,2-Tetrachloroethane	mg/l	0.0525	0.0532	105.	72-128	1.30	20	WG424709
1,1,2-Trichloroethane	mg/l	0.0486	0.0512	97.0	79-123	5.23	20	WG424709
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	0.0373	0.0422	75.0	51-149	12.4	20	WG424709
1,1-Dichloroethane	mg/l	0.0460	0.0495	92.0	67-133	7.16	20	WG424709
1,1-Dichloroethene	mg/l	0.0387	0.0423	77.0	60-130	8.89	20	WG424709
1,2,3-Trichlorobenzene	mg/l	0.0543	0.0552	109.	63-138	1.69	20	WG424709
1,2,4-Trichlorobenzene	mg/l	0.0550	0.0578	110.	65-137	4.85	20	WG424709
1,2-Dibromo-3-Chloropropane	mg/l	0.0481	0.0518	96.0	55-134	7.27	20	WG424709
1,2-Dibromoethane	mg/l	0.0509	0.0534	102.	75-126	4.71	20	WG424709
1,2-Dichlorobenzene	mg/l	0.0474	0.0498	95.0	75-122	4.93	20	WG424709
1,2-Dichloroethene	mg/l	0.0476	0.0497	95.0	63-137	4.39	20	WG424709
1,2-Dichloropropane	mg/l	0.0491	0.0522	98.0	74-122	6.03	20	WG424709
1,3-Dichlorobenzene	mg/l	0.0456	0.0485	91.0	73-131	6.08	20	WG424709
1,4-Dichlorobenzene	mg/l	0.0461	0.0483	92.0	70-121	4.83	20	WG424709
2-Butanone (MEK)	mg/l	0.277	0.284	111.	53-132	2.77	20	WG424709
2-Hexanone	mg/l	0.286	0.298	115.	56-147	3.99	20	WG424709
4-Methyl-2-pentanone (MIBK)	mg/l	0.276	0.292	111.	60-142	5.33	20	WG424709
Acetone	mg/l	0.258	0.269	103.	48-134	3.98	20	WG424709
Benzene	mg/l	0.0444	0.0474	89.0	67-126	6.36	20	WG424709
Bromochloromethane	mg/l	0.0461	0.0478	92.0	75-128	3.76	20	WG424709
Bromodichloromethane	mg/l	0.0493	0.0522	99.0	68-133	5.74	20	WG424709
Bromoform	mg/l	0.0460	0.0487	92.0	60-139	5.80	20	WG424709
Bromomethane	mg/l	0.0325	0.0374	65.0	45-175	13.8	20	WG424709
Carbon disulfide	mg/l	0.0373	0.0416	75.0	41-148	10.8	20	WG424709
Carbon tetrachloride	mg/l	0.0394	0.0435	79.0	64-141	9.85	20	WG424709
Chlorobenzene	mg/l	0.0460	0.0490	92.0	77-125	6.43	20	WG424709
Chlorodibromomethane	mg/l	0.0535	0.0560	107.	73-138	4.73	20	WG424709
Chloroethane	mg/l	0.0408	0.0408	82.0	49-155	0.189	20	WG424709
Chloroform	mg/l	0.0449	0.0478	90.0	66-126	6.31	20	WG424709
Chloromethane	mg/l	0.0416	0.0453	83.0	45-152	8.62	20	WG424709
cis-1,2-Dichloroethene	mg/l	0.0451	0.0477	90.0	72-128	5.54	20	WG424709
cis-1,3-Dichloropropene	mg/l	0.0510	0.0540	102.	73-131	5.59	20	WG424709
Dichlorodifluoromethane	mg/l	0.0461	0.0523	92.0	39-189	12.5	24	WG424709
Ethylbenzene	mg/l	0.0456	0.0487	91.0	76-129	6.49	20	WG424709
Isopropylbenzene	mg/l	0.0455	0.0485	91.0	73-132	6.30	20	WG424709
Methyl tert-butyl ether	mg/l	0.0480	0.0506	96.0	51-142	5.21	20	WG424709
Methylene Chloride	mg/l	0.0448	0.0486	90.0	64-125	8.04	20	WG424709
Styrene	mg/l	0.0499	0.0530	100.	78-130	5.97	20	WG424709
Tetrachloroethene	mg/l	0.0444	0.0491	89.0	67-135	9.96	20	WG424709
Toluene	mg/l	0.0449	0.0483	90.0	72-122	7.32	20	WG424709
trans-1,2-Dichloroethene	mg/l	0.0463	0.0498	93.0	67-129	7.22	20	WG424709
trans-1,3-Dichloropropene	mg/l	0.0516	0.0550	103.	66-137	6.39	20	WG424709
Trichloroethene	mg/l	0.0456	0.0503	91.0	74-126	9.91	20	WG424709
Trichlorofluoromethane	mg/l	0.0426	0.0463	85.0	54-156	8.18	20	WG424709
Vinyl chloride	mg/l	0.0416	0.0453	83.0	55-153	8.50	20	WG424709
4-Bromofluorobenzene				102.7	75-128			WG424709
Dibromofluoromethane				99.49	79-125			WG424709

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Level II**

West Linn, OR 97068

June 24, 2009

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Analyte	Units	Laboratory Control		Sample Duplicate	Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
Toluene-d8				102.5	87-114			
Diesel (C7-C26)	mg/l	0.584	0.610	78.0	50-150	4.42	20	WG424561
Motor Oil (C16-C40)	mg/l	0.675	0.719	90.0	50-150	6.28	25	WG424561
o-Terphenyl				81.32	50-150			WG424561
1,2,4,5-Tetrachlorobenzene	ppm	0.00687	0.00710	69.0	39-116	3.28	33	WG424808
2,4,5-Trichlorophenol	ppm	0.00974	0.00880	97.0	48-120	10.1	29	WG424808
2,4,6-Trichlorophenol	ppm	0.00762	0.00678	76.0	49-118	11.7	28	WG424808
2,4-Dichlorophenol	ppm	0.00733	0.00737	73.0	46-115	0.557	28	WG424808
2,4-Dimethylphenol	ppm	0.0114	0.0122	114.	40-124	6.82	36	WG424808
2,4-Dinitrophenol	ppm	0.00237	0.00263	24.0	10-125	10.4	50	WG424808
2,4-Dinitrotoluene	ppm	0.00939	0.00919	94.0	56-128	2.13	24	WG424808
2,6-Dinitrotoluene	ppm	0.00829	0.00884	83.0	56-121	6.40	23	WG424808
2-Chloronaphthalene	ppm	0.00775	0.00815	77.0	44-110	5.01	30	WG424808
2-Chlorophenol	ppm	0.00554	0.00624	55.0	38-114	11.9	36	WG424808
2-Methylnaphthalene	ppm	0.00758	0.00807	76.0	28-122	6.27	36	WG424808
2-Methylphenol	ppm	0.00536	0.00573	54.0	42-99	6.70	26	WG424808
2-Nitroaniline	ppm	0.00819	0.00852	82.0	55-124	3.90	22	WG424808
2-Nitrophenol	ppm	0.00685	0.00726	69.0	35-118	5.76	35	WG424808
3&4-methyl phenol	ppm	0.00524	0.00536	52.0	36-102	2.18	31	WG424808
3,3-Dichlorobenzidine	ppm	0.00710	0.00770	71.0	46-145	8.14	31	WG424808
3-Nitroaniline	ppm	0.00780	0.00867	78.0	39-141	10.6	32	WG424808
4,6-Dinitro-2-methylphenol	ppm	0.00577	0.00496	58.0	24-119	15.1	50	WG424808
4-Bromophenyl-phenylether	ppm	0.00800	0.00755	80.0	45-105	5.80	26	WG424808
4-Chloro-3-methylphenol	ppm	0.00684	0.00726	68.0	47-116	6.01	22	WG424808
4-Chloroaniline	ppm	0.00633	0.00722	63.0	21-151	13.0	36	WG424808
4-Chlorophenyl-phenylether	ppm	0.00914	0.00929	91.0	49-116	1.64	26	WG424808
4-Nitroaniline	ppm	0.00842	0.00959	84.0	43-144	13.0	34	WG424808
4-Nitrophenol	ppm	0.00170	0.00162	17.0	10-66	5.09	37	WG424808
Acenaphthene	ppm	0.00811	0.00830	81.0	48-110	2.33	26	WG424808
Acenaphthylene	ppm	0.00831	0.00879	83.0	48-113	5.65	28	WG424808
Acetophenone	ppm	0.00545	0.00600	55.0	35-98	9.54	38	WG424808
Anthracene	ppm	0.00907	0.00911	91.0	55-127	0.437	24	WG424808
Atrazine	ppm	0.00891	0.00911	89.0	43-159	2.28	26	WG424808
Benzaldehyde	ppm	0.00497	0.00604	50.0	1-78	19.4	49	WG424808
Benzo(a)anthracene	ppm	0.00833	0.00865	83.0	57-115	3.83	20	WG424808
Benzo(a)pyrene	ppm	0.00851	0.00876	85.0	63-125	2.92	22	WG424808
Benzo(b)fluoranthene	ppm	0.00785	0.00760	78.0	50-123	3.24	32	WG424808
Benzo(g,h,i)perylene	ppm	0.00729	0.00775	73.0	39-143	6.08	31	WG424808
Benzo(k)fluoranthene	ppm	0.00872	0.00876	87.0	45-126	0.476	37	WG424808
Benzylbutyl phthalate	ppm	0.00594	0.00659	59.0	22-154	10.3	29	WG424808
Biphenyl	ppm	0.00793	0.00841	79.0	45-111	5.90	30	WG424808
Bis(2-chlorethoxy)methane	ppm	0.00775	0.00844	77.0	42-116	8.54	38	WG424808
Bis(2-chloroethyl)ether	ppm	0.00615	0.00743	61.0	26-115	18.9	50	WG424808
Bis(2-chloroisopropyl)ether	ppm	0.00607	0.00705	61.0	32-115	15.0	47	WG424808
Bis(2-ethylhexyl)phthalate	ppm	0.00898	0.00912	90.0	47-143	1.52	24	WG424808
Caprolactam	ppm	0.00141	0.00154	14.0	11-33	9.19	37	WG424808
Carbazole	ppm	0.00855	0.00844	85.0	49-133	1.30	29	WG424808
Chrysene	ppm	0.00839	0.00881	84.0	58-113	4.88	21	WG424808
Di-n-butyl phthalate	ppm	0.00775	0.00841	77.0	51-131	8.24	22	WG424808
Di-n-octyl phthalate	ppm	0.00864	0.00907	86.0	51-138	4.92	22	WG424808
Dibenz(a,h)anthracene	ppm	0.00695	0.00758	69.0	39-144	8.71	30	WG424808
Dibenzofuran	ppm	0.00863	0.00887	86.0	50-121	2.74	26	WG424808
Diethyl phthalate	ppm	0.00698	0.00779	70.0	36-128	11.0	27	WG424808
Dimethyl phthalate	ppm	0.00492	0.00577	49.0	10-135	15.9	33	WG424808
Fluoranthene	ppm	0.00883	0.00860	88.0	53-119	2.65	28	WG424808
Fluorene	ppm	0.00837	0.00887	84.0	49-116	5.75	25	WG424808
Hexachloro-1,3-butadiene	ppm	0.00635	0.00745	64.0	21-116	16.0	50	WG424808

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SLR International Corp. - West Linn, OR
Chris Kramer
1800 Blankenship Road, Suite 440

Quality Assurance Report Level II

West Linn, OR 97068

June 24, 2009

L405232

Analyte	Units	Laboratory Control		Sample Duplicate	Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
Hexachlorobenzene	ppm	0.00852	0.00797	85.0	51-121	6.69	23	WG424808
Hexachlorocyclopentadiene	ppm	0.00471	0.00539	47.0	4-126	13.4	50	WG424808
Hexachloroethane	ppm	0.00463	0.00571	46.0	15-109	21.0	50	WG424808
Indeno(1,2,3-cd)pyrene	ppm	0.00693	0.00754	69.0	40-143	8.35	30	WG424808
Isophorone	ppm	0.00677	0.00719	68.0	48-126	6.04	31	WG424808
n-Nitrosodi-n-propylamine	ppm	0.00624	0.00680	62.0	47-122	8.55	33	WG424808
n-Nitrosodiphenylamine	ppm	0.00902	0.00912	90.0	59-143	1.15	23	WG424808
Naphthalene	ppm	0.00605	0.00700	61.0	29-103	14.5	45	WG424808
Nitrobenzene	ppm	0.00538	0.00619	54.0	31-105	14.0	43	WG424808
Pentachlorophenol	ppm	0.00441	0.00392	44.0	20-122	11.7	50	WG424808
Phenanthrene	ppm	0.00816	0.00819	82.0	54-112	0.351	22	WG424808
Phenol	ppm	0.00256	0.00289	26.0	17-52	12.0	33	WG424808
Pyrene	ppm	0.00882	0.00895	88.0	46-130	1.53	28	WG424808
2,4,6-Tribromophenol				89.62	10-148			WG424808
2-Fluorobiphenyl				76.40	26-122			WG424808
2-Fluorophenol				32.15	10-87			WG424808
Nitrobenzene-d5				49.57	12-120			WG424808
Phenol-d5				20.51	10-67			WG424808
p-Terphenyl-d14				103.1	34-149			WG424808
1-Methylnaphthalene	ppm	0.0245	0.0227	74.0	41-110	7.89	24	WG424733
2-Chloronaphthalene	ppm	0.0248	0.0231	75.0	43-109	7.16	21	WG424733
2-Methylnaphthalene	ppm	0.0243	0.0225	74.0	38-104	7.48	24	WG424733
Acenaphthene	ppm	0.0258	0.0241	78.0	48-103	6.71	20	WG424733
Acenaphthylene	ppm	0.0274	0.0238	83.0	43-106	14.0	20	WG424733
Anthracene	ppm	0.0265	0.0256	80.0	51-110	3.60	22	WG424733
Benzo(a)anthracene	ppm	0.0288	0.0263	87.0	38-126	8.84	20	WG424733
Benzo(a)pyrene	ppm	0.0286	0.0262	87.0	47-118	8.55	20	WG424733
Benzo(b)fluoranthene	ppm	0.0247	0.0226	75.0	47-118	8.98	29	WG424733
Benzo(g,h,i)perylene	ppm	0.0277	0.0255	84.0	40-125	8.01	20	WG424733
Benzo(k)fluoranthene	ppm	0.0300	0.0293	91.0	45-121	2.42	31	WG424733
Chrysene	ppm	0.0239	0.0218	72.0	35-135	9.13	20	WG424733
Dibenz(a,h)anthracene	ppm	0.0277	0.0257	84.0	41-124	7.39	20	WG424733
Fluoranthene	ppm	0.0266	0.0255	81.0	50-114	4.29	20	WG424733
Fluorene	ppm	0.0272	0.0253	82.0	49-109	6.99	19	WG424733
Indeno(1,2,3-cd)pyrene	ppm	0.0275	0.0258	83.0	40-126	6.16	20	WG424733
Naphthalene	ppm	0.0232	0.0211	70.0	36-100	9.48	24	WG424733
Phenanthrene	ppm	0.0262	0.0250	79.0	46-108	4.77	21	WG424733
Pyrene	ppm	0.0250	0.0230	76.0	30-136	8.55	20	WG424733
2-Fluorobiphenyl				84.42	30-120			WG424733
Nitrobenzene-d5				71.03	18-119			WG424733
p-Terphenyl-d14				83.89	23-143			WG424733
Diesel Range Organics (DRO)	mg/l	0.654	0.605	87.0	50-150	7.83	20	WG425407
Residual Range Organics (RRO)	mg/l	0.603	0.564	80*	-	6.80*	0	WG425407
o-Terphenyl				94.08	50-150			WG425407
Diesel (C7-C26)	mg/kg	21.1	22.6	70.0	50-150	7.09	20	WG425406
Motor Oil (C16-C40)	mg/kg	23.2	24.1	77.0	50-150	3.51	25	WG425406
o-Terphenyl				83.19	50-150			WG425406
1,1,1-Trichloroethane	mg/kg	0.0509	0.0514	102.	62-135	1.02	20	WG425508
1,1,2,2-Tetrachloroethane	mg/kg	0.0566	0.0531	113.	74-129	6.48	20	WG425508
1,1,2-Trichloroethane	mg/kg	0.0526	0.0496	105.	77-124	5.80	20	WG425508
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0475	0.0501	95.0	49-155	5.42	20	WG425508

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Quality Assurance Report
Level II

West Linn, OR 97068

L405232

June 24, 2009

Analyte	Units	Laboratory Control Sample Duplicate			Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
1,1-Dichloroethane	mg/kg	0.0509	0.0524	102.	61-134	3.03	20	WG425508
1,1-Dichloroethene	mg/kg	0.0445	0.0474	89.0	53-136	6.37	20	WG425508
1,2,3-Trichlorobenzene	mg/kg	0.0506	0.0469	101.	62-146	7.63	20	WG425508
1,2,4-Trichlorobenzene	mg/kg	0.0503	0.0472	101.	61-148	6.32	20	WG425508
1,2-Dibromo-3-Chloropropane	mg/kg	0.0577	0.0508	115.	61-134	12.7	21	WG425508
1,2-Dibromoethane	mg/kg	0.0526	0.0494	105.	76-127	6.33	20	WG425508
1,2-Dichlorobenzene	mg/kg	0.0520	0.0501	104.	77-123	3.87	20	WG425508
1,2-Dichloroethane	mg/kg	0.0527	0.0516	105.	58-141	2.08	20	WG425508
1,2-Dichloropropane	mg/kg	0.0521	0.0490	104.	71-128	6.19	20	WG425508
1,3-Dichlorobenzene	mg/kg	0.0541	0.0552	108.	71-132	2.13	20	WG425508
1,4-Dichlorobenzene	mg/kg	0.0503	0.0482	101.	72-123	4.30	20	WG425508
2-Butanone (MEK)	mg/kg	0.288	0.252	115.	51-131	13.4	25	WG425508
2-Hexanone	mg/kg	0.333	0.282	133.	62-145	16.6	23	WG425508
4-Methyl-2-pentanone (MIBK)	mg/kg	0.299	0.243	120.	61-143	20.7	23	WG425508
Acetone	mg/kg	0.279	0.258	112.	44-140	7.89	25	WG425508
Benzene	mg/kg	0.0496	0.0501	99.0	65-128	0.921	20	WG425508
Bromochloromethane	mg/kg	0.0530	0.0535	106.	73-130	0.908	20	WG425508
Bromodichloromethane	mg/kg	0.0571	0.0546	114.	66-126	4.53	20	WG425508
Bromoform	mg/kg	0.0656	0.0616	131.	64-139	6.20	20	WG425508
Bromomethane	mg/kg	0.0643	0.0679	129.	41-175	5.39	20	WG425508
Carbon disulfide	mg/kg	0.0405	0.0419	81.0	36-161	3.52	20	WG425508
Carbon tetrachloride	mg/kg	0.0511	0.0517	102.	60-140	1.13	20	WG425508
Chlorobenzene	mg/kg	0.0496	0.0498	99.0	75-125	0.457	20	WG425508
Chlorodibromomethane	mg/kg	0.0563	0.0542	113.	72-137	3.75	20	WG425508
Chloroethane	mg/kg	0.0524	0.0580	105.	44-159	10.2	20	WG425508
Chloroform	mg/kg	0.0493	0.0505	99.0	63-123	2.34	20	WG425508
Chloromethane	mg/kg	0.0508	0.0548	102.	42-149	7.62	20	WG425508
cis-1,2-Dichloroethene	mg/kg	0.0515	0.0524	103.	71-129	1.58	20	WG425508
cis-1,3-Dichloropropene	mg/kg	0.0554	0.0507	111.	73-132	8.91	20	WG425508
Dichlorodifluoromethane	mg/kg	0.0549	0.0589	110.	26-186	7.03	22	WG425508
Ethylbenzene	mg/kg	0.0503	0.0490	101.	74-128	2.65	20	WG425508
Isopropylbenzene	mg/kg	0.0521	0.0529	104.	73-130	1.42	20	WG425508
Methyl tert-butyl ether	mg/kg	0.0536	0.0525	107.	44-148	2.20	20	WG425508
Methylene Chloride	mg/kg	0.0477	0.0500	95.0	57-129	4.76	20	WG425508
Styrene	mg/kg	0.0544	0.0529	109.	76-133	2.87	20	WG425508
Tetrachloroethene	mg/kg	0.0484	0.0494	97.0	65-135	1.92	20	WG425508
Toluene	mg/kg	0.0488	0.0457	98.0	70-120	6.59	20	WG425508
trans-1,2-Dichloroethene	mg/kg	0.0474	0.0496	95.0	61-133	4.51	20	WG425508
trans-1,3-Dichloropropene	mg/kg	0.0508	0.0460	102.	70-135	9.99	20	WG425508
Trichloroethene	mg/kg	0.0515	0.0508	103.	71-126	1.38	20	WG425508
Trichlorofluoromethane	mg/kg	0.0609	0.0646	122.	52-147	5.82	20	WG425508
Vinyl chloride	mg/kg	0.0494	0.0531	99.0	50-151	7.27	20	WG425508
4-Bromofluorobenzene				102.6	59-140			WG425508
Dibromofluoromethane				103.1	63-139			WG425508
Toluene-d8				102.9	84-116			WG425508
Antimony, Dissolved	mg/l	0.0538	0.0532	95.0	85-115	1.12	20	WG425437
Arsenic, Dissolved	mg/l	0.0530	0.0516	93.0	85-115	2.68	20	WG425437
Thallium, Dissolved	mg/l	0.0533	0.0534	94.0	85-115	0.187	20	WG425437
Diesel (C7-C26)	mg/kg	23.6	23.5	79.0	50-150	0.420	20	WG425725
Motor Oil (C16-C40)	mg/kg	27.2	26.7	91.0	50-150	2.01	20	WG425725
o-Terphenyl				85.53	50-150			WG425725
1,4-Dioxane	mg/l	0.00	0.00	0*	70-130	0.00	25	WG427744
4-Bromofluorobenzene				96.65	75-128			WG427744

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Quality Assurance Report
Level II

June 24, 2009

L405232

Analyte	Units	MS Res	Matrix Spike		% Rec	Limit	Ref Samp	Batch
			Ref Res	TV				
Dibromofluoromethane					93.35	79-125		
Toluene-d8					96.73	87-114		

Analyte	Units	MS Res	Matrix Spike		% Rec	Limit	Ref Samp	Batch
			Ref Res	TV				
1,1,1-Trichloroethane	mg/l	0.0401	0.00	.05	80.2	31-161	L404924-03	WG424513
1,1,2,2-Tetrachloroethane	mg/l	0.0454	0.00	.05	90.9	49-149	L404924-03	WG424513
1,1,2-Trichloroethane	mg/l	0.0455	0.00	.05	91.0	46-145	L404924-03	WG424513
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	0.0407	0.00	.05	81.4	14-168	L404924-03	WG424513
1,1-Dichloroethane	mg/l	0.0405	0.00	.05	80.9	30-159	L404924-03	WG424513
1,1-Dichloroethene	mg/l	0.0336	0.00	.05	67.3	10-162	L404924-03	WG424513
1,2,3-Trichlorobenzene	mg/l	0.0429	0.00	.05	85.8	32-143	L404924-03	WG424513
1,2,4-Trichlorobenzene	mg/l	0.0422	0.00	.05	84.3	27-142	L404924-03	WG424513
1,2-Dibromo-3-Chloropropane	mg/l	0.0449	0.00	.05	89.8	37-148	L404924-03	WG424513
1,2-Dibromoethane	mg/l	0.0430	0.00	.05	86.1	41-149	L404924-03	WG424513
1,2-Dichlorobenzene	mg/l	0.0415	0.00	.05	83.0	40-139	L404924-03	WG424513
1,2-Dichloroethane	mg/l	0.0388	0.00	.05	77.7	29-167	L404924-03	WG424513
1,2-Dichloropropane	mg/l	0.0465	0.00	.05	93.0	39-148	L404924-03	WG424513
1,3-Dichlorobenzene	mg/l	0.0460	0.00	.05	91.9	32-148	L404924-03	WG424513
1,4-Dichlorobenzene	mg/l	0.0396	0.00	.05	79.1	32-136	L404924-03	WG424513
2-Butanone (MEK)	mg/l	0.197	0.00	.25	78.6	32-151	L404924-03	WG424513
2-Hexanone	mg/l	0.242	0.00	.25	96.7	41-155	L404924-03	WG424513
4-Methyl-2-pentanone (MIBK)	mg/l	0.247	0.00	.25	99.0	40-160	L404924-03	WG424513
Acetone	mg/l	0.228	0.00	.25	91.3	25-157	L404924-03	WG424513
Benzene	mg/l	0.0372	0.00	.05	74.5	16-158	L404924-03	WG424513
Bromochloromethane	mg/l	0.0417	0.00	.05	83.4	36-154	L404924-03	WG424513
Bromodichloromethane	mg/l	0.0456	0.00	.05	91.1	45-147	L404924-03	WG424513
Bromoform	mg/l	0.0497	0.00	.05	99.4	38-152	L404924-03	WG424513
Bromomethane	mg/l	0.0328	0.00	.05	65.6	0-191	L404924-03	WG424513
Carbon disulfide	mg/l	0.0180	0.00	.05	35.9	10-166	L404924-03	WG424513
Carbon tetrachloride	mg/l	0.0381	0.00	.05	76.1	22-168	L404924-03	WG424513
Chlorobenzene	mg/l	0.0432	0.00	.05	86.4	33-148	L404924-03	WG424513
Chlorodibromomethane	mg/l	0.0466	0.00	.05	93.2	48-151	L404924-03	WG424513
Chloroethane	mg/l	0.0364	0.00	.05	72.9	4-176	L404924-03	WG424513
Chloroform	mg/l	0.0398	0.00	.05	79.6	37-147	L404924-03	WG424513
Chloromethane	mg/l	0.0307	0.00	.05	61.5	10-174	L404924-03	WG424513
cis-1,2-Dichloroethene	mg/l	0.0402	0.00	.05	80.5	29-156	L404924-03	WG424513
cis-1,3-Dichloropropene	mg/l	0.0427	0.00	.05	85.4	35-148	L404924-03	WG424513
Dichlorodifluoromethane	mg/l	0.0390	0.00	.05	77.9	0-200	L404924-03	WG424513
Ethylbenzene	mg/l	0.0427	0.00	.05	85.5	29-150	L404924-03	WG424513
Isopropylbenzene	mg/l	0.0443	0.00	.05	88.7	35-147	L404924-03	WG424513
Methyl tert-butyl ether	mg/l	0.0412	0.00	.05	82.3	24-167	L404924-03	WG424513
Methylene Chloride	mg/l	0.0355	0.00	.05	71.0	23-151	L404924-03	WG424513
Styrene	mg/l	0.0441	0.00	.05	88.2	38-149	L404924-03	WG424513
Tetrachloroethene	mg/l	0.0391	0.00	.05	78.2	13-157	L404924-03	WG424513
Toluene	mg/l	0.0389	0.00	.05	77.9	22-152	L404924-03	WG424513
trans-1,2-Dichloroethene	mg/l	0.0338	0.00	.05	67.7	11-160	L404924-03	WG424513
trans-1,3-Dichloropropene	mg/l	0.0444	0.00	.05	88.7	33-153	L404924-03	WG424513
Trichloroethene	mg/l	0.0411	0.00	.05	82.2	18-163	L404924-03	WG424513
Trichlorofluoromethane	mg/l	0.0360	0.00	.05	72.0	10-177	L404924-03	WG424513
Vinyl chloride	mg/l	0.0313	0.00	.05	62.6	0-179	L404924-03	WG424513
4-Bromofluorobenzene					104.8	75-128		WG424513
Dibromofluoromethane					95.09	79-125		WG424513
Toluene-d8					103.8	87-114		WG424513

1,1,1-Trichloroethane	mg/l	2.36	0.00	.05	94.5	31-161	L405330-06	WG424709
1,1,2,2-Tetrachloroethane	mg/l	2.59	0.00	.05	104.	49-149	L405330-06	WG424709

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Analyte	Units	MS Res	Matrix Spike			% Rec	Limit	Ref Samp	Batch
			Ref Res	TV					
1,1,2-Trichloroethane	mg/l	2.42	0.00	.05	96.9	46-145	L405330-06	WG424709	
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	2.08	0.00	.05	83.2	14-168	L405330-06	WG424709	
1,1-Dichloroethane	mg/l	2.32	0.00	.05	92.9	30-159	L405330-06	WG424709	
1,1-Dichloroethene	mg/l	1.88	0.00	.05	75.1	10-162	L405330-06	WG424709	
1,2,3-Trichlorobenzene	mg/l	2.79	0.00	.05	112.	32-143	L405330-06	WG424709	
1,2,4-Trichlorobenzene	mg/l	2.90	0.00696	.05	116.	27-142	L405330-06	WG424709	
1,2-Dibromo-3-Chloropropane	mg/l	2.40	0.00	.05	96.1	37-148	L405330-06	WG424709	
1,2-Dibromoethane	mg/l	2.42	0.00	.05	96.8	41-149	L405330-06	WG424709	
1,2-Dichlorobenzene	mg/l	2.45	0.00	.05	98.1	40-139	L405330-06	WG424709	
1,2-Dichloroethane	mg/l	2.34	0.00	.05	93.7	29-167	L405330-06	WG424709	
1,2-Dichloropropane	mg/l	2.36	0.00	.05	94.3	39-148	L405330-06	WG424709	
1,3-Dichlorobenzene	mg/l	2.33	0.00359	.05	92.9	32-148	L405330-06	WG424709	
1,4-Dichlorobenzene	mg/l	2.35	0.00498	.05	93.8	32-136	L405330-06	WG424709	
2-Butanone (MEK)	mg/l	13.2	0.00	.25	106.	32-151	L405330-06	WG424709	
2-Hexanone	mg/l	13.9	0.00	.25	111.	41-155	L405330-06	WG424709	
4-Methyl-2-pentanone (MIBK)	mg/l	13.8	0.00	.25	110.	40-160	L405330-06	WG424709	
Acetone	mg/l	12.8	0.00	.25	102.	25-157	L405330-06	WG424709	
Benzene	mg/l	2.25	0.0700	.05	87.4	16-158	L405330-06	WG424709	
Bromochloromethane	mg/l	2.24	0.00	.05	89.6	36-154	L405330-06	WG424709	
Bromodichloromethane	mg/l	2.49	0.00573	.05	99.5	45-147	L405330-06	WG424709	
Bromoform	mg/l	2.27	0.00	.05	90.6	38-152	L405330-06	WG424709	
Bromomethane	mg/l	1.74	0.00	.05	69.5	0-191	L405330-06	WG424709	
Carbon disulfide	mg/l	1.61	0.0106	.05	63.9	10-166	L405330-06	WG424709	
Carbon tetrachloride	mg/l	2.07	0.00	.05	82.9	22-168	L405330-06	WG424709	
Chlorobenzene	mg/l	2.26	0.00256	.05	90.3	33-148	L405330-06	WG424709	
Chlorodibromomethane	mg/l	2.62	0.00	.05	105.	48-151	L405330-06	WG424709	
Chloroethane	mg/l	1.92	0.00	.05	76.8	4-176	L405330-06	WG424709	
Chloroform	mg/l	2.30	0.00	.05	92.2	37-147	L405330-06	WG424709	
Chloromethane	mg/l	2.10	0.00	.05	84.1	10-174	L405330-06	WG424709	
cis-1,2-Dichloroethene	mg/l	2.23	0.0263	.05	88.3	29-156	L405330-06	WG424709	
cis-1,3-Dichloropropene	mg/l	2.58	0.00	.05	103.	35-148	L405330-06	WG424709	
Dichlorodifluoromethane	mg/l	2.50	0.00	.05	100.	0-200	L405330-06	WG424709	
Ethylbenzene	mg/l	3.74	1.60	.05	85.7	29-150	L405330-06	WG424709	
Isopropylbenzene	mg/l	2.40	0.0917	.05	92.4	35-147	L405330-06	WG424709	
Methyl tert-butyl ether	mg/l	2.41	0.00	.05	96.4	24-167	L405330-06	WG424709	
Methylene Chloride	mg/l	2.24	0.00	.05	89.4	23-151	L405330-06	WG424709	
Styrene	mg/l	2.45	0.00948	.05	97.7	38-149	L405330-06	WG424709	
Tetrachloroethene	mg/l	2.22	0.00	.05	88.8	13-157	L405330-06	WG424709	
Toluene	mg/l	5.45	3.80	.05	66.0	22-152	L405330-06	WG424709	
trans-1,2-Dichloroethene	mg/l	2.25	0.00	.05	89.9	11-160	L405330-06	WG424709	
trans-1,3-Dichloropropene	mg/l	2.57	0.00	.05	103.	33-153	L405330-06	WG424709	
Trichloroethene	mg/l	2.30	0.00713	.05	91.9	18-163	L405330-06	WG424709	
Trichlorofluoromethane	mg/l	2.19	0.00	.05	87.6	10-177	L405330-06	WG424709	
Vinyl chloride	mg/l	2.05	0.00	.05	81.9	0-179	L405330-06	WG424709	
4-Bromofluorobenzene					102.2	75-128		WG424709	
Dibromofluoromethane					101.3	79-125		WG424709	
Toluene-d8					102.4	87-114		WG424709	
PCB 1260	mg/kg	0.135	0.00	.167	81.1	10-197	L405319-06	WG424512	
Decachlorobiphenyl					84.65	18.9-115.8		WG424512	
Tetrachloro-m-xylene					94.68	31.8-115.7		WG424512	
1,2,4,5-Tetrachlorobenzene	ppm	0.00685	0.00	.01	68.5	27-126	L404789-03	WG424808	
2,4,5-Trichlorophenol	ppm	0.0103	0.00	.01	103.	10-136	L404789-03	WG424808	
2,4,6-Trichlorophenol	ppm	0.00850	0.00	.01	85.0	10-137	L404789-03	WG424808	
2,4-Dichlorophenol	ppm	0.00764	0.00	.01	76.4	10-133	L404789-03	WG424808	
2,4-Dimethylphenol	ppm	0.0116	0.00	.01	116.	10-142	L404789-03	WG424808	

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Est. 1970

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1800 Blankenship Road, Suite 440
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Quality Assurance Report
Level II

June 24, 2009

L405232

Analyte	Units	MS Res	Matrix Spike			% Rec	Limit	Ref Samp	Batch
			Ref Res	TV					
2,4-Dinitrophenol	ppm	0.00429	0.00	.01	42.9	10-150	L404789-03	WG424808	
2,4-Dinitrotoluene	ppm	0.00991	0.00	.01	99.1	32-137	L404789-03	WG424808	
2,6-Dinitrotoluene	ppm	0.00918	0.00	.01	91.8	35-123	L404789-03	WG424808	
2-Chloronaphthalene	ppm	0.00795	0.00	.01	79.5	33-109	L404789-03	WG424808	
2-Chlorophenol	ppm	0.00666	0.00	.01	66.6	10-155	L404789-03	WG424808	
2-Methylnaphthalene	ppm	0.00793	0.00	.01	79.3	21-125	L404789-03	WG424808	
2-Methylphenol	ppm	0.00569	0.00	.01	56.9	13-110	L404789-03	WG424808	
2-Nitroaniline	ppm	0.00926	0.00	.01	92.6	31-135	L404789-03	WG424808	
2-Nitrophenol	ppm	0.00767	0.00	.01	76.7	12-121	L404789-03	WG424808	
3&4-methyl phenol	ppm	0.00533	0.00	.01	53.3	16-112	L404789-03	WG424808	
3,3-Dichlorobenzidine	ppm	0.00702	0.00	.01	70.2	10-135	L404789-03	WG424808	
3-Nitroaniline	ppm	0.00845	0.00	.01	84.5	0-139	L404789-03	WG424808	
4,6-Dinitro-2-methylphenol	ppm	0.00716	0.00	.01	71.6	0-138	L404789-03	WG424808	
4-Bromophenyl-phenylether	ppm	0.00799	0.00	.01	79.9	35-102	L404789-03	WG424808	
4-Chloro-3-methylphenol	ppm	0.00700	0.00	.01	70.0	10-136	L404789-03	WG424808	
4-Chloroaniline	ppm	0.00680	0.00	.01	68.0	0-169	L404789-03	WG424808	
4-Chlorophenyl-phenylether	ppm	0.00969	0.00	.01	96.9	39-116	L404789-03	WG424808	
4-Nitroaniline	ppm	0.00913	0.00	.01	91.3	0-166	L404789-03	WG424808	
4-Nitrophenol	ppm	0.00203	0.00	.01	20.3	13-59	L404789-03	WG424808	
Acenaphthene	ppm	0.00841	0.00	.01	84.1	39-112	L404789-03	WG424808	
Acenaphthylene	ppm	0.00872	0.00	.01	87.2	37-114	L404789-03	WG424808	
Acetophenone	ppm	0.00649	0.00	.01	64.9	20-103	L404789-03	WG424808	
Anthracene	ppm	0.00907	0.00	.01	90.7	44-136	L404789-03	WG424808	
Atrazine	ppm	0.0103	0.00	.01	103.	12-159	L404789-03	WG424808	
Benzaldehyde	ppm	0.00668	0.00	.01	66.8*	0-65	L404789-03	WG424808	
Benzo(a)anthracene	ppm	0.00821	0.00	.01	82.1	43-117	L404789-03	WG424808	
Benzo(a)pyrene	ppm	0.00901	0.00	.01	90.1	33-137	L404789-03	WG424808	
Benzo(b)fluoranthene	ppm	0.00893	0.00	.01	89.3	35-128	L404789-03	WG424808	
Benzo(g,h,i)perylene	ppm	0.00761	0.00	.01	76.1	10-139	L404789-03	WG424808	
Benzo(k)fluoranthene	ppm	0.00831	0.00	.01	83.1	36-119	L404789-03	WG424808	
Benzylbutyl phthalate	ppm	0.00459	0.00	.01	45.9*	47-121	L404789-03	WG424808	
Biphenyl	ppm	0.00822	0.00	.01	82.2	31-112	L404789-03	WG424808	
Bis(2-chloroethoxy)methane	ppm	0.00815	0.00	.01	81.5	21-135	L404789-03	WG424808	
Bis(2-chloroethyl)ether	ppm	0.00774	0.00	.01	77.4	10-134	L404789-03	WG424808	
Bis(2-chloroisopropyl)ether	ppm	0.00702	0.00	.01	70.2	14-124	L404789-03	WG424808	
Bis(2-ethylhexyl)phthalate	ppm	0.00919	0.00	.01	91.9	10-115	L404789-03	WG424808	
Caprolactam	ppm	0.00163	0.00	.01	16.3	0-50	L404789-03	WG424808	
Carbazole	ppm	0.00878	0.00	.01	87.8	31-145	L404789-03	WG424808	
Chrysene	ppm	0.00903	0.00	.01	90.3	41-117	L404789-03	WG424808	
Di-n-butyl phthalate	ppm	0.00731	0.00	.01	73.1	46-121	L404789-03	WG424808	
Di-n-octyl phthalate	ppm	0.00890	0.00	.01	89.0	22-109	L404789-03	WG424808	
Dibenz(a,h)anthracene	ppm	0.00730	0.00	.01	73.0	10-145	L404789-03	WG424808	
Dibenzofuran	ppm	0.00909	0.00	.01	90.9	36-127	L404789-03	WG424808	
Diethyl phthalate	ppm	0.00619	0.00	.01	61.9	23-132	L404789-03	WG424808	
Dimethyl phthalate	ppm	0.00327	0.00	.01	32.7*	42-107	L404789-03	WG424808	
Fluoranthene	ppm	0.00903	0.00	.01	90.3	36-130	L404789-03	WG424808	
Fluorene	ppm	0.00911	0.00	.01	91.1	37-120	L404789-03	WG424808	
Hexachloro-1,3-butadiene	ppm	0.00672	0.00	.01	67.2	16-118	L404789-03	WG424808	
Hexachlorobenzene	ppm	0.00839	0.00	.01	83.9	41-114	L404789-03	WG424808	
Hexachlorocyclopentadiene	ppm	0.00513	0.00	.01	51.3	0-132	L404789-03	WG424808	
Hexachloroethane	ppm	0.00508	0.00	.01	50.8	10-125	L404789-03	WG424808	
Indeno(1,2,3-cd)pyrene	ppm	0.00737	0.00	.01	73.7	10-138	L404789-03	WG424808	
Isophorone	ppm	0.00710	0.00	.01	71.0	32-131	L404789-03	WG424808	
n-Nitrosodi-n-propylamine	ppm	0.00707	0.00	.01	70.7	20-145	L404789-03	WG424808	
n-Nitrosodiphenylamine	ppm	0.00896	0.00	.01	89.6	10-171	L404789-03	WG424808	
Naphthalene	ppm	0.00648	0.00	.01	64.8	14-114	L404789-03	WG424808	
Nitrobenzene	ppm	0.00609	0.00	.01	60.9	14-122	L404789-03	WG424808	
Pentachlorophenol	ppm	0.00600	0.00	.01	60.0	0-137	L404789-03	WG424808	
Phenanthrene	ppm	0.00831	0.00	.01	83.1	38-121	L404789-03	WG424808	

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Analyte	Units	MS Res	Matrix Spike			% Rec	Limit	Ref Samp	Batch
			Ref Res	TV					
Phenol	ppm	0.00290	0.00	.01	29.0	10-68	L404789-03	WG424808	
Pyrene	ppm	0.00889	0.00	.01	88.9	27-136	L404789-03	WG424808	
2,4,6-Tribromophenol					176.1*	10-148		WG424808	
2-Fluorobiphenyl					159.4*	26-122		WG424808	
2-Fluorophenol					78.23	10-87		WG424808	
Nitrobenzene-d5					122.1*	12-120		WG424808	
Phenol-d5					45.90	10-67		WG424808	
p-Terphenyl-d14					193.3*	34-149		WG424808	
Mercury	mg/l	0.00265	0.00	.003	88.3	70-130	L405382-10	WG424613	
Mercury	mg/kg	0.251	0.00	.25	100.	70-130	L405194-04	WG424552	
1-Methylnaphthalene	ppm	0.0596	0.0180	.033	126.	19-131	L405277-02	WG424733	
2-Chloronaphthalene	ppm	0.0257	0.00	.033	77.8	38-117	L405277-02	WG424733	
2-Methylnaphthalene	ppm	0.0877	0.0280	.033	181.*	18-125	L405277-02	WG424733	
Acenaphthene	ppm	0.0289	0.00	.033	87.5	31-120	L405277-02	WG424733	
Acenaphthylene	ppm	0.0266	0.00	.033	80.7	34-116	L405277-02	WG424733	
Anthracene	ppm	0.0256	0.00	.033	77.7	32-131	L405277-02	WG424733	
Benzo(a)anthracene	ppm	0.0228	0.00	.033	69.0	32-131	L405277-02	WG424733	
Benzo(a)pyrene	ppm	0.0236	0.00	.033	71.5	28-130	L405277-02	WG424733	
Benzo(b)fluoranthene	ppm	0.0213	0.00	.033	64.5	37-130	L405277-02	WG424733	
Benzo(g,h,i)perylene	ppm	0.0215	0.00	.033	65.2	10-134	L405277-02	WG424733	
Benzo(k)fluoranthene	ppm	0.0261	0.00	.033	79.2	31-129	L405277-02	WG424733	
Chrysene	ppm	0.0223	0.00	.033	67.7	25-137	L405277-02	WG424733	
Dibenz(a,h)anthracene	ppm	0.0226	0.00	.033	68.6	20-134	L405277-02	WG424733	
Fluoranthene	ppm	0.0245	0.00	.033	74.3	27-138	L405277-02	WG424733	
Fluorene	ppm	0.0310	0.00	.033	93.9	26-136	L405277-02	WG424733	
Indeno(1,2,3-cd)pyrene	ppm	0.0218	0.00	.033	66.1	16-135	L405277-02	WG424733	
Naphthalene	ppm	0.0291	0.00	.033	88.3	22-121	L405277-02	WG424733	
Phenanthrene	ppm	0.0282	0.00	.033	85.5	27-133	L405277-02	WG424733	
Pyrene	ppm	0.0233	0.00	.033	70.7	22-133	L405277-02	WG424733	
2-Fluorobiphenyl					73.83	30-120		WG424733	
Nitrobenzene-d5					59.50	18-119		WG424733	
p-Terphenyl-d14					74.82	23-143		WG424733	
Beryllium	mg/l	1.06	0.00065	1.13	93.7	75-125	L405758-01	WG425034	
Cadmium	mg/l	1.05	0.00118	1.13	92.8	75-125	L405758-01	WG425034	
Chromium	mg/l	1.07	0.00020	1.13	94.7	75-125	L405758-01	WG425034	
Copper	mg/l	1.21	0.00	1.13	107.	75-125	L405758-01	WG425034	
Lead	mg/l	1.05	0.00	1.13	92.9	75-125	L405758-01	WG425034	
Nickel	mg/l	1.11	0.00160	1.13	98.1	75-125	L405758-01	WG425034	
Selenium	mg/l	1.06	0.0156	1.13	92.4	75-125	L405758-01	WG425034	
Silver	mg/l	0.525	0.00	1.13	46.5*	75-125	L405758-01	WG425034	
Zinc	mg/l	1.14	0.0140	1.13	99.6	75-125	L405758-01	WG425034	
Antimony	mg/kg	10.7	0.00	50	21.4*	75-125	L405194-02	WG424546	
Arsenic	mg/kg	48.2	3.10	50	90.2	75-125	L405194-02	WG424546	
Beryllium	mg/kg	47.6	0.767	50	93.7	75-125	L405194-02	WG424546	
Cadmium	mg/kg	44.6	0.00	50	89.2	75-125	L405194-02	WG424546	
Chromium	mg/kg	63.4	17.0	50	92.8	75-125	L405194-02	WG424546	
Copper	mg/kg	62.0	12.0	50	100.	75-125	L405194-02	WG424546	
Lead	mg/kg	51.8	5.00	50	93.6	75-125	L405194-02	WG424546	
Nickel	mg/kg	64.9	16.0	50	97.8	75-125	L405194-02	WG424546	

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Analyte	Units	MS Res	Matrix Spike		% Rec	Limit	Ref Samp	Batch
			Ref Res	TV				
Selenium	mg/kg	40.6	0.00	50	81.2	75-125	L405194-02	WG424546
Silver	mg/kg	47.4	0.00	50	94.8	75-125	L405194-02	WG424546
Zinc	mg/kg	77.5	28.6	50	97.8	75-125	L405194-02	WG424546
Thallium	mg/kg	46.2	0.00	10	92.4	75-125	L405194-02	WG424546
Arsenic	mg/l	0.0553	0.00118	.0567	95.5	75-125	L405710-01	WG425075
Thallium	mg/l	0.0554	0.00008	.0567	97.6	75-125	L405710-01	WG425075
Diesel (C7-C26)	mg/kg	27.8	1.80	30	86.6	50-150	L406294-02	WG425406
Motor Oil (C16-C40)	mg/kg	72.3	50.0	30	74.2	50-150	L406294-02	WG425406
o-Terphenyl					84.42	50-150		WG425406
1,1,1-Trichloroethane	mg/kg	0.250	0.00600	.05	97.7	23-147	L405944-05	WG425508
1,1,2,2-Tetrachloroethane	mg/kg	0.210	0.0124	.05	79.2	18-150	L405944-05	WG425508
1,1,2-Trichloroethane	mg/kg	0.225	0.136	.05	35.6	35-140	L405944-05	WG425508
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.239	0.00	.05	95.5	10-145	L405944-05	WG425508
1,1-Dichloroethane	mg/kg	0.249	0.00409	.05	97.9	24-148	L405944-05	WG425508
1,1-Dichloroethene	mg/kg	0.225	0.00	.05	90.0	10-149	L405944-05	WG425508
1,2,3-Trichlorobenzene	mg/kg	0.243	0.00185	.05	96.6	10-129	L405944-05	WG425508
1,2,4-Trichlorobenzene	mg/kg	0.251	0.00173	.05	99.5	10-119	L405944-05	WG425508
1,2-Dibromo-3-Chloropropane	mg/kg	0.241	0.00	.05	96.5	19-145	L405944-05	WG425508
1,2-Dibromoethane	mg/kg	0.203	0.00564	.05	78.9	24-145	L405944-05	WG425508
1,2-Dichlorobenzene	mg/kg	0.245	0.00031	.05	97.7	12-130	L405944-05	WG425508
1,2-Dichloroethane	mg/kg	0.235	0.00047	.05	93.8	21-155	L405944-05	WG425508
1,2-Dichloropropane	mg/kg	0.239	0.0148	.05	89.5	28-144	L405944-05	WG425508
1,3-Dichlorobenzene	mg/kg	0.231	0.00	.05	92.6	10-129	L405944-05	WG425508
1,4-Dichlorobenzene	mg/kg	0.235	0.00052	.05	94.0	10-121	L405944-05	WG425508
2-Butanone (MEK)	mg/kg	1.13	0.219	.25	73.0	21-143	L405944-05	WG425508
2-Hexanone	mg/kg	1.12	0.0322	.25	87.4	22-151	L405944-05	WG425508
4-Methyl-2-pentanone (MIBK)	mg/kg	1.10	0.0764	.25	81.7	31-151	L405944-05	WG425508
Acetone	mg/kg	1.33	2.21	.25	0.00*	13-158	L405944-05	WG425508
Benzene	mg/kg	0.245	0.00	.05	98.0	16-143	L405944-05	WG425508
Bromochloromethane	mg/kg	0.246	0.00	.05	98.2	25-152	L405944-05	WG425508
Bromodichloromethane	mg/kg	0.268	0.0439	.05	89.6	27-139	L405944-05	WG425508
Bromoform	mg/kg	0.245	0.00	.05	98.1	21-144	L405944-05	WG425508
Bromomethane	mg/kg	0.333	0.00	.05	133.	0-180	L405944-05	WG425508
Carbon disulfide	mg/kg	0.203	0.00119	.05	80.5	10-156	L405944-05	WG425508
Carbon tetrachloride	mg/kg	0.283	0.00	.05	113.	12-149	L405944-05	WG425508
Chlorobenzene	mg/kg	0.216	0.00283	.05	85.2	17-134	L405944-05	WG425508
Chlorodibromomethane	mg/kg	0.225	0.00554	.05	87.9	28-147	L405944-05	WG425508
Chloroethane	mg/kg	0.271	0.00	.05	109.	0-172	L405944-05	WG425508
Chloroform	mg/kg	0.243	0.00996	.05	93.1	28-138	L405944-05	WG425508
Chloromethane	mg/kg	0.270	0.00	.05	108.	10-158	L405944-05	WG425508
cis-1,2-Dichloroethene	mg/kg	0.248	0.00059	.05	98.8	21-147	L405944-05	WG425508
cis-1,3-Dichloropropene	mg/kg	0.244	0.00	.05	97.8	17-145	L405944-05	WG425508
Dichlorodifluoromethane	mg/kg	0.289	0.00	.05	116.	0-192	L405944-05	WG425508
Ethylbenzene	mg/kg	0.223	0.0270	.05	78.4	12-137	L405944-05	WG425508
Isopropylbenzene	mg/kg	0.239	0.0514	.05	75.2	14-134	L405944-05	WG425508
Methyl tert-butyl ether	mg/kg	0.240	0.00	.05	96.0	21-157	L405944-05	WG425508
Methylene Chloride	mg/kg	0.237	0.00283	.05	93.5	12-149	L405944-05	WG425508
Styrene	mg/kg	0.232	0.00	.05	93.0	10-140	L405944-05	WG425508
Tetrachloroethene	mg/kg	0.209	0.00	.05	83.8	10-131	L405944-05	WG425508
Toluene	mg/kg	0.228	0.00	.05	91.0	12-136	L405944-05	WG425508
trans-1,2-Dichloroethene	mg/kg	0.233	0.00	.05	93.4	10-143	L405944-05	WG425508
trans-1,3-Dichloropropene	mg/kg	0.217	0.00363	.05	85.2	16-147	L405944-05	WG425508
Trichloroethene	mg/kg	0.246	0.00	.05	98.3	10-155	L405944-05	WG425508

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Quality Assurance Report
Level II

West Linn, OR 97068

June 24, 2009

L405232

Analyte	Units	MS Res	Matrix Spike			% Rec	Limit	Ref Samp	Batch
			Ref Res	TV					
Trichlorofluoromethane	mg/kg	0.308	0.00	.05	123.	10-154	L405944-05	WG425508	
Vinyl chloride	mg/kg	0.250	0.00	.05	100.	10-159	L405944-05	WG425508	
4-Bromofluorobenzene					95.26	59-140		WG425508	
Dibromofluoromethane					105.2	63-139		WG425508	
Toluene-d8					102.2	84-116		WG425508	
Beryllium,Dissolved	mg/l	1.09	0.00018	1.13	96.4	75-125	L406228-04	WG425440	
Cadmium,Dissolved	mg/l	1.08	0.00	1.13	95.6	75-125	L406228-04	WG425440	
Chromium,Dissolved	mg/l	1.06	0.00210	1.13	93.6	75-125	L406228-04	WG425440	
Copper,Dissolved	mg/l	1.14	0.00	1.13	101.	75-125	L406228-04	WG425440	
Lead,Dissolved	mg/l	1.06	0.00	1.13	93.8	75-125	L406228-04	WG425440	
Nickel,Dissolved	mg/l	1.10	0.00	1.13	97.3	75-125	L406228-04	WG425440	
Selenium,Dissolved	mg/l	1.08	0.00430	1.13	95.2	75-125	L406228-04	WG425440	
Silver,Dissolved	mg/l	0.145	0.00	1.13	12.8*	75-125	L406228-04	WG425440	
Zinc,Dissolved	mg/l	1.09	0.00250	1.13	96.2	75-125	L406228-04	WG425440	
Antimony,Dissolved	mg/l	0.0557	0.00	.0567	98.2	75-125	L405710-01	WG425437	
Arsenic,Dissolved	mg/l	0.0543	0.00110	.0567	93.8	75-125	L405710-01	WG425437	
Thallium,Dissolved	mg/l	0.0533	0.00	.0567	94.0	75-125	L405710-01	WG425437	
Mercury,Dissolved	mg/l	0.00289	0.00	.003	96.3	70-130	L405337-01	WG425098	
Diesel (C7-C26)	mg/kg	31.8	8.90	30	76.4	50-150	L404245-12	WG425725	
Motor Oil (C16-C40)	mg/kg	65.5	63.0	30	8.22*	50-150	L404245-12	WG425725	
o-Terphenyl					75.48	50-150		WG425725	
Antimony	mg/l	0.0614	0.00039	.0567	108.	75-125	L405382-02	WG426003	

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref Samp	Batch
			Ref	%Rec					
1,1,1-Trichloroethane	mg/l	0.0424	0.0401	84.9	31-161	5.67	23	L404924-03	WG424513
1,1,2,2-Tetrachloroethane	mg/l	0.0502	0.0454	100.	49-149	9.95	22	L404924-03	WG424513
1,1,2-Trichloroethane	mg/l	0.0468	0.0455	93.6	46-145	2.91	20	L404924-03	WG424513
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	0.0423	0.0407	84.6	14-168	3.83	24	L404924-03	WG424513
1,1-Dichloroethane	mg/l	0.0426	0.0405	85.2	30-159	5.21	21	L404924-03	WG424513
1,1-Dichloroethene	mg/l	0.0346	0.0336	69.2	10-162	2.83	23	L404924-03	WG424513
1,2,3-Trichlorobenzene	mg/l	0.0425	0.0429	85.0	32-143	0.909	33	L404924-03	WG424513
1,2,4-Trichlorobenzene	mg/l	0.0421	0.0422	84.1	27-142	0.245	30	L404924-03	WG424513
1,2-Dibromo-3-Chloropropane	mg/l	0.0491	0.0449	98.3	37-148	9.06	27	L404924-03	WG424513
1,2-Dibromoethane	mg/l	0.0455	0.0430	91.0	41-149	5.52	21	L404924-03	WG424513
1,2-Dichlorobenzene	mg/l	0.0430	0.0415	86.0	40-139	3.47	23	L404924-03	WG424513
1,2-Dichloroethane	mg/l	0.0421	0.0388	84.1	29-167	7.93	21	L404924-03	WG424513
1,2-Dichloropropane	mg/l	0.0471	0.0465	94.2	39-148	1.35	20	L404924-03	WG424513
1,3-Dichlorobenzene	mg/l	0.0477	0.0460	95.3	32-148	3.62	24	L404924-03	WG424513
1,4-Dichlorobenzene	mg/l	0.0407	0.0396	81.4	32-136	2.89	23	L404924-03	WG424513
2-Butanone (MEK)	mg/l	0.222	0.197	88.9	32-151	12.3	26	L404924-03	WG424513
2-Hexanone	mg/l	0.271	0.242	108.	41-155	11.3	28	L404924-03	WG424513
4-Methyl-2-pentanone (MIBK)	mg/l	0.273	0.247	109.	40-160	9.86	28	L404924-03	WG424513
Acetone	mg/l	0.263	0.228	105.	25-157	14.0	26	L404924-03	WG424513
Benzene	mg/l	0.0396	0.0372	79.2	16-158	6.12	21	L404924-03	WG424513
Bromochloromethane	mg/l	0.0457	0.0417	91.3	36-154	9.04	21	L404924-03	WG424513
Bromodichloromethane	mg/l	0.0468	0.0456	93.5	45-147	2.59	20	L404924-03	WG424513
Bromoform	mg/l	0.0544	0.0497	109.	38-152	9.02	20	L404924-03	WG424513

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Quality Assurance Report
Level II

June 24, 2009

L405232

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit Ref	Samp	Batch
			Ref	%Rec					
Bromomethane	mg/l	0.0345	0.0328	68.9	0-191	4.95	35	L404924-03	WG424513
Carbon disulfide	mg/l	0.0184	0.0180	36.7	10-166	2.08	25	L404924-03	WG424513
Carbon tetrachloride	mg/l	0.0399	0.0381	79.9	22-168	4.84	24	L404924-03	WG424513
Chlorobenzene	mg/l	0.0454	0.0432	90.7	33-148	4.90	22	L404924-03	WG424513
Chlorodibromomethane	mg/l	0.0489	0.0466	97.7	48-151	4.77	21	L404924-03	WG424513
Chloroethane	mg/l	0.0380	0.0364	76.0	4-176	4.21	27	L404924-03	WG424513
Chloroform	mg/l	0.0420	0.0398	84.1	37-147	5.44	21	L404924-03	WG424513
Chloromethane	mg/l	0.0311	0.0307	62.2	10-174	1.13	28	L404924-03	WG424513
cis-1,2-Dichloroethene	mg/l	0.0427	0.0402	85.4	29-156	5.92	22	L404924-03	WG424513
cis-1,3-Dichloropropene	mg/l	0.0445	0.0427	89.0	35-148	4.12	21	L404924-03	WG424513
Dichlorodifluoromethane	mg/l	0.0411	0.0390	82.2	0-200	5.33	26	L404924-03	WG424513
Ethylbenzene	mg/l	0.0443	0.0427	88.6	29-150	3.62	24	L404924-03	WG424513
Isopropylbenzene	mg/l	0.0456	0.0443	91.1	35-147	2.74	25	L404924-03	WG424513
Methyl tert-butyl ether	mg/l	0.0464	0.0412	92.8	24-167	12.0	22	L404924-03	WG424513
Methylene Chloride	mg/l	0.0381	0.0355	76.2	23-151	6.99	21	L404924-03	WG424513
Styrene	mg/l	0.0465	0.0441	92.9	38-149	5.22	23	L404924-03	WG424513
Tetrachloroethene	mg/l	0.0391	0.0391	78.3	13-157	0.115	24	L404924-03	WG424513
Toluene	mg/l	0.0397	0.0389	79.5	22-152	2.03	22	L404924-03	WG424513
trans-1,2-Dichloroethene	mg/l	0.0352	0.0338	70.4	11-160	4.03	23	L404924-03	WG424513
trans-1,3-Dichloropropene	mg/l	0.0450	0.0444	89.9	33-153	1.37	22	L404924-03	WG424513
Trichloroethene	mg/l	0.0425	0.0411	85.0	18-163	3.39	21	L404924-03	WG424513
Trichlorofluoromethane	mg/l	0.0386	0.0360	77.2	10-177	7.00	24	L404924-03	WG424513
Vinyl chloride	mg/l	0.0326	0.0313	65.2	0-179	4.11	26	L404924-03	WG424513
4-Bromofluorobenzene				106.3	75-128				WG424513
Dibromofluoromethane				99.09	79-125				WG424513
Toluene-d8				102.6	87-114				WG424513
1,1,1-Trichloroethane	mg/l	2.27	2.36	90.6	31-161	4.13	23	L405330-06	WG424709
1,1,2,2-Tetrachloroethane	mg/l	2.70	2.59	108.	49-149	4.19	22	L405330-06	WG424709
1,1,2-Trichloroethane	mg/l	2.47	2.42	98.7	46-145	1.90	20	L405330-06	WG424709
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	1.93	2.08	77.0	14-168	7.70	24	L405330-06	WG424709
1,1-Dichloroethane	mg/l	2.23	2.32	89.1	30-159	4.21	21	L405330-06	WG424709
1,1-Dichloroethene	mg/l	1.79	1.88	71.8	10-162	4.53	23	L405330-06	WG424709
1,2,3-Trichlorobenzene	mg/l	2.72	2.79	109.	32-143	2.47	33	L405330-06	WG424709
1,2,4-Trichlorobenzene	mg/l	2.72	2.90	108.	27-142	6.72	30	L405330-06	WG424709
1,2-Dibromo-3-Chloropropane	mg/l	2.60	2.40	104.	37-148	8.02	27	L405330-06	WG424709
1,2-Dibromoethane	mg/l	2.50	2.42	100.	41-149	3.45	21	L405330-06	WG424709
1,2-Dichlorobenzene	mg/l	2.32	2.45	92.9	40-139	5.39	23	L405330-06	WG424709
1,2-Dichloroethane	mg/l	2.27	2.34	90.6	29-167	3.39	21	L405330-06	WG424709
1,2-Dichloropropane	mg/l	2.34	2.36	93.6	39-148	0.717	20	L405330-06	WG424709
1,3-Dichlorobenzene	mg/l	2.30	2.33	91.7	32-148	1.28	24	L405330-06	WG424709
1,4-Dichlorobenzene	mg/l	2.23	2.35	89.2	32-136	5.00	23	L405330-06	WG424709
2-Butanone (MEK)	mg/l	13.8	13.2	110.	32-151	3.93	26	L405330-06	WG424709
2-Hexanone	mg/l	14.8	13.9	118.	41-155	6.26	28	L405330-06	WG424709
4-Methyl-2-pentanone (MIBK)	mg/l	14.1	13.8	113.	40-160	2.57	28	L405330-06	WG424709
Acetone	mg/l	13.2	12.8	105.	25-157	2.75	26	L405330-06	WG424709
Benzene	mg/l	2.14	2.25	82.7	16-158	5.31	21	L405330-06	WG424709
Bromochloromethane	mg/l	2.19	2.24	87.5	36-154	2.35	21	L405330-06	WG424709
Bromodichloromethane	mg/l	2.41	2.49	96.0	45-147	3.59	20	L405330-06	WG424709
Bromoform	mg/l	2.44	2.27	97.6	38-152	7.36	20	L405330-06	WG424709
Bromomethane	mg/l	1.58	1.74	63.2	0-191	9.53	35	L405330-06	WG424709
Carbon disulfide	mg/l	1.47	1.61	58.4	10-166	8.94	25	L405330-06	WG424709
Carbon tetrachloride	mg/l	2.30	2.07	91.9	22-168	10.3	24	L405330-06	WG424709
Chlorobenzene	mg/l	2.22	2.26	88.6	33-148	1.89	22	L405330-06	WG424709
Chlorodibromomethane	mg/l	2.65	2.62	106.	48-151	1.28	21	L405330-06	WG424709
Chloroethane	mg/l	1.84	1.92	73.8	4-176	3.98	27	L405330-06	WG424709
Chloroform	mg/l	2.19	2.30	87.5	37-147	5.16	21	L405330-06	WG424709
Chloromethane	mg/l	1.89	2.10	75.7	10-174	10.5	28	L405330-06	WG424709

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Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref Samp	Batch
			Ref	%Rec					
cis-1,2-Dichloroethene	mg/l	2.14	2.23	84.6	29-156	4.18	22	L405330-06	WG424709
cis-1,3-Dichloropropene	mg/l	2.40	2.58	95.8	35-148	7.27	21	L405330-06	WG424709
Dichlorodifluoromethane	mg/l	2.28	2.50	91.2	0-200	9.24	26	L405330-06	WG424709
Ethylbenzene	mg/l	3.63	3.74	81.2	29-150	3.09	24	L405330-06	WG424709
Isopropylbenzene	mg/l	2.38	2.40	91.6	35-147	0.880	25	L405330-06	WG424709
Methyl tert-butyl ether	mg/l	2.42	2.41	96.9	24-167	0.520	22	L405330-06	WG424709
Methylene Chloride	mg/l	2.15	2.24	85.9	23-151	4.04	21	L405330-06	WG424709
Styrene	mg/l	2.41	2.45	95.8	38-149	1.90	23	L405330-06	WG424709
Tetrachloroethene	mg/l	2.16	2.22	86.2	13-157	2.90	24	L405330-06	WG424709
Toluene	mg/l	5.15	5.45	54.1	22-152	5.61	22	L405330-06	WG424709
trans-1,2-Dichloroethene	mg/l	2.13	2.25	85.3	11-160	5.22	23	L405330-06	WG424709
trans-1,3-Dichloropropene	mg/l	2.49	2.57	99.5	33-153	3.12	22	L405330-06	WG424709
Trichloroethene	mg/l	2.19	2.30	87.2	18-163	5.27	21	L405330-06	WG424709
Trichlorofluoromethane	mg/l	2.05	2.19	82.2	10-177	6.36	24	L405330-06	WG424709
Vinyl chloride	mg/l	1.90	2.05	75.9	0-179	7.60	26	L405330-06	WG424709
4-Bromofluorobenzene				105.3	75-128				WG424709
Dibromofluoromethane				99.09	79-125				WG424709
Toluene-d8				102.4	87-114				WG424709
PCB 1260	mg/kg	0.183	0.135	109.	10-197	29.7	39	L405319-06	WG424512
Decachlorobiphenyl				106.6	18.9-115.8				WG424512
Tetrachloro-m-xylene				114.8	31.8-115.7				WG424512
1,2,4,5-Tetrachlorobenzene	ppm	0.0068	0.0068	68.4	27-126	0.125	46	L404789-03	WG424808
2,4,5-Trichlorophenol	ppm	0.0092	0.0103	92.9	10-136	10.3	45	L404789-03	WG424808
2,4,6-Trichlorophenol	ppm	0.0078	0.0085	78.4	10-137	8.02	42	L404789-03	WG424808
2,4-Dichlorophenol	ppm	0.0076	0.0076	76.8	10-133	0.567	50	L404789-03	WG424808
2,4-Dimethylphenol	ppm	0.0116	0.0116	116.	10-142	0.082	36	L404789-03	WG424808
2,4-Dinitrophenol	ppm	0.0029	0.0042	29.5	10-150	37.2	50	L404789-03	WG424808
2,4-Dinitrotoluene	ppm	0.0091	0.0099	91.1	32-137	8.40	36	L404789-03	WG424808
2,6-Dinitrotoluene	ppm	0.0090	0.0091	90.3	35-123	1.61	37	L404789-03	WG424808
2-Chloronaphthalene	ppm	0.0078	0.0079	78.8	33-109	0.898	39	L404789-03	WG424808
2-Chlorophenol	ppm	0.0063	0.0066	63.1	10-155	5.47	50	L404789-03	WG424808
2-Methylnaphthalene	ppm	0.0079	0.0079	79.0	21-125	0.419	42	L404789-03	WG424808
2-Methylphenol	ppm	0.0054	0.0056	54.6	13-110	4.18	23	L404789-03	WG424808
2-Nitroaniline	ppm	0.0087	0.0092	87.6	31-135	5.53	26	L404789-03	WG424808
2-Nitrophenol	ppm	0.0077	0.0076	77.6	12-121	1.20	48	L404789-03	WG424808
3&4-methyl phenol	ppm	0.0051	0.0053	51.1	16-112	4.11	36	L404789-03	WG424808
3,3-Dichlorobenzidine	ppm	0.0069	0.0070	69.4	10-135	1.21	40	L404789-03	WG424808
3-Nitroaniline	ppm	0.0082	0.0084	82.0	0-139	2.92	50	L404789-03	WG424808
4,6-Dinitro-2-methylphenol	ppm	0.0058	0.0071	58.1	0-138	20.7	50	L404789-03	WG424808
4-Bromophenyl-phenylether	ppm	0.0076	0.0079	76.2	35-102	4.78	23	L404789-03	WG424808
4-Chloro-3-methylphenol	ppm	0.0066	0.0070	66.6	10-136	4.99	29	L404789-03	WG424808
4-Chloroaniline	ppm	0.0066	0.0068	66.5	0-169	2.29	50	L404789-03	WG424808
4-Chlorophenyl-phenylether	ppm	0.0095	0.0096	95.3	39-116	1.58	32	L404789-03	WG424808
4-Nitroaniline	ppm	0.0092	0.0091	92.9	0-166	1.72	50	L404789-03	WG424808
4-Nitrophenol	ppm	0.0018	0.0020	18.0	13-59	11.9	50	L404789-03	WG424808
Acenaphthene	ppm	0.0084	0.0084	84.8	39-112	0.759	37	L404789-03	WG424808
Acenaphthylene	ppm	0.0084	0.0087	84.7	37-114	2.89	35	L404789-03	WG424808
Acetophenone	ppm	0.0060	0.0064	60.8	20-103	6.46	44	L404789-03	WG424808
Anthracene	ppm	0.0094	0.0090	94.0	44-136	3.61	24	L404789-03	WG424808
Atrazine	ppm	0.0092	0.0103	92.7	12-159	10.4	36	L404789-03	WG424808
Benzaldehyde	ppm	0.0056	0.0066	56.5	0-65	16.8	50	L404789-03	WG424808
Benzo(a)anthracene	ppm	0.0082	0.0082	82.9	43-117	0.985	25	L404789-03	WG424808
Benzo(a)pyrene	ppm	0.0088	0.0090	88.1	33-137	2.23	34	L404789-03	WG424808
Benzo(b)fluoranthene	ppm	0.0078	0.0089	78.1	35-128	13.3	50	L404789-03	WG424808
Benzo(g,h,i)perylene	ppm	0.0073	0.0076	73.1	10-139	4.12	50	L404789-03	WG424808

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Est. 1970

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Chris Kramer
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Quality Assurance Report
Level II

June 24, 2009

L405232

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit Ref	Samp	Batch
			Ref	%Rec					
Benzo(k)fluoranthene	ppm	0.0089	0.0083	89.0	36-119	6.86	40	L404789-03	WG424808
Benzybutyl phthalate	ppm	0.0051	0.0045	51.1	47-121	10.6	28	L404789-03	WG424808
Biphenyl	ppm	0.0080	0.0082	80.3	31-112	2.35	40	L404789-03	WG424808
Bis(2-chlorethoxy)methane	ppm	0.0081	0.0081	81.3	21-135	0.255	39	L404789-03	WG424808
Bis(2-chloroethyl)ether	ppm	0.0075	0.0077	75.6	10-134	2.37	50	L404789-03	WG424808
Bis(2-chloroisopropyl)ether	ppm	0.0071	0.0070	71.4	14-124	1.61	40	L404789-03	WG424808
Bis(2-ethylhexyl)phthalate	ppm	0.0084	0.0091	84.8	10-115	8.01	33	L404789-03	WG424808
Caprolactam	ppm	0.0015	0.0016	15.0	0-50	8.37	50	L404789-03	WG424808
Carbazole	ppm	0.0089	0.0087	89.6	31-145	1.98	29	L404789-03	WG424808
Chrysene	ppm	0.0087	0.0090	87.1	41-117	3.61	24	L404789-03	WG424808
Di-n-butyl phthalate	ppm	0.0066	0.0073	66.3	46-121	9.76	27	L404789-03	WG424808
Di-n-octyl phthalate	ppm	0.0083	0.0089	83.2	22-109	6.70	31	L404789-03	WG424808
Dibenz(a,h)anthracene	ppm	0.0070	0.0073	70.6	10-145	3.33	50	L404789-03	WG424808
Dibenzofuran	ppm	0.0088	0.0090	88.6	36-127	2.48	36	L404789-03	WG424808
Diethyl phthalate	ppm	0.0061	0.0061	61.1	23-132	1.30	35	L404789-03	WG424808
Dimethyl phthalate	ppm	0.0048	0.0032	48.5	42-107	38.7*	27	L404789-03	WG424808
Fluoranthene	ppm	0.0082	0.0090	82.8	36-130	8.64	27	L404789-03	WG424808
Fluorene	ppm	0.0087	0.0091	87.3	37-120	4.31	30	L404789-03	WG424808
Hexachloro-1,3-butadiene	ppm	0.0064	0.0067	64.1	16-118	4.79	50	L404789-03	WG424808
Hexachlorobenzene	ppm	0.0081	0.0083	81.1	41-114	3.42	28	L404789-03	WG424808
Hexachlorocyclopentadiene	ppm	0.0046	0.0051	46.7	0-132	9.34	50	L404789-03	WG424808
Hexachloroethane	ppm	0.0048	0.0050	48.7	10-125	4.30	50	L404789-03	WG424808
Indeno(1,2,3-cd)pyrene	ppm	0.0069	0.0073	69.8	10-138	5.40	50	L404789-03	WG424808
Isophorone	ppm	0.0072	0.0071	72.3	32-131	1.71	38	L404789-03	WG424808
n-Nitrosodi-n-propylamine	ppm	0.0071	0.0070	71.4	20-145	0.941	43	L404789-03	WG424808
n-Nitrosodiphenylamine	ppm	0.0090	0.0089	90.0	10-171	0.537	34	L404789-03	WG424808
Naphthalene	ppm	0.0068	0.0064	68.4	14-114	5.49	50	L404789-03	WG424808
Nitrobenzene	ppm	0.0060	0.0060	60.5	14-122	0.693	46	L404789-03	WG424808
Pentachlorophenol	ppm	0.0050	0.0060	50.9	0-137	16.5	50	L404789-03	WG424808
Phenanthrene	ppm	0.0081	0.0083	81.7	38-121	1.76	26	L404789-03	WG424808
Phenol	ppm	0.0026	0.0029	26.7	10-68	8.28	32	L404789-03	WG424808
Pyrene	ppm	0.0086	0.0088	86.7	27-136	2.53	33	L404789-03	WG424808
2,4,6-Tribromophenol				164.3*	10-148				WG424808
2-Fluorobiphenyl				158.2*	26-122				WG424808
2-Fluorophenol				72.13	10-87				WG424808
Nitrobenzene-d5				117.4	12-120				WG424808
Phenol-d5				41.81	10-67				WG424808
p-Terphenyl-d14				196.9*	34-149				WG424808
Mercury	mg/l	0.0025	0.0026	83.3	70-130	5.83	20	L405382-10	WG424613
Mercury	mg/kg	0.243	0.251	97.2	70-130	3.24	20	L405194-04	WG424552
1-Methylnaphthalene	ppm	0.0483	0.0596	91.8	19-131	20.9	30	L405277-02	WG424733
2-Chloronaphthalene	ppm	0.0240	0.0257	72.8	38-117	6.60	26	L405277-02	WG424733
2-Methylnaphthalene	ppm	0.0736	0.0877	138.113*	18-125	17.5	29	L405277-02	WG424733
Acenaphthene	ppm	0.0254	0.0289	76.9	31-120	12.8	30	L405277-02	WG424733
Acenaphthylene	ppm	0.0232	0.0266	70.4	34-116	13.7	29	L405277-02	WG424733
Anthracene	ppm	0.0249	0.0256	75.3	32-131	3.04	26	L405277-02	WG424733
Benzo(a)anthracene	ppm	0.0246	0.0228	74.7	32-131	7.96	31	L405277-02	WG424733
Benzo(a)pyrene	ppm	0.0246	0.0236	74.6	28-130	4.21	28	L405277-02	WG424733
Benzo(b)fluoranthene	ppm	0.0246	0.0213	74.5	37-130	14.4	41	L405277-02	WG424733
Benzo(g,h,i)perylene	ppm	0.0228	0.0215	69.2	10-134	5.96	26	L405277-02	WG424733
Benzo(k)fluoranthene	ppm	0.0245	0.0261	74.2	31-129	6.42	42	L405277-02	WG424733
Chrysene	ppm	0.0215	0.0223	65.1	25-137	3.87	22	L405277-02	WG424733
Dibenz(a,h)anthracene	ppm	0.0232	0.0226	70.3	20-134	2.48	25	L405277-02	WG424733

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Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref	Samp	Batch
			Ref	%Rec						
Fluoranthene	ppm	0.0242	0.0245	73.3	27-138	1.48	35	L405277-02		WG424733
Fluorene	ppm	0.0271	0.0310	82.1	26-136	13.4	30	L405277-02		WG424733
Indeno(1,2,3-cd)pyrene	ppm	0.0231	0.0218	70.1	16-135	5.80	26	L405277-02		WG424733
Naphthalene	ppm	0.0266	0.0291	80.5	22-121	9.26	30	L405277-02		WG424733
Phenanthrene	ppm	0.0292	0.0282	88.5	27-133	3.44	36	L405277-02		WG424733
Pyrene	ppm	0.0235	0.0233	71.1	22-133	0.578	33	L405277-02		WG424733
2-Fluorobiphenyl				66.72	30-120					WG424733
Nitrobenzene-d5				59.30	18-119					WG424733
p-Terphenyl-d14				75.21	23-143					WG424733
Beryllium	mg/l	1.06	1.06	93.7	75-125	0.00	20	L405758-01		WG425034
Cadmium	mg/l	1.03	1.05	91.0	75-125	1.92	20	L405758-01		WG425034
Chromium	mg/l	1.05	1.07	92.9	75-125	1.89	20	L405758-01		WG425034
Copper	mg/l	1.18	1.21	104.	75-125	2.51	20	L405758-01		WG425034
Lead	mg/l	1.03	1.05	91.2	75-125	1.92	20	L405758-01		WG425034
Nickel	mg/l	1.08	1.11	95.4	75-125	2.74	20	L405758-01		WG425034
Selenium	mg/l	1.04	1.06	90.7	75-125	1.90	20	L405758-01		WG425034
Silver	mg/l	0.474	0.525	41.947*	75-125	10.2	20	L405758-01		WG425034
Zinc	mg/l	1.12	1.14	97.9	75-125	1.77	20	L405758-01		WG425034
Antimony	mg/kg	11.1	10.7	22.2*	75-125	3.67	20	L405194-02		WG424546
Arsenic	mg/kg	49.2	48.2	92.2	75-125	2.05	20	L405194-02		WG424546
Beryllium	mg/kg	47.4	47.6	93.3	75-125	0.421	20	L405194-02		WG424546
Cadmium	mg/kg	45.3	44.6	90.6	75-125	1.56	20	L405194-02		WG424546
Chromium	mg/kg	63.7	63.4	93.4	75-125	0.472	20	L405194-02		WG424546
Copper	mg/kg	62.9	62.0	102.	75-125	1.44	20	L405194-02		WG424546
Lead	mg/kg	51.6	51.8	93.2	75-125	0.387	20	L405194-02		WG424546
Nickel	mg/kg	65.0	64.9	98.0	75-125	0.154	20	L405194-02		WG424546
Selenium	mg/kg	41.3	40.6	82.6	75-125	1.71	20	L405194-02		WG424546
Silver	mg/kg	48.0	47.4	96.0	75-125	1.26	20	L405194-02		WG424546
Zinc	mg/kg	79.8	77.5	102.	75-125	2.92	20	L405194-02		WG424546
Thallium	mg/kg	49.4	46.2	98.8	75-125	6.69	20	L405194-02		WG424546
Arsenic	mg/l	0.0552	0.0553	95.3	75-125	0.181	20	L405710-01		WG425075
Thallium	mg/l	0.0543	0.0554	95.6	75-125	2.01	20	L405710-01		WG425075
Diesel (C7-C26)	mg/kg	27.1	27.8	84.3	50-150	2.50	20	L406294-02		WG425406
Motor Oil (C16-C40)	mg/kg	74.1	72.3	80.2	50-150	2.45	25	L406294-02		WG425406
o-Terphenyl				83.52	50-150					WG425406
1,1,1-Trichloroethane	mg/kg	0.251	0.250	97.9	23-147	0.124	32	L405944-05		WG425508
1,1,2,2-Tetrachloroethane	mg/kg	0.213	0.210	80.4	18-150	1.42	33	L405944-05		WG425508
1,1,2-Trichloroethane	mg/kg	0.248	0.225	44.7	35-140	9.67	29	L405944-05		WG425508
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.233	0.239	93.4	10-145	2.22	35	L405944-05		WG425508
1,1-Dichloroethane	mg/kg	0.258	0.249	102.	24-148	3.76	31	L405944-05		WG425508
1,1-Dichloroethene	mg/kg	0.224	0.225	89.7	10-149	0.333	34	L405944-05		WG425508
1,2,3-Trichlorobenzene	mg/kg	0.224	0.243	88.7	10-129	8.40	43	L405944-05		WG425508
1,2,4-Trichlorobenzene	mg/kg	0.233	0.251	92.7	10-119	7.09	44	L405944-05		WG425508
1,2-Dibromo-3-Chloropropane	mg/kg	0.321	0.241	128.	19-145	28.3	35	L405944-05		WG425508
1,2-Dibromoethane	mg/kg	0.183	0.203	70.9	24-145	10.3	31	L405944-05		WG425508
1,2-Dichlorobenzene	mg/kg	0.238	0.245	95.1	12-130	2.70	35	L405944-05		WG425508
1,2-Dichloroethane	mg/kg	0.244	0.235	97.2	21-155	3.56	29	L405944-05		WG425508
1,2-Dichloropropane	mg/kg	0.220	0.239	82.0	28-144	8.23	30	L405944-05		WG425508
1,3-Dichlorobenzene	mg/kg	0.216	0.231	86.3	10-129	7.03	38	L405944-05		WG425508

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Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit Ref	Samp	Batch
			Ref	%Rec					
1,4-Dichlorobenzene	mg/kg	0.224	0.235	89.3	10-121	5.02	36	L405944-05	WG425508
2-Butanone (MEK)	mg/kg	1.55	1.13	106.	21-143	31.0	37	L405944-05	WG425508
2-Hexanone	mg/kg	1.23	1.12	95.7	22-151	8.84	38	L405944-05	WG425508
4-Methyl-2-pentanone (MIBK)	mg/kg	1.15	1.10	86.3	31-151	5.11	36	L405944-05	WG425508
Acetone	mg/kg	2.12	1.33	0*	13-158	45.3*	34	L405944-05	WG425508
Benzene	mg/kg	0.230	0.245	92.0	16-143	6.39	31	L405944-05	WG425508
Bromochloromethane	mg/kg	0.272	0.246	109.	25-152	10.3	29	L405944-05	WG425508
Bromodichloromethane	mg/kg	0.255	0.268	84.4	27-139	4.99	30	L405944-05	WG425508
Bromoform	mg/kg	0.271	0.245	108.	21-144	9.87	34	L405944-05	WG425508
Bromomethane	mg/kg	0.335	0.333	134.	0-180	0.659	41	L405944-05	WG425508
Carbon disulfide	mg/kg	0.208	0.203	82.5	10-156	2.45	38	L405944-05	WG425508
Carbon tetrachloride	mg/kg	0.251	0.283	100.	12-149	12.1	34	L405944-05	WG425508
Chlorobenzene	mg/kg	0.201	0.216	79.2	17-134	7.24	34	L405944-05	WG425508
Chlorodibromomethane	mg/kg	0.247	0.225	96.6	28-147	9.21	32	L405944-05	WG425508
Chloroethane	mg/kg	0.267	0.271	107.	0-172	1.61	38	L405944-05	WG425508
Chloroform	mg/kg	0.253	0.243	97.0	28-138	4.02	30	L405944-05	WG425508
Chloromethane	mg/kg	0.272	0.270	109.	10-158	0.705	35	L405944-05	WG425508
cis-1,2-Dichloroethene	mg/kg	0.260	0.248	104.	21-147	4.78	31	L405944-05	WG425508
cis-1,3-Dichloropropene	mg/kg	0.240	0.244	96.2	17-145	1.68	32	L405944-05	WG425508
Dichlorodifluoromethane	mg/kg	0.289	0.289	116.	0-192	0.057	38	L405944-05	WG425508
Ethylbenzene	mg/kg	0.206	0.223	71.8	12-137	7.69	36	L405944-05	WG425508
Isopropylbenzene	mg/kg	0.218	0.239	66.5	14-134	9.51	37	L405944-05	WG425508
Methyl tert-butyl ether	mg/kg	0.289	0.240	116.	21-157	18.7	31	L405944-05	WG425508
Methylene Chloride	mg/kg	0.248	0.237	98.2	12-149	4.87	31	L405944-05	WG425508
Styrene	mg/kg	0.212	0.232	84.9	10-140	9.11	35	L405944-05	WG425508
Tetrachloroethene	mg/kg	0.190	0.209	76.1	10-131	9.69	35	L405944-05	WG425508
Toluene	mg/kg	0.221	0.228	88.2	12-136	3.12	32	L405944-05	WG425508
trans-1,2-Dichloroethene	mg/kg	0.240	0.233	96.0	10-143	2.73	33	L405944-05	WG425508
trans-1,3-Dichloropropene	mg/kg	0.248	0.217	97.7	16-147	13.4	32	L405944-05	WG425508
Trichloroethene	mg/kg	0.240	0.246	95.9	10-155	2.51	33	L405944-05	WG425508
Trichlorofluoromethane	mg/kg	0.310	0.308	124.	10-154	0.666	32	L405944-05	WG425508
Vinyl chloride	mg/kg	0.254	0.250	102.	10-159	1.50	36	L405944-05	WG425508
4-Bromofluorobenzene				81.86	59-140				WG425508
Dibromofluoromethane				113.0	63-139				WG425508
Toluene-d8				100.0	84-116				WG425508
Beryllium,Dissolved	mg/l	1.09	1.09	96.4	75-125	0.00	20	L406228-04	WG425440
Cadmium,Dissolved	mg/l	1.07	1.08	94.7	75-125	0.930	20	L406228-04	WG425440
Chromium,Dissolved	mg/l	1.05	1.06	92.7	75-125	0.948	20	L406228-04	WG425440
Copper,Dissolved	mg/l	1.14	1.14	101.	75-125	0.00	20	L406228-04	WG425440
Lead,Dissolved	mg/l	1.05	1.06	92.9	75-125	0.948	20	L406228-04	WG425440
Nickel,Dissolved	mg/l	1.09	1.10	96.5	75-125	0.913	20	L406228-04	WG425440
Selenium,Dissolved	mg/l	1.10	1.08	97.0	75-125	1.83	20	L406228-04	WG425440
Silver,Dissolved	mg/l	0.379	0.145	33.54*	75-125	89.3*	20	L406228-04	WG425440
Zinc,Dissolved	mg/l	1.09	1.09	96.2	75-125	0.00	20	L406228-04	WG425440
Antimony,Dissolved	mg/l	0.0565	0.0557	99.6	75-125	1.43	20	L405710-01	WG425437
Arsenic,Dissolved	mg/l	0.0542	0.0543	93.7	75-125	0.184	20	L405710-01	WG425437
Thallium,Dissolved	mg/l	0.0537	0.0533	94.7	75-125	0.748	20	L405710-01	WG425437
Mercury,Dissolved	mg/l	0.0029	0.0028	99.0	70-130	2.73	20	L405337-01	WG425098
Diesel (C7-C26)	mg/kg	31.1	31.8	74.1	50-150	2.19	20	L404245-12	WG425725
Motor Oil (C16-C40)	mg/kg	75.4	65.5	41.439*	50-150	14.1	20	L404245-12	WG425725
o-Terphenyl				68.65	50-150				WG425725

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SLR International Corp. - West Linn, OR
Chris Kramer

1800 Blankenship Road, Suite 440

West Linn, OR 97068

Quality Assurance Report
Level II

L405232

June 24, 2009

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit Ref	Samp	Batch
			Ref	%Rec					
Antimony	mg/l	0.0619	0.0614	108.	75-125	0.811	20	L405382-02	WG426003

Batch number /Run number / Sample number cross reference

WG424514: R767767: L405232-09
 WG424509: R768708: L405232-09
 WG424513: R769006: L405232-06
 WG424512: R769767: L405232-07 08
 WG424709: R770566: L405232-09
 WG424561: R771007: L405232-01 03 05
 WG424808: R771967: L405232-06
 WG424697: R772009: L405232-07 08
 WG424613: R772288: L405232-09
 WG424552: R772367: L405232-08
 WG424733: R772686: L405232-08
 WG425034: R775071: L405232-09
 WG425407: R775926: L405232-09
 WG424546: R776106: L405232-08
 WG425075: R776946: L405232-09
 WG425406: R777008: L405232-07
 WG425508: R777028: L405232-08
 WG425440: R777187: L405232-09
 WG425437: R777348: L405232-09
 WG425098: R777767: L405232-09
 WG425725: R778647: L405232-08
 WG426003: R779488: L405232-09
 WG427744: R789452: L405232-06 09

* * Calculations are performed prior to rounding of reported values .
 * Performance of this Analyte is outside of established criteria.
 For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'



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Level II

West Linn, OR 97068

L405232

June 24, 2009

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.



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Chris Kramer
SLR International Corp. - West Linn, OR
1800 Blankenship Road, Suite 440

West Linn, OR 97068

Report Summary

Wednesday June 24, 2009

Report Number: L405501

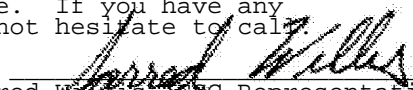
Samples Received: 06/03/09

Client Project: 008.0339.00001

Description: Bay Wood Project - Everett, WA

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:


Jarred Willis, ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140
NJ - TN002, NJ NELAP - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910

Accreditation is only applicable to the test methods specified on each scope of accreditation held by ESC Lab Sciences.

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Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.



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REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 24, 2009

Date Received : June 03, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : SP-E1-C
Collected By : Chris Kramer
Collection Date : 06/02/09 12:53

ESC Sample # : L405501-01
Site ID : EVERETT, WA
Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
Total Solids	81.6			%		2540G	06/05/09	1
Mercury	0.077	0.0025	0.024	mg/kg		7471	06/05/09	1
Antimony	U	0.52	1.2	mg/kg		6010B	06/06/09	1
Arsenic	3.1	0.27	1.2	mg/kg		6010B	06/06/09	1
Beryllium	0.69	0.038	0.12	mg/kg		6010B	06/06/09	1
Cadmium	U	0.037	0.31	mg/kg		6010B	06/06/09	1
Chromium	40.	0.098	0.61	mg/kg		6010B	06/06/09	1
Copper	44.	0.30	1.2	mg/kg		6010B	06/06/09	1
Lead	11.	0.096	0.31	mg/kg		6010B	06/06/09	1
Nickel	34.	0.49	1.2	mg/kg		6010B	06/06/09	1
Selenium	U	0.33	1.2	mg/kg		6010B	06/06/09	1
Silver	U	0.16	0.61	mg/kg		6010B	06/06/09	1
Thallium	U	1.5	6.1	mg/kg	O	6010B	06/07/09	5
Zinc	51.	0.44	1.8	mg/kg		6010B	06/06/09	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	0.070	0.0013	0.0074	mg/kg		8270C-SI	06/05/09	1
Acenaphthene	0.011	0.0013	0.0074	mg/kg		8270C-SI	06/05/09	1
Acenaphthylene	0.037	0.0011	0.0074	mg/kg		8270C-SI	06/05/09	1
Benzo(a)anthracene	0.75	0.019	0.15	mg/kg		8270C-SI	06/07/09	20
Benzo(a)pyrene	0.15	0.00083	0.0074	mg/kg		8270C-SI	06/05/09	1
Benzo(b)fluoranthene	0.60	0.029	0.15	mg/kg		8270C-SI	06/07/09	20
Benzo(g,h,i)perylene	0.058	0.00098	0.0074	mg/kg		8270C-SI	06/05/09	1
Benzo(k)fluoranthene	0.11	0.0012	0.0074	mg/kg		8270C-SI	06/05/09	1
Chrysene	0.82	0.017	0.15	mg/kg		8270C-SI	06/07/09	20
Dibenz(a,h)anthracene	0.032	0.00089	0.0074	mg/kg		8270C-SI	06/05/09	1
Fluoranthene	2.2	0.016	0.15	mg/kg		8270C-SI	06/07/09	20
Fluorene	0.020	0.0010	0.0074	mg/kg		8270C-SI	06/05/09	1
Indeno(1,2,3-cd)pyrene	0.065	0.00088	0.0074	mg/kg		8270C-SI	06/05/09	1
Naphthalene	0.046	0.0014	0.0074	mg/kg		8270C-SI	06/05/09	1
Phenanthrene	0.081	0.00098	0.0074	mg/kg		8270C-SI	06/05/09	1
Pyrene	1.1	0.019	0.15	mg/kg		8270C-SI	06/07/09	20
1-Methylnaphthalene	0.0077	0.0015	0.0074	mg/kg		8270C-SI	06/05/09	1
2-Methylnaphthalene	0.018	0.0020	0.0074	mg/kg		8270C-SI	06/05/09	1
2-Chloronaphthalene	U	0.0010	0.0074	mg/kg		8270C-SI	06/05/09	1
Surrogate Recovery								
Nitrobenzene-d5	53.4			% Rec.		8270C-SI	06/05/09	1
2-Fluorobiphenyl	45.2			% Rec.		8270C-SI	06/05/09	1
p-Terphenyl-d14	61.3			% Rec.		8270C-SI	06/05/09	1

Results listed are dry weight basis.

U = ND (Not Detected)

MDL = Minimum Detection Limit = LOD

RDL = Reported Detection Limit = LOQ = PQL = EQL

Note:

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REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 24, 2009

Date Received : June 03, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : SP-E2-C
Collected By : Chris Kramer
Collection Date : 06/02/09 13:10

ESC Sample # : L405501-02

Site ID : EVERETT, WA

Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
Total Solids	77.6			%		2540G	06/05/09	1
Mercury	0.093	0.0025	0.026	mg/kg		7471	06/05/09	1
Antimony	U	0.52	1.3	mg/kg		6010B	06/06/09	1
Arsenic	2.4	0.27	1.3	mg/kg		6010B	06/06/09	1
Beryllium	0.67	0.038	0.13	mg/kg		6010B	06/06/09	1
Cadmium	U	0.037	0.32	mg/kg		6010B	06/06/09	1
Chromium	37.	0.098	0.64	mg/kg		6010B	06/06/09	1
Copper	64.	0.30	1.3	mg/kg		6010B	06/06/09	1
Lead	15.	0.096	0.32	mg/kg		6010B	06/06/09	1
Nickel	34.	0.49	1.3	mg/kg		6010B	06/06/09	1
Selenium	U	0.33	1.3	mg/kg		6010B	06/06/09	1
Silver	U	0.16	0.64	mg/kg		6010B	06/06/09	1
Thallium	U	1.5	6.4	mg/kg	O	6010B	06/07/09	5
Zinc	60.	0.44	1.9	mg/kg		6010B	06/06/09	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	0.046	0.0013	0.0077	mg/kg		8270C-SI	06/05/09	1
Acenaphthene	0.0067	0.0013	0.0077	mg/kg	J	8270C-SI	06/05/09	1
Acenaphthylene	0.015	0.0011	0.0077	mg/kg		8270C-SI	06/05/09	1
Benzo(a)anthracene	0.072	0.00096	0.0077	mg/kg		8270C-SI	06/05/09	1
Benzo(a)pyrene	0.040	0.00083	0.0077	mg/kg		8270C-SI	06/05/09	1
Benzo(b)fluoranthene	0.088	0.0014	0.0077	mg/kg		8270C-SI	06/05/09	1
Benzo(g,h,i)perylene	0.026	0.00098	0.0077	mg/kg		8270C-SI	06/05/09	1
Benzo(k)fluoranthene	0.046	0.0012	0.0077	mg/kg		8270C-SI	06/05/09	1
Chrysene	0.15	0.00087	0.0077	mg/kg		8270C-SI	06/05/09	1
Dibenz(a,h)anthracene	0.012	0.00089	0.0077	mg/kg		8270C-SI	06/05/09	1
Fluoranthene	0.068	0.00081	0.0077	mg/kg		8270C-SI	06/05/09	1
Fluorene	0.017	0.0010	0.0077	mg/kg		8270C-SI	06/05/09	1
Indeno(1,2,3-cd)pyrene	0.026	0.00088	0.0077	mg/kg		8270C-SI	06/05/09	1
Naphthalene	0.028	0.0014	0.0077	mg/kg		8270C-SI	06/05/09	1
Phenanthrene	0.060	0.00098	0.0077	mg/kg		8270C-SI	06/05/09	1
Pyrene	0.075	0.00096	0.0077	mg/kg		8270C-SI	06/05/09	1
1-Methylnaphthalene	0.0063	0.0015	0.0077	mg/kg	J	8270C-SI	06/05/09	1
2-Methylnaphthalene	0.017	0.0020	0.0077	mg/kg		8270C-SI	06/05/09	1
2-Chloronaphthalene	U	0.0010	0.0077	mg/kg		8270C-SI	06/05/09	1
Surrogate Recovery								
Nitrobenzene-d5	44.8			% Rec.		8270C-SI	06/05/09	1
2-Fluorobiphenyl	40.2			% Rec.		8270C-SI	06/05/09	1
p-Terphenyl-d14	49.6			% Rec.		8270C-SI	06/05/09	1

Results listed are dry weight basis.

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REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 24, 2009

Date Received : June 03, 2009
Description : Bay Wood Project - Everett, WA

ESC Sample # : L405501-03

Sample ID : SP-E3-C

Site ID : EVERETT, WA

Collected By : Chris Kramer
Collection Date : 06/02/09 13:13

Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
Total Solids	83.5			%		2540G	06/05/09	1
Mercury	0.071	0.0025	0.024	mg/kg		7471	06/05/09	1
Antimony	U	0.52	1.2	mg/kg		6010B	06/06/09	1
Arsenic	2.2	0.27	1.2	mg/kg		6010B	06/06/09	1
Beryllium	0.71	0.038	0.12	mg/kg		6010B	06/06/09	1
Cadmium	U	0.037	0.30	mg/kg		6010B	06/06/09	1
Chromium	42.	0.098	0.60	mg/kg		6010B	06/06/09	1
Copper	41.	0.30	1.2	mg/kg		6010B	06/06/09	1
Lead	9.5	0.096	0.30	mg/kg		6010B	06/06/09	1
Nickel	37.	0.49	1.2	mg/kg		6010B	06/06/09	1
Selenium	U	0.33	1.2	mg/kg		6010B	06/06/09	1
Silver	U	0.16	0.60	mg/kg		6010B	06/06/09	1
Thallium	U	1.5	6.0	mg/kg	O	6010B	06/07/09	5
Zinc	54.	0.44	1.8	mg/kg		6010B	06/06/09	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	0.029	0.0013	0.0072	mg/kg		8270C-SI	06/05/09	1
Acenaphthene	0.0068	0.0013	0.0072	mg/kg	J	8270C-SI	06/05/09	1
Acenaphthylene	0.013	0.0011	0.0072	mg/kg		8270C-SI	06/05/09	1
Benzo(a)anthracene	0.051	0.00096	0.0072	mg/kg		8270C-SI	06/05/09	1
Benzo(a)pyrene	0.026	0.00083	0.0072	mg/kg		8270C-SI	06/05/09	1
Benzo(b)fluoranthene	0.079	0.0014	0.0072	mg/kg		8270C-SI	06/05/09	1
Benzo(g,h,i)perylene	0.022	0.00098	0.0072	mg/kg		8270C-SI	06/05/09	1
Benzo(k)fluoranthene	0.026	0.0012	0.0072	mg/kg		8270C-SI	06/05/09	1
Chrysene	0.089	0.00087	0.0072	mg/kg		8270C-SI	06/05/09	1
Dibenz(a,h)anthracene	0.0095	0.00089	0.0072	mg/kg		8270C-SI	06/05/09	1
Fluoranthene	0.11	0.00081	0.0072	mg/kg		8270C-SI	06/05/09	1
Fluorene	0.0093	0.0010	0.0072	mg/kg		8270C-SI	06/05/09	1
Indeno(1,2,3-cd)pyrene	0.022	0.00088	0.0072	mg/kg		8270C-SI	06/05/09	1
Naphthalene	0.038	0.0014	0.0072	mg/kg		8270C-SI	06/05/09	1
Phenanthrene	0.041	0.00098	0.0072	mg/kg		8270C-SI	06/05/09	1
Pyrene	0.089	0.00096	0.0072	mg/kg		8270C-SI	06/05/09	1
1-Methylnaphthalene	0.0061	0.0015	0.0072	mg/kg	J	8270C-SI	06/05/09	1
2-Methylnaphthalene	0.011	0.0020	0.0072	mg/kg		8270C-SI	06/05/09	1
2-Chloronaphthalene	U	0.0010	0.0072	mg/kg		8270C-SI	06/05/09	1
Surrogate Recovery								
Nitrobenzene-d5	54.4			% Rec.		8270C-SI	06/05/09	1
2-Fluorobiphenyl	44.1			% Rec.		8270C-SI	06/05/09	1
p-Terphenyl-d14	54.7			% Rec.		8270C-SI	06/05/09	1

Results listed are dry weight basis.

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REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 24, 2009

Date Received : June 03, 2009
Description : Bay Wood Project - Everett, WA

ESC Sample # : L405501-04

Sample ID : SP-E4-C

Site ID : EVERETT, WA

Collected By : Chris Kramer
Collection Date : 06/02/09 13:33

Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
Total Solids	87.2			%		2540G	06/05/09	1
Mercury	0.069	0.0025	0.023	mg/kg		7471	06/05/09	1
Antimony	U	0.52	1.1	mg/kg		6010B	06/06/09	1
Arsenic	2.9	0.27	1.1	mg/kg		6010B	06/06/09	1
Beryllium	0.63	0.038	0.11	mg/kg		6010B	06/06/09	1
Cadmium	U	0.037	0.29	mg/kg		6010B	06/06/09	1
Chromium	34.	0.098	0.57	mg/kg		6010B	06/06/09	1
Copper	33.	0.30	1.1	mg/kg		6010B	06/06/09	1
Lead	10.	0.096	0.29	mg/kg		6010B	06/06/09	1
Nickel	34.	0.49	1.1	mg/kg		6010B	06/06/09	1
Selenium	U	0.33	1.1	mg/kg		6010B	06/06/09	1
Silver	U	0.16	0.57	mg/kg		6010B	06/06/09	1
Thallium	U	1.5	5.7	mg/kg	O	6010B	06/07/09	5
Zinc	57.	0.44	1.7	mg/kg		6010B	06/06/09	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	0.044	0.0013	0.0069	mg/kg		8270C-SI	06/05/09	1
Acenaphthene	0.0029	0.0013	0.0069	mg/kg	J	8270C-SI	06/05/09	1
Acenaphthylene	0.017	0.0011	0.0069	mg/kg		8270C-SI	06/05/09	1
Benzo(a)anthracene	0.15	0.00096	0.0069	mg/kg		8270C-SI	06/05/09	1
Benzo(a)pyrene	0.080	0.00083	0.0069	mg/kg		8270C-SI	06/05/09	1
Benzo(b)fluoranthene	0.21	0.0014	0.0069	mg/kg		8270C-SI	06/05/09	1
Benzo(g,h,i)perylene	0.032	0.00098	0.0069	mg/kg		8270C-SI	06/05/09	1
Benzo(k)fluoranthene	0.095	0.0012	0.0069	mg/kg		8270C-SI	06/05/09	1
Chrysene	0.24	0.00087	0.0069	mg/kg		8270C-SI	06/05/09	1
Dibenz(a,h)anthracene	0.019	0.00089	0.0069	mg/kg		8270C-SI	06/05/09	1
Fluoranthene	0.25	0.00081	0.0069	mg/kg		8270C-SI	06/05/09	1
Fluorene	0.011	0.0010	0.0069	mg/kg		8270C-SI	06/05/09	1
Indeno(1,2,3-cd)pyrene	0.037	0.00088	0.0069	mg/kg		8270C-SI	06/05/09	1
Naphthalene	0.0081	0.0014	0.0069	mg/kg		8270C-SI	06/05/09	1
Phenanthrene	0.060	0.00098	0.0069	mg/kg		8270C-SI	06/05/09	1
Pyrene	0.16	0.00096	0.0069	mg/kg		8270C-SI	06/05/09	1
1-Methylnaphthalene	0.0021	0.0015	0.0069	mg/kg	J	8270C-SI	06/05/09	1
2-Methylnaphthalene	0.0046	0.0020	0.0069	mg/kg	J	8270C-SI	06/05/09	1
2-Chloronaphthalene	U	0.0010	0.0069	mg/kg		8270C-SI	06/05/09	1
Surrogate Recovery								
Nitrobenzene-d5	31.2			% Rec.		8270C-SI	06/05/09	1
2-Fluorobiphenyl	30.7			% Rec.	J2	8270C-SI	06/05/09	1
p-Terphenyl-d14	37.9			% Rec.		8270C-SI	06/05/09	1

Base/Neutral Extractables

Results listed are dry weight basis.

U = ND (Not Detected)

MDL = Minimum Detection Limit = LOD

RDL = Reported Detection Limit = LOQ = PQL = EQL

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REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 24, 2009

Date Received : June 03, 2009
Description : Bay Wood Project - Everett, WA

ESC Sample # : L405501-04

Sample ID : SP-E4-C

Site ID : EVERETT, WA

Collected By : Chris Kramer
Collection Date : 06/02/09 13:33

Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
Acenaphthylene	U	0.028	0.038	mg/kg		8270C	06/04/09	1
Acetophenone	U	0.011	0.038	mg/kg		8270C	06/04/09	1
Atrazine	U	0.11	0.38	mg/kg		8270C	06/04/09	1
Benzaldehyde	U	0.11	0.38	mg/kg		8270C	06/04/09	1
Biphenyl	U	0.11	0.38	mg/kg		8270C	06/04/09	1
Bis(2-chlorethoxy)methane	U	0.032	0.38	mg/kg		8270C	06/04/09	1
Bis(2-chloroethyl)ether	U	0.028	0.38	mg/kg		8270C	06/04/09	1
Bis(2-chloroisopropyl)ether	U	0.033	0.38	mg/kg		8270C	06/04/09	1
4-Bromophenyl-phenylether	U	0.022	0.38	mg/kg		8270C	06/04/09	1
2-Chloronaphthalene	U	0.026	0.38	mg/kg		8270C	06/04/09	1
4-Chlorophenyl-phenylether	U	0.025	0.38	mg/kg		8270C	06/04/09	1
3,3-Dichlorobenzidine	U	0.31	3.8	mg/kg		8270C	06/07/09	10
2,4-Dinitrotoluene	U	0.025	0.38	mg/kg		8270C	06/04/09	1
2,6-Dinitrotoluene	U	0.023	0.38	mg/kg		8270C	06/04/09	1
Hexachlorobenzene	U	0.025	0.38	mg/kg		8270C	06/04/09	1
Hexachloro-1,3-butadiene	U	0.032	0.38	mg/kg		8270C	06/04/09	1
Hexachlorocyclopentadiene	U	0.035	0.38	mg/kg		8270C	06/04/09	1
Hexachloroethane	U	0.033	0.38	mg/kg		8270C	06/04/09	1
Isophorone	U	0.038	0.38	mg/kg		8270C	06/04/09	1
2-Methylnaphthalene	U	0.026	0.38	mg/kg		8270C	06/04/09	1
2-Methylphenol	U	0.033	0.38	mg/kg		8270C	06/04/09	1
3&4-Methyl Phenol	U	0.033	0.38	mg/kg	J4	8270C	06/04/09	1
2-Nitroaniline	U	0.021	0.38	mg/kg		8270C	06/04/09	1
3-Nitroaniline	U	0.065	0.38	mg/kg		8270C	06/04/09	1
4-Nitroaniline	U	0.038	0.38	mg/kg		8270C	06/04/09	1
Nitrobenzene	U	0.028	0.38	mg/kg		8270C	06/04/09	1
n-Nitrosodiphenylamine	U	0.034	0.38	mg/kg		8270C	06/04/09	1
n-Nitrosodi-n-propylamine	U	0.033	0.38	mg/kg		8270C	06/04/09	1
Benzylbutyl phthalate	U	0.38	3.8	mg/kg		8270C	06/07/09	10
Caprolactam	U	0.11	0.38	mg/kg		8270C	06/04/09	1
Carbazole	U	0.029	0.38	mg/kg		8270C	06/04/09	1
Bis(2-ethylhexyl)phthalate	U	0.60	3.8	mg/kg		8270C	06/07/09	10
4-Chloroaniline	U	0.036	0.38	mg/kg		8270C	06/04/09	1
Di-n-butyl phthalate	U	0.027	0.38	mg/kg		8270C	06/04/09	1
Dibenzofuran	U	0.022	0.38	mg/kg		8270C	06/04/09	1
Diethyl phthalate	U	0.040	0.38	mg/kg		8270C	06/04/09	1
Dimethyl phthalate	U	0.026	0.38	mg/kg		8270C	06/04/09	1
Di-n-octyl phthalate	U	0.36	3.8	mg/kg		8270C	06/07/09	10
Acid Extractables								
4-Chloro-3-methylphenol	U	0.034	0.38	mg/kg		8270C	06/04/09	1
2-Chlorophenol	U	0.031	0.38	mg/kg		8270C	06/04/09	1
2,4-Dichlorophenol	U	0.024	0.38	mg/kg		8270C	06/04/09	1
2,4-Dimethylphenol	U	0.038	0.38	mg/kg		8270C	06/04/09	1

Results listed are dry weight basis.

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REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 24, 2009

Date Received : June 03, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : SP-E4-C
Collected By : Chris Kramer
Collection Date : 06/02/09 13:33

ESC Sample # : L405501-04

Site ID : EVERETT, WA

Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
4,6-Dinitro-2-methylphenol	U	0.040	0.38	mg/kg		8270C	06/04/09	1
2,4-Dinitrophenol	U	0.041	0.38	mg/kg		8270C	06/04/09	1
2-Nitrophenol	U	0.027	0.38	mg/kg		8270C	06/04/09	1
4-Nitrophenol	U	0.027	0.38	mg/kg		8270C	06/04/09	1
Pentachlorophenol	U	0.031	0.38	mg/kg		8270C	06/04/09	1
Phenol	U	0.029	0.38	mg/kg		8270C	06/04/09	1
1,2,4,5-Tetrachlorobenzene	U	0.016	0.057	mg/kg		8270C	06/04/09	1
2,4,5-Trichlorophenol	U	0.030	0.38	mg/kg		8270C	06/04/09	1
2,4,6-Trichlorophenol	U	0.028	0.38	mg/kg		8270C	06/04/09	1
2,3,4,6-Tetrachlorophenol	U	0.016	0.057	mg/kg		8270C	06/17/09	1
Benzo(a)anthracene	U	0.32	3.8	mg/kg		8270C	06/07/09	10
Benzo(a)pyrene	0.081	0.027	0.38	mg/kg	J	8270C	06/04/09	1
Benzo(b)fluoranthene	0.19	0.030	0.38	mg/kg	J	8270C	06/04/09	1
Benzo(k)fluoranthene	0.11	0.031	0.38	mg/kg	J	8270C	06/04/09	1
Chrysene	0.44	0.35	3.8	mg/kg	J	8270C	06/07/09	10
Dibenz(a,h)anthracene	U	0.028	0.38	mg/kg		8270C	06/04/09	1
Indeno(1,2,3-cd)pyrene	U	0.029	0.38	mg/kg		8270C	06/04/09	1
Acenaphthene	U	0.024	0.38	mg/kg		8270C	06/04/09	1
Anthracene	0.033	0.023	0.38	mg/kg	J	8270C	06/04/09	1
Benzo(g,h,i)perylene	U	0.029	0.38	mg/kg		8270C	06/04/09	1
Fluoranthene	0.40	0.024	0.38	mg/kg		8270C	06/04/09	1
Fluorene	U	0.023	0.38	mg/kg		8270C	06/04/09	1
Naphthalene	U	0.026	0.38	mg/kg		8270C	06/04/09	1
Phenanthrene	0.095	0.025	0.38	mg/kg	J	8270C	06/04/09	1
Pyrene	0.53	0.36	3.8	mg/kg	J	8270C	06/07/09	10
Surrogate Recovery								
Nitrobenzene-d5	50.3			% Rec.		8270C	06/04/09	1
2-Fluorobiphenyl	57.1			% Rec.		8270C	06/04/09	1
p-Terphenyl-d14	126.			% Rec.		8270C	06/07/09	10
Phenol-d5	53.2			% Rec.		8270C	06/04/09	1
2-Fluorophenol	53.8			% Rec.		8270C	06/04/09	1
2,4,6-Tribromophenol	65.9			% Rec.		8270C	06/04/09	1

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REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 24, 2009

Date Received : June 03, 2009
Description : Bay Wood Project - Everett, WA

ESC Sample # : L405501-05

Sample ID : SP-E5-C

Site ID : EVERETT, WA

Collected By : Chris Kramer
Collection Date : 06/02/09 13:40

Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
Total Solids	92.6			%		2540G	06/05/09	1
Mercury	0.081	0.0025	0.022	mg/kg		7471	06/05/09	1
Antimony	U	0.52	1.1	mg/kg		6010B	06/06/09	1
Arsenic	1.7	0.27	1.1	mg/kg		6010B	06/06/09	1
Beryllium	0.67	0.038	0.11	mg/kg		6010B	06/06/09	1
Cadmium	U	0.037	0.27	mg/kg		6010B	06/06/09	1
Chromium	36.	0.098	0.54	mg/kg		6010B	06/06/09	1
Copper	33.	0.30	1.1	mg/kg		6010B	06/06/09	1
Lead	10.	0.096	0.27	mg/kg		6010B	06/06/09	1
Nickel	33.	0.49	1.1	mg/kg		6010B	06/06/09	1
Selenium	U	0.33	1.1	mg/kg		6010B	06/06/09	1
Silver	U	0.16	0.54	mg/kg		6010B	06/06/09	1
Thallium	U	1.5	5.4	mg/kg	O	6010B	06/07/09	5
Zinc	51.	0.44	1.6	mg/kg		6010B	06/06/09	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	0.050	0.0013	0.0065	mg/kg		8270C-SI	06/05/09	1
Acenaphthene	0.022	0.0013	0.0065	mg/kg		8270C-SI	06/05/09	1
Acenaphthylene	0.017	0.0011	0.0065	mg/kg		8270C-SI	06/05/09	1
Benzo(a)anthracene	0.10	0.00096	0.0065	mg/kg		8270C-SI	06/05/09	1
Benzo(a)pyrene	0.038	0.00083	0.0065	mg/kg		8270C-SI	06/05/09	1
Benzo(b)fluoranthene	0.10	0.0014	0.0065	mg/kg		8270C-SI	06/05/09	1
Benzo(g,h,i)perylene	0.022	0.00098	0.0065	mg/kg		8270C-SI	06/05/09	1
Benzo(k)fluoranthene	0.042	0.0012	0.0065	mg/kg		8270C-SI	06/05/09	1
Chrysene	0.13	0.00087	0.0065	mg/kg		8270C-SI	06/05/09	1
Dibenz(a,h)anthracene	0.012	0.00089	0.0065	mg/kg		8270C-SI	06/05/09	1
Fluoranthene	0.24	0.00081	0.0065	mg/kg		8270C-SI	06/05/09	1
Fluorene	0.024	0.0010	0.0065	mg/kg		8270C-SI	06/05/09	1
Indeno(1,2,3-cd)pyrene	0.023	0.00088	0.0065	mg/kg		8270C-SI	06/05/09	1
Naphthalene	0.030	0.0014	0.0065	mg/kg		8270C-SI	06/05/09	1
Phenanthrene	0.093	0.00098	0.0065	mg/kg		8270C-SI	06/05/09	1
Pyrene	0.10	0.00096	0.0065	mg/kg		8270C-SI	06/05/09	1
1-Methylnaphthalene	0.0091	0.0015	0.0065	mg/kg		8270C-SI	06/05/09	1
2-Methylnaphthalene	0.020	0.0020	0.0065	mg/kg		8270C-SI	06/05/09	1
2-Chloronaphthalene	U	0.0010	0.0065	mg/kg		8270C-SI	06/05/09	1
Surrogate Recovery								
Nitrobenzene-d5	44.8			% Rec.		8270C-SI	06/05/09	1
2-Fluorobiphenyl	40.4			% Rec.		8270C-SI	06/05/09	1
p-Terphenyl-d14	48.7			% Rec.		8270C-SI	06/05/09	1

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REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 24, 2009

Date Received : June 03, 2009
Description : Bay Wood Project - Everett, WA

ESC Sample # : L405501-06

Sample ID : SP-E6-C

Site ID : EVERETT, WA

Collected By : Chris Kramer
Collection Date : 06/02/09 13:52

Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
Total Solids	94.4			%		2540G	06/05/09	1
Mercury	0.072	0.0025	0.021	mg/kg		7471	06/05/09	1
Antimony	U	0.52	1.0	mg/kg		6010B	06/06/09	1
Arsenic	5.6	0.27	1.0	mg/kg		6010B	06/06/09	1
Beryllium	0.55	0.038	0.10	mg/kg		6010B	06/06/09	1
Cadmium	U	0.037	0.26	mg/kg		6010B	06/06/09	1
Chromium	26.	0.098	0.53	mg/kg		6010B	06/06/09	1
Copper	32.	0.30	1.0	mg/kg		6010B	06/06/09	1
Lead	14.	0.096	0.26	mg/kg		6010B	06/06/09	1
Nickel	28.	0.49	1.0	mg/kg		6010B	06/06/09	1
Selenium	U	0.33	1.0	mg/kg		6010B	06/06/09	1
Silver	U	0.16	0.53	mg/kg		6010B	06/06/09	1
Thallium	U	1.5	5.3	mg/kg	O	6010B	06/07/09	5
Zinc	65.	0.44	1.6	mg/kg		6010B	06/06/09	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	0.010	0.0013	0.0064	mg/kg		8270C-SI	06/05/09	1
Acenaphthene	0.0025	0.0013	0.0064	mg/kg	J	8270C-SI	06/05/09	1
Acenaphthylene	0.0085	0.0011	0.0064	mg/kg		8270C-SI	06/05/09	1
Benzo(a)anthracene	0.023	0.00096	0.0064	mg/kg		8270C-SI	06/05/09	1
Benzo(a)pyrene	0.022	0.00083	0.0064	mg/kg		8270C-SI	06/05/09	1
Benzo(b)fluoranthene	0.030	0.0014	0.0064	mg/kg		8270C-SI	06/05/09	1
Benzo(g,h,i)perylene	0.015	0.00098	0.0064	mg/kg		8270C-SI	06/05/09	1
Benzo(k)fluoranthene	0.013	0.0012	0.0064	mg/kg		8270C-SI	06/05/09	1
Chrysene	0.022	0.00087	0.0064	mg/kg		8270C-SI	06/05/09	1
Dibenz(a,h)anthracene	0.0050	0.00089	0.0064	mg/kg	J	8270C-SI	06/05/09	1
Fluoranthene	0.053	0.00081	0.0064	mg/kg		8270C-SI	06/05/09	1
Fluorene	0.0044	0.0010	0.0064	mg/kg	J	8270C-SI	06/05/09	1
Indeno(1,2,3-cd)pyrene	0.014	0.00088	0.0064	mg/kg		8270C-SI	06/05/09	1
Naphthalene	0.0066	0.0014	0.0064	mg/kg		8270C-SI	06/05/09	1
Phenanthrene	0.034	0.00098	0.0064	mg/kg		8270C-SI	06/05/09	1
Pyrene	0.039	0.00096	0.0064	mg/kg		8270C-SI	06/05/09	1
1-Methylnaphthalene	0.0023	0.0015	0.0064	mg/kg	J	8270C-SI	06/05/09	1
2-Methylnaphthalene	0.0035	0.0020	0.0064	mg/kg	J	8270C-SI	06/05/09	1
2-Chloronaphthalene	U	0.0010	0.0064	mg/kg		8270C-SI	06/05/09	1
Surrogate Recovery								
Nitrobenzene-d5	34.8			% Rec.		8270C-SI	06/05/09	1
2-Fluorobiphenyl	37.9			% Rec.		8270C-SI	06/05/09	1
p-Terphenyl-d14	40.9			% Rec.		8270C-SI	06/05/09	1

Results listed are dry weight basis.

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REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 24, 2009

Date Received : June 03, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : SP-E7-C
Collected By : Chris Kramer
Collection Date : 06/02/09 14:00

ESC Sample # : L405501-07

Site ID : EVERETT, WA

Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
Total Solids	94.8			%		2540G	06/05/09	1
Mercury	0.044	0.0025	0.021	mg/kg		7471	06/05/09	1
Antimony	U	0.52	1.0	mg/kg		6010B	06/06/09	1
Arsenic	10.	0.27	1.0	mg/kg		6010B	06/06/09	1
Beryllium	0.55	0.038	0.10	mg/kg		6010B	06/06/09	1
Cadmium	U	0.037	0.26	mg/kg		6010B	06/06/09	1
Chromium	27.	0.098	0.53	mg/kg		6010B	06/06/09	1
Copper	38.	0.30	1.0	mg/kg		6010B	06/06/09	1
Lead	36.	0.096	0.26	mg/kg		6010B	06/06/09	1
Nickel	32.	0.49	1.0	mg/kg		6010B	06/06/09	1
Selenium	U	0.33	1.0	mg/kg		6010B	06/06/09	1
Silver	U	0.16	0.53	mg/kg		6010B	06/06/09	1
Thallium	U	1.5	5.3	mg/kg	O	6010B	06/07/09	5
Zinc	180	0.44	1.6	mg/kg		6010B	06/06/09	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	0.035	0.0013	0.0063	mg/kg		8270C-SI	06/05/09	1
Acenaphthene	0.0099	0.0013	0.0063	mg/kg		8270C-SI	06/05/09	1
Acenaphthylene	0.018	0.0011	0.0063	mg/kg		8270C-SI	06/05/09	1
Benzo(a)anthracene	0.14	0.00096	0.0063	mg/kg		8270C-SI	06/05/09	1
Benzo(a)pyrene	0.080	0.00083	0.0063	mg/kg		8270C-SI	06/05/09	1
Benzo(b)fluoranthene	0.14	0.0014	0.0063	mg/kg		8270C-SI	06/05/09	1
Benzo(g,h,i)perylene	0.026	0.00098	0.0063	mg/kg		8270C-SI	06/05/09	1
Benzo(k)fluoranthene	0.072	0.0012	0.0063	mg/kg		8270C-SI	06/05/09	1
Chrysene	0.097	0.00087	0.0063	mg/kg		8270C-SI	06/05/09	1
Dibenz(a,h)anthracene	0.014	0.00089	0.0063	mg/kg		8270C-SI	06/05/09	1
Fluoranthene	0.14	0.00081	0.0063	mg/kg		8270C-SI	06/05/09	1
Fluorene	0.012	0.0010	0.0063	mg/kg		8270C-SI	06/05/09	1
Indeno(1,2,3-cd)pyrene	0.028	0.00088	0.0063	mg/kg		8270C-SI	06/05/09	1
Naphthalene	0.017	0.0014	0.0063	mg/kg		8270C-SI	06/05/09	1
Phenanthrene	0.044	0.00098	0.0063	mg/kg		8270C-SI	06/05/09	1
Pyrene	0.086	0.00096	0.0063	mg/kg		8270C-SI	06/05/09	1
1-Methylnaphthalene	0.0055	0.0015	0.0063	mg/kg	J	8270C-SI	06/05/09	1
2-Methylnaphthalene	0.0097	0.0020	0.0063	mg/kg		8270C-SI	06/05/09	1
2-Chloronaphthalene	U	0.0010	0.0063	mg/kg		8270C-SI	06/05/09	1
Surrogate Recovery								
Nitrobenzene-d5	65.8			% Rec.		8270C-SI	06/05/09	1
2-Fluorobiphenyl	60.3			% Rec.		8270C-SI	06/05/09	1
p-Terphenyl-d14	57.4			% Rec.		8270C-SI	06/05/09	1

Results listed are dry weight basis.

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REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 24, 2009

Date Received : June 03, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : SP-M1-C
Collected By : Chris Kramer
Collection Date : 06/02/09 14:12

ESC Sample # : L405501-08

Site ID : EVERETT, WA

Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
Total Solids	79.1			%		2540G	06/05/09	1
Mercury	0.11	0.0025	0.025	mg/kg		7471	06/05/09	1
Antimony	U	0.52	1.3	mg/kg		6010B	06/06/09	1
Arsenic	3.5	0.27	1.3	mg/kg		6010B	06/06/09	1
Beryllium	0.68	0.038	0.13	mg/kg		6010B	06/06/09	1
Cadmium	U	0.037	0.32	mg/kg		6010B	06/06/09	1
Chromium	40.	0.098	0.63	mg/kg		6010B	06/06/09	1
Copper	52.	0.30	1.3	mg/kg		6010B	06/06/09	1
Lead	15.	0.096	0.32	mg/kg		6010B	06/06/09	1
Nickel	35.	0.49	1.3	mg/kg		6010B	06/06/09	1
Selenium	U	0.33	1.3	mg/kg		6010B	06/06/09	1
Silver	U	0.16	0.63	mg/kg		6010B	06/06/09	1
Thallium	U	1.5	6.3	mg/kg	O	6010B	06/07/09	5
Zinc	130	0.44	1.9	mg/kg		6010B	06/06/09	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	0.077	0.0013	0.0076	mg/kg		8270C-SI	06/05/09	1
Acenaphthene	0.024	0.0013	0.0076	mg/kg		8270C-SI	06/05/09	1
Acenaphthylene	0.034	0.0011	0.0076	mg/kg		8270C-SI	06/05/09	1
Benzo(a)anthracene	0.15	0.00096	0.0076	mg/kg		8270C-SI	06/05/09	1
Benzo(a)pyrene	0.072	0.00083	0.0076	mg/kg		8270C-SI	06/05/09	1
Benzo(b)fluoranthene	0.23	0.0014	0.0076	mg/kg		8270C-SI	06/05/09	1
Benzo(g,h,i)perylene	0.032	0.00098	0.0076	mg/kg		8270C-SI	06/05/09	1
Benzo(k)fluoranthene	0.070	0.0012	0.0076	mg/kg		8270C-SI	06/05/09	1
Chrysene	0.20	0.00087	0.0076	mg/kg		8270C-SI	06/05/09	1
Dibenz(a,h)anthracene	0.016	0.00089	0.0076	mg/kg		8270C-SI	06/05/09	1
Fluoranthene	0.30	0.00081	0.0076	mg/kg		8270C-SI	06/05/09	1
Fluorene	0.029	0.0010	0.0076	mg/kg		8270C-SI	06/05/09	1
Indeno(1,2,3-cd)pyrene	0.035	0.00088	0.0076	mg/kg		8270C-SI	06/05/09	1
Naphthalene	0.13	0.0014	0.0076	mg/kg		8270C-SI	06/05/09	1
Phenanthrene	0.096	0.00098	0.0076	mg/kg		8270C-SI	06/05/09	1
Pyrene	0.20	0.00096	0.0076	mg/kg		8270C-SI	06/05/09	1
1-Methylnaphthalene	0.015	0.0015	0.0076	mg/kg		8270C-SI	06/05/09	1
2-Methylnaphthalene	0.033	0.0020	0.0076	mg/kg		8270C-SI	06/05/09	1
2-Chloronaphthalene	U	0.0010	0.0076	mg/kg		8270C-SI	06/05/09	1
Surrogate Recovery								
Nitrobenzene-d5	65.1			% Rec.		8270C-SI	06/05/09	1
2-Fluorobiphenyl	59.2			% Rec.		8270C-SI	06/05/09	1
p-Terphenyl-d14	59.3			% Rec.		8270C-SI	06/05/09	1

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REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 24, 2009

Date Received : June 03, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : SP-M2-C
Collected By : Chris Kramer
Collection Date : 06/02/09 14:20

ESC Sample # : L405501-09

Site ID : EVERETT, WA

Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
Total Solids	71.5			%		2540G	06/05/09	1
Mercury	0.11	0.0025	0.028	mg/kg		7471	06/05/09	1
Antimony	U	0.52	1.4	mg/kg		6010B	06/06/09	1
Arsenic	3.8	0.27	1.4	mg/kg		6010B	06/06/09	1
Beryllium	0.77	0.038	0.14	mg/kg		6010B	06/06/09	1
Cadmium	U	0.037	0.35	mg/kg		6010B	06/06/09	1
Chromium	45.	0.098	0.70	mg/kg		6010B	06/06/09	1
Copper	53.	0.30	1.4	mg/kg		6010B	06/06/09	1
Lead	20.	0.096	0.35	mg/kg		6010B	06/06/09	1
Nickel	36.	0.49	1.4	mg/kg		6010B	06/06/09	1
Selenium	U	0.33	1.4	mg/kg		6010B	06/06/09	1
Silver	U	0.16	0.70	mg/kg		6010B	06/06/09	1
Thallium	U	1.5	7.0	mg/kg	O	6010B	06/07/09	5
Zinc	76.	0.44	2.1	mg/kg		6010B	06/06/09	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	0.10	0.0013	0.0084	mg/kg		8270C-SI	06/05/09	1
Acenaphthene	0.026	0.0013	0.0084	mg/kg		8270C-SI	06/05/09	1
Acenaphthylene	0.049	0.0011	0.0084	mg/kg		8270C-SI	06/05/09	1
Benzo(a)anthracene	0.18	0.00096	0.0084	mg/kg		8270C-SI	06/05/09	1
Benzo(a)pyrene	0.10	0.00083	0.0084	mg/kg		8270C-SI	06/05/09	1
Benzo(b)fluoranthene	0.25	0.0014	0.0084	mg/kg		8270C-SI	06/05/09	1
Benzo(g,h,i)perylene	0.039	0.00098	0.0084	mg/kg		8270C-SI	06/05/09	1
Benzo(k)fluoranthene	0.11	0.0012	0.0084	mg/kg		8270C-SI	06/05/09	1
Chrysene	0.31	0.00087	0.0084	mg/kg		8270C-SI	06/05/09	1
Dibenz(a,h)anthracene	0.013	0.00089	0.0084	mg/kg		8270C-SI	06/05/09	1
Fluoranthene	0.71	0.041	0.42	mg/kg		8270C-SI	06/07/09	50
Fluorene	0.048	0.0010	0.0084	mg/kg		8270C-SI	06/05/09	1
Indeno(1,2,3-cd)pyrene	0.043	0.00088	0.0084	mg/kg		8270C-SI	06/05/09	1
Naphthalene	0.098	0.0014	0.0084	mg/kg		8270C-SI	06/05/09	1
Phenanthrene	0.24	0.00098	0.0084	mg/kg		8270C-SI	06/05/09	1
Pyrene	0.25	0.00096	0.0084	mg/kg		8270C-SI	06/05/09	1
1-Methylnaphthalene	0.022	0.0015	0.0084	mg/kg		8270C-SI	06/05/09	1
2-Methylnaphthalene	0.046	0.0020	0.0084	mg/kg		8270C-SI	06/05/09	1
2-Chloronaphthalene	U	0.0010	0.0084	mg/kg		8270C-SI	06/05/09	1
Surrogate Recovery								
Nitrobenzene-d5	57.2			% Rec.		8270C-SI	06/05/09	1
2-Fluorobiphenyl	49.1			% Rec.		8270C-SI	06/05/09	1
p-Terphenyl-d14	43.8			% Rec.		8270C-SI	06/05/09	1

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REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 24, 2009

Date Received : June 03, 2009
Description : Bay Wood Project - Everett, WA

ESC Sample # : L405501-10

Sample ID : SP-M3-C

Site ID : EVERETT, WA

Collected By : Chris Kramer
Collection Date : 06/02/09 14:30

Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
Total Solids	97.8			%		2540G	06/05/09	1
Mercury	0.035	0.0025	0.020	mg/kg		7471	06/05/09	1
Antimony	U	0.52	1.0	mg/kg		6010B	06/06/09	1
Arsenic	2.6	0.27	1.0	mg/kg		6010B	06/06/09	1
Beryllium	0.57	0.038	0.10	mg/kg		6010B	06/06/09	1
Cadmium	U	0.037	0.26	mg/kg		6010B	06/06/09	1
Chromium	26.	0.098	0.51	mg/kg		6010B	06/06/09	1
Copper	22.	0.30	1.0	mg/kg		6010B	06/06/09	1
Lead	7.0	0.096	0.26	mg/kg		6010B	06/06/09	1
Nickel	34.	0.49	1.0	mg/kg		6010B	06/06/09	1
Selenium	U	0.33	1.0	mg/kg		6010B	06/06/09	1
Silver	U	0.16	0.51	mg/kg		6010B	06/06/09	1
Thallium	U	1.5	5.1	mg/kg	O	6010B	06/07/09	5
Zinc	47.	0.44	1.5	mg/kg		6010B	06/06/09	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	0.015	0.0013	0.0061	mg/kg		8270C-SI	06/05/09	1
Acenaphthene	0.0026	0.0013	0.0061	mg/kg	J	8270C-SI	06/05/09	1
Acenaphthylene	0.029	0.0011	0.0061	mg/kg		8270C-SI	06/05/09	1
Benzo(a)anthracene	0.087	0.00096	0.0061	mg/kg		8270C-SI	06/05/09	1
Benzo(a)pyrene	0.076	0.00083	0.0061	mg/kg		8270C-SI	06/05/09	1
Benzo(b)fluoranthene	0.067	0.0014	0.0061	mg/kg		8270C-SI	06/05/09	1
Benzo(g,h,i)perylene	0.018	0.00098	0.0061	mg/kg		8270C-SI	06/05/09	1
Benzo(k)fluoranthene	0.040	0.0012	0.0061	mg/kg		8270C-SI	06/05/09	1
Chrysene	0.084	0.00087	0.0061	mg/kg		8270C-SI	06/05/09	1
Dibenz(a,h)anthracene	0.0098	0.00089	0.0061	mg/kg		8270C-SI	06/05/09	1
Fluoranthene	0.089	0.00081	0.0061	mg/kg		8270C-SI	06/05/09	1
Fluorene	0.0048	0.0010	0.0061	mg/kg	J	8270C-SI	06/05/09	1
Indeno(1,2,3-cd)pyrene	0.017	0.00088	0.0061	mg/kg		8270C-SI	06/05/09	1
Naphthalene	0.0076	0.0014	0.0061	mg/kg		8270C-SI	06/05/09	1
Phenanthrene	0.020	0.00098	0.0061	mg/kg		8270C-SI	06/05/09	1
Pyrene	0.096	0.00096	0.0061	mg/kg		8270C-SI	06/05/09	1
1-Methylnaphthalene	0.0018	0.0015	0.0061	mg/kg	J	8270C-SI	06/05/09	1
2-Methylnaphthalene	0.0039	0.0020	0.0061	mg/kg	J	8270C-SI	06/05/09	1
2-Chloronaphthalene	U	0.0010	0.0061	mg/kg		8270C-SI	06/05/09	1
Surrogate Recovery								
Nitrobenzene-d5	54.2			% Rec.		8270C-SI	06/05/09	1
2-Fluorobiphenyl	57.0			% Rec.		8270C-SI	06/05/09	1
p-Terphenyl-d14	53.4			% Rec.		8270C-SI	06/05/09	1

Base/Neutral Extractables

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REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 24, 2009

Date Received : June 03, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : SP-M3-C
Collected By : Chris Kramer
Collection Date : 06/02/09 14:30

ESC Sample # : L405501-10

Site ID : EVERETT, WA

Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
Acenaphthylene	U	0.028	0.034	mg/kg		8270C	06/05/09	1
Acetophenone	U	0.011	0.034	mg/kg		8270C	06/05/09	1
Atrazine	U	0.11	0.34	mg/kg		8270C	06/05/09	1
Benzaldehyde	U	0.11	0.34	mg/kg		8270C	06/05/09	1
Biphenyl	U	0.11	0.34	mg/kg		8270C	06/05/09	1
Bis(2-chlorethoxy)methane	U	0.032	0.34	mg/kg		8270C	06/05/09	1
Bis(2-chloroethyl)ether	U	0.028	0.34	mg/kg		8270C	06/05/09	1
Bis(2-chloroisopropyl)ether	U	0.033	0.34	mg/kg		8270C	06/05/09	1
4-Bromophenyl-phenylether	U	0.022	0.34	mg/kg		8270C	06/05/09	1
2-Chloronaphthalene	U	0.026	0.34	mg/kg		8270C	06/05/09	1
4-Chlorophenyl-phenylether	U	0.025	0.34	mg/kg		8270C	06/05/09	1
3,3-Dichlorobenzidine	U	0.031	0.34	mg/kg		8270C	06/05/09	1
2,4-Dinitrotoluene	U	0.025	0.34	mg/kg		8270C	06/05/09	1
2,6-Dinitrotoluene	U	0.023	0.34	mg/kg		8270C	06/05/09	1
Hexachlorobenzene	U	0.025	0.34	mg/kg		8270C	06/05/09	1
Hexachloro-1,3-butadiene	U	0.032	0.34	mg/kg		8270C	06/05/09	1
Hexachlorocyclopentadiene	U	0.035	0.34	mg/kg		8270C	06/05/09	1
Hexachloroethane	U	0.033	0.34	mg/kg		8270C	06/05/09	1
Isophorone	U	0.038	0.34	mg/kg		8270C	06/05/09	1
2-Methylnaphthalene	U	0.026	0.34	mg/kg		8270C	06/05/09	1
2-Methylphenol	U	0.033	0.34	mg/kg		8270C	06/05/09	1
3&4-Methyl Phenol	U	0.033	0.34	mg/kg	J4	8270C	06/05/09	1
2-Nitroaniline	U	0.021	0.34	mg/kg		8270C	06/05/09	1
3-Nitroaniline	U	0.065	0.34	mg/kg		8270C	06/05/09	1
4-Nitroaniline	U	0.038	0.34	mg/kg		8270C	06/05/09	1
Nitrobenzene	U	0.028	0.34	mg/kg		8270C	06/05/09	1
n-Nitrosodiphenylamine	U	0.034	0.34	mg/kg		8270C	06/05/09	1
n-Nitrosodi-n-propylamine	U	0.033	0.34	mg/kg		8270C	06/05/09	1
Benzylbutyl phthalate	U	0.038	0.34	mg/kg		8270C	06/05/09	1
Caprolactam	U	0.11	0.34	mg/kg		8270C	06/05/09	1
Carbazole	U	0.029	0.34	mg/kg		8270C	06/05/09	1
Bis(2-ethylhexyl)phthalate	U	0.060	0.34	mg/kg		8270C	06/05/09	1
4-Chloroaniline	U	0.036	0.34	mg/kg		8270C	06/05/09	1
Di-n-butyl phthalate	U	0.027	0.34	mg/kg		8270C	06/05/09	1
Dibenzofuran	U	0.022	0.34	mg/kg		8270C	06/05/09	1
Diethyl phthalate	U	0.040	0.34	mg/kg		8270C	06/05/09	1
Dimethyl phthalate	U	0.026	0.34	mg/kg		8270C	06/05/09	1
Di-n-octyl phthalate	U	0.036	0.34	mg/kg		8270C	06/05/09	1
Acid Extractables								
4-Chloro-3-methylphenol	U	0.034	0.34	mg/kg		8270C	06/05/09	1
2-Chlorophenol	U	0.031	0.34	mg/kg		8270C	06/05/09	1
2,4-Dichlorophenol	U	0.024	0.34	mg/kg		8270C	06/05/09	1
2,4-Dimethylphenol	U	0.038	0.34	mg/kg		8270C	06/05/09	1

Results listed are dry weight basis.

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REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 24, 2009

Date Received : June 03, 2009
Description : Bay Wood Project - Everett, WA

ESC Sample # : L405501-10

Sample ID : SP-M3-C

Site ID : EVERETT, WA

Collected By : Chris Kramer
Collection Date : 06/02/09 14:30

Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
4,6-Dinitro-2-methylphenol	U	0.040	0.34	mg/kg		8270C	06/05/09	1
2,4-Dinitrophenol	U	0.041	0.34	mg/kg		8270C	06/05/09	1
2-Nitrophenol	U	0.027	0.34	mg/kg		8270C	06/05/09	1
4-Nitrophenol	U	0.027	0.34	mg/kg		8270C	06/05/09	1
Pentachlorophenol	U	0.031	0.34	mg/kg		8270C	06/05/09	1
Phenol	U	0.029	0.34	mg/kg		8270C	06/05/09	1
1,2,4,5-Tetrachlorobenzene	U	0.016	0.051	mg/kg		8270C	06/05/09	1
2,4,5-Trichlorophenol	U	0.030	0.34	mg/kg		8270C	06/05/09	1
2,4,6-Trichlorophenol	U	0.028	0.34	mg/kg		8270C	06/05/09	1
2,3,4,6-Tetrachlorophenol	U	0.016	0.051	mg/kg		8270C	06/17/09	1
Benzo(a)anthracene	U	0.032	0.34	mg/kg		8270C	06/05/09	1
Benzo(a)pyrene	U	0.027	0.34	mg/kg		8270C	06/05/09	1
Benzo(b)fluoranthene	U	0.030	0.34	mg/kg		8270C	06/05/09	1
Benzo(k)fluoranthene	U	0.031	0.34	mg/kg		8270C	06/05/09	1
Chrysene	U	0.035	0.34	mg/kg		8270C	06/05/09	1
Dibenz(a,h)anthracene	U	0.028	0.34	mg/kg		8270C	06/05/09	1
Indeno(1,2,3-cd)pyrene	U	0.029	0.34	mg/kg		8270C	06/05/09	1
Acenaphthene	U	0.024	0.34	mg/kg		8270C	06/05/09	1
Anthracene	U	0.023	0.34	mg/kg		8270C	06/05/09	1
Benzo(g,h,i)perylene	U	0.029	0.34	mg/kg		8270C	06/05/09	1
Fluoranthene	0.024	0.024	0.34	mg/kg	J	8270C	06/05/09	1
Fluorene	U	0.023	0.34	mg/kg		8270C	06/05/09	1
Naphthalene	U	0.026	0.34	mg/kg		8270C	06/05/09	1
Phenanthrene	U	0.025	0.34	mg/kg		8270C	06/05/09	1
Pyrene	U	0.036	0.34	mg/kg		8270C	06/05/09	1
Surrogate Recovery								
Nitrobenzene-d5	50.1			% Rec.		8270C	06/05/09	1
2-Fluorobiphenyl	56.4			% Rec.		8270C	06/05/09	1
p-Terphenyl-d14	60.7			% Rec.		8270C	06/05/09	1
Phenol-d5	53.4			% Rec.		8270C	06/05/09	1
2-Fluorophenol	52.7			% Rec.		8270C	06/05/09	1
2,4,6-Tribromophenol	60.3			% Rec.		8270C	06/05/09	1

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REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 24, 2009

Date Received : June 03, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : SP-W1-C
Collected By : Chris Kramer
Collection Date : 06/02/09 14:46

ESC Sample # : L405501-11

Site ID : EVERETT, WA

Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
Total Solids	83.2			%		2540G	06/05/09	1
Mercury	0.072	0.0025	0.024	mg/kg		7471	06/05/09	1
Antimony	U	0.52	1.2	mg/kg		6010B	06/06/09	1
Arsenic	3.1	0.27	1.2	mg/kg		6010B	06/06/09	1
Beryllium	0.68	0.038	0.12	mg/kg		6010B	06/06/09	1
Cadmium	U	0.037	0.30	mg/kg		6010B	06/06/09	1
Chromium	38.	0.098	0.60	mg/kg		6010B	06/06/09	1
Copper	36.	0.30	1.2	mg/kg		6010B	06/06/09	1
Lead	10.	0.096	0.30	mg/kg		6010B	06/06/09	1
Nickel	37.	0.49	1.2	mg/kg		6010B	06/06/09	1
Selenium	U	0.33	1.2	mg/kg		6010B	06/06/09	1
Silver	U	0.16	0.60	mg/kg		6010B	06/06/09	1
Thallium	U	1.5	6.0	mg/kg	O	6010B	06/07/09	5
Zinc	55.	0.44	1.8	mg/kg		6010B	06/06/09	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	0.034	0.0013	0.0072	mg/kg		8270C-SI	06/05/09	1
Acenaphthene	0.0053	0.0013	0.0072	mg/kg	J	8270C-SI	06/05/09	1
Acenaphthylene	0.013	0.0011	0.0072	mg/kg		8270C-SI	06/05/09	1
Benzo(a)anthracene	0.058	0.00096	0.0072	mg/kg		8270C-SI	06/05/09	1
Benzo(a)pyrene	0.024	0.00083	0.0072	mg/kg		8270C-SI	06/05/09	1
Benzo(b)fluoranthene	0.065	0.0014	0.0072	mg/kg		8270C-SI	06/05/09	1
Benzo(g,h,i)perylene	0.0079	0.00098	0.0072	mg/kg		8270C-SI	06/05/09	1
Benzo(k)fluoranthene	0.034	0.0012	0.0072	mg/kg		8270C-SI	06/05/09	1
Chrysene	0.11	0.00087	0.0072	mg/kg		8270C-SI	06/05/09	1
Dibenz(a,h)anthracene	0.0032	0.00089	0.0072	mg/kg	J	8270C-SI	06/05/09	1
Fluoranthene	0.13	0.00081	0.0072	mg/kg		8270C-SI	06/05/09	1
Fluorene	0.012	0.0010	0.0072	mg/kg		8270C-SI	06/05/09	1
Indeno(1,2,3-cd)pyrene	0.0086	0.00088	0.0072	mg/kg		8270C-SI	06/05/09	1
Naphthalene	0.023	0.0014	0.0072	mg/kg		8270C-SI	06/05/09	1
Phenanthrene	0.048	0.00098	0.0072	mg/kg		8270C-SI	06/05/09	1
Pyrene	0.065	0.00096	0.0072	mg/kg		8270C-SI	06/05/09	1
1-Methylnaphthalene	0.0046	0.0015	0.0072	mg/kg	J	8270C-SI	06/05/09	1
2-Methylnaphthalene	0.0098	0.0020	0.0072	mg/kg		8270C-SI	06/05/09	1
2-Chloronaphthalene	U	0.0010	0.0072	mg/kg		8270C-SI	06/05/09	1
Surrogate Recovery								
Nitrobenzene-d5	45.6			% Rec.		8270C-SI	06/05/09	1
2-Fluorobiphenyl	44.7			% Rec.		8270C-SI	06/05/09	1
p-Terphenyl-d14	40.9			% Rec.		8270C-SI	06/05/09	1

Base/Neutral Extractables

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L405501-11 (SV8270BNA) - Dilution due to matrix



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REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 24, 2009

Date Received : June 03, 2009
Description : Bay Wood Project - Everett, WA

ESC Sample # : L405501-11

Sample ID : SP-W1-C

Site ID : EVERETT, WA

Collected By : Chris Kramer
Collection Date : 06/02/09 14:46

Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
Acenaphthylene	U	0.028	0.040	mg/kg		8270C	06/05/09	1
Acetophenone	U	0.011	0.040	mg/kg		8270C	06/05/09	1
Atrazine	U	0.11	0.40	mg/kg		8270C	06/05/09	1
Benzaldehyde	U	0.11	0.40	mg/kg		8270C	06/05/09	1
Biphenyl	U	0.11	0.40	mg/kg		8270C	06/05/09	1
Bis(2-chlorethoxy)methane	U	0.032	0.40	mg/kg		8270C	06/05/09	1
Bis(2-chloroethyl)ether	U	0.028	0.40	mg/kg		8270C	06/05/09	1
Bis(2-chloroisopropyl)ether	U	0.033	0.40	mg/kg		8270C	06/05/09	1
4-Bromophenyl-phenylether	U	0.022	0.40	mg/kg		8270C	06/05/09	1
2-Chloronaphthalene	U	0.026	0.40	mg/kg		8270C	06/05/09	1
4-Chlorophenyl-phenylether	U	0.025	0.40	mg/kg		8270C	06/05/09	1
3,3-Dichlorobenzidine	U	0.61	7.9	mg/kg	0	8270C	06/05/09	20
2,4-Dinitrotoluene	U	0.025	0.40	mg/kg		8270C	06/05/09	1
2,6-Dinitrotoluene	U	0.023	0.40	mg/kg		8270C	06/05/09	1
Hexachlorobenzene	U	0.025	0.40	mg/kg		8270C	06/05/09	1
Hexachloro-1,3-butadiene	U	0.032	0.40	mg/kg		8270C	06/05/09	1
Hexachlorocyclopentadiene	U	0.035	0.40	mg/kg		8270C	06/05/09	1
Hexachloroethane	U	0.033	0.40	mg/kg		8270C	06/05/09	1
Isophorone	U	0.038	0.40	mg/kg		8270C	06/05/09	1
2-Methylnaphthalene	U	0.026	0.40	mg/kg		8270C	06/05/09	1
2-Methylphenol	U	0.033	0.40	mg/kg		8270C	06/05/09	1
3&4-Methyl Phenol	U	0.033	0.40	mg/kg	J4	8270C	06/05/09	1
2-Nitroaniline	U	0.021	0.40	mg/kg		8270C	06/05/09	1
3-Nitroaniline	U	0.065	0.40	mg/kg		8270C	06/05/09	1
4-Nitroaniline	U	0.038	0.40	mg/kg		8270C	06/05/09	1
Nitrobenzene	U	0.028	0.40	mg/kg		8270C	06/05/09	1
n-Nitrosodiphenylamine	U	0.034	0.40	mg/kg		8270C	06/05/09	1
n-Nitrosodi-n-propylamine	U	0.033	0.40	mg/kg		8270C	06/05/09	1
Benzylbutyl phthalate	U	0.76	7.9	mg/kg	0	8270C	06/05/09	20
Caprolactam	U	0.11	0.40	mg/kg		8270C	06/05/09	1
Carbazole	U	0.029	0.40	mg/kg		8270C	06/05/09	1
Bis(2-ethylhexyl)phthalate	U	1.2	7.9	mg/kg	0	8270C	06/05/09	20
4-Chloroaniline	U	0.036	0.40	mg/kg		8270C	06/05/09	1
Di-n-butyl phthalate	U	0.027	0.40	mg/kg		8270C	06/05/09	1
Dibenzofuran	U	0.022	0.40	mg/kg		8270C	06/05/09	1
Diethyl phthalate	U	0.040	0.40	mg/kg		8270C	06/05/09	1
Dimethyl phthalate	U	0.026	0.40	mg/kg		8270C	06/05/09	1
Di-n-octyl phthalate	U	0.72	7.9	mg/kg	0	8270C	06/05/09	20
Acid Extractables								
4-Chloro-3-methylphenol	U	0.034	0.40	mg/kg		8270C	06/05/09	1
2-Chlorophenol	U	0.031	0.40	mg/kg		8270C	06/05/09	1
2,4-Dichlorophenol	U	0.024	0.40	mg/kg		8270C	06/05/09	1
2,4-Dimethylphenol	U	0.038	0.40	mg/kg		8270C	06/05/09	1

Results listed are dry weight basis.

U = ND (Not Detected)

MDL = Minimum Detection Limit = LOD

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L405501-11 (SV8270BNA) - Dilution due to matrix



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REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 24, 2009

Date Received : June 03, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : SP-W1-C
Collected By : Chris Kramer
Collection Date : 06/02/09 14:46

ESC Sample # : L405501-11
Site ID : EVERETT, WA
Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
4,6-Dinitro-2-methylphenol	U	0.040	0.40	mg/kg		8270C	06/05/09	1
2,4-Dinitrophenol	U	0.041	0.40	mg/kg		8270C	06/05/09	1
2-Nitrophenol	U	0.027	0.40	mg/kg		8270C	06/05/09	1
4-Nitrophenol	U	0.027	0.40	mg/kg		8270C	06/05/09	1
Pentachlorophenol	U	0.031	0.40	mg/kg		8270C	06/05/09	1
Phenol	U	0.029	0.40	mg/kg		8270C	06/05/09	1
1,2,4,5-Tetrachlorobenzene	U	0.016	0.060	mg/kg		8270C	06/05/09	1
2,4,5-Trichlorophenol	U	0.030	0.40	mg/kg		8270C	06/05/09	1
2,4,6-Trichlorophenol	U	0.028	0.40	mg/kg		8270C	06/05/09	1
2,3,4,6-Tetrachlorophenol	U	0.016	0.060	mg/kg		8270C	06/17/09	1
Benzo(a)anthracene	U	0.64	7.9	mg/kg	O	8270C	06/05/09	20
Benzo(a)pyrene	0.046	0.027	0.40	mg/kg	J	8270C	06/05/09	1
Benzo(b)fluoranthene	0.14	0.030	0.40	mg/kg	J	8270C	06/05/09	1
Benzo(k)fluoranthene	0.067	0.031	0.40	mg/kg	J	8270C	06/05/09	1
Chrysene	U	0.71	7.9	mg/kg	O	8270C	06/05/09	20
Dibenz(a,h)anthracene	U	0.028	0.40	mg/kg		8270C	06/05/09	1
Indeno(1,2,3-cd)pyrene	U	0.029	0.40	mg/kg		8270C	06/05/09	1
Acenaphthene	U	0.024	0.40	mg/kg		8270C	06/05/09	1
Anthracene	U	0.023	0.40	mg/kg		8270C	06/05/09	1
Benzo(g,h,i)perylene	U	0.029	0.40	mg/kg		8270C	06/05/09	1
Fluoranthene	0.32	0.024	0.40	mg/kg	J	8270C	06/05/09	1
Fluorene	U	0.023	0.40	mg/kg		8270C	06/05/09	1
Naphthalene	0.035	0.026	0.40	mg/kg	J	8270C	06/05/09	1
Phenanthrene	0.11	0.025	0.40	mg/kg	J	8270C	06/05/09	1
Pyrene	U	0.71	7.9	mg/kg	O	8270C	06/05/09	20
Surrogate Recovery								
Nitrobenzene-d5	51.9			% Rec.		8270C	06/05/09	1
2-Fluorobiphenyl	60.8			% Rec.		8270C	06/05/09	1
p-Terphenyl-d14	0.00			% Rec.	J7	8270C	06/05/09	20
Phenol-d5	54.7			% Rec.		8270C	06/05/09	1
2-Fluorophenol	56.0			% Rec.		8270C	06/05/09	1
2,4,6-Tribromophenol	69.8			% Rec.		8270C	06/05/09	1

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L405501-11 (SV8270BNA) - Dilution due to matrix



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REPORT OF ANALYSIS

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SLR International Corp. - West Linn
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West Linn, OR 97068

June 24, 2009

Date Received : June 03, 2009
Description : Bay Wood Project - Everett, WA

ESC Sample # : L405501-12

Sample ID : SP-W2-C

Site ID : EVERETT, WA

Collected By : Chris Kramer
Collection Date : 06/02/09 14:58

Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
Total Solids	83.6			%		2540G	06/05/09	1
Mercury	0.066	0.0025	0.024	mg/kg		7471	06/05/09	1
Antimony	U	0.52	1.2	mg/kg		6010B	06/06/09	1
Arsenic	2.6	0.27	1.2	mg/kg		6010B	06/06/09	1
Beryllium	0.62	0.038	0.12	mg/kg		6010B	06/06/09	1
Cadmium	U	0.037	0.30	mg/kg		6010B	06/06/09	1
Chromium	39.	0.098	0.60	mg/kg		6010B	06/06/09	1
Copper	28.	0.30	1.2	mg/kg		6010B	06/06/09	1
Lead	6.2	0.096	0.30	mg/kg		6010B	06/06/09	1
Nickel	36.	0.49	1.2	mg/kg		6010B	06/06/09	1
Selenium	U	0.33	1.2	mg/kg		6010B	06/06/09	1
Silver	U	0.16	0.60	mg/kg		6010B	06/06/09	1
Thallium	U	1.5	6.0	mg/kg	O	6010B	06/07/09	5
Zinc	47.	0.44	1.8	mg/kg		6010B	06/06/09	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	0.024	0.0013	0.0072	mg/kg		8270C-SI	06/05/09	1
Acenaphthene	0.0043	0.0013	0.0072	mg/kg	J	8270C-SI	06/05/09	1
Acenaphthylene	0.011	0.0011	0.0072	mg/kg		8270C-SI	06/05/09	1
Benzo(a)anthracene	0.047	0.00096	0.0072	mg/kg		8270C-SI	06/05/09	1
Benzo(a)pyrene	0.031	0.00083	0.0072	mg/kg		8270C-SI	06/05/09	1
Benzo(b)fluoranthene	0.090	0.0014	0.0072	mg/kg		8270C-SI	06/05/09	1
Benzo(g,h,i)perylene	0.0075	0.00098	0.0072	mg/kg		8270C-SI	06/05/09	1
Benzo(k)fluoranthene	0.038	0.0012	0.0072	mg/kg		8270C-SI	06/05/09	1
Chrysene	0.075	0.00087	0.0072	mg/kg		8270C-SI	06/05/09	1
Dibenz(a,h)anthracene	0.0045	0.00089	0.0072	mg/kg	J	8270C-SI	06/05/09	1
Fluoranthene	0.076	0.00081	0.0072	mg/kg		8270C-SI	06/05/09	1
Fluorene	0.0068	0.0010	0.0072	mg/kg	J	8270C-SI	06/05/09	1
Indeno(1,2,3-cd)pyrene	0.010	0.00088	0.0072	mg/kg		8270C-SI	06/05/09	1
Naphthalene	0.010	0.0014	0.0072	mg/kg		8270C-SI	06/05/09	1
Phenanthrene	0.020	0.00098	0.0072	mg/kg		8270C-SI	06/05/09	1
Pyrene	0.054	0.00096	0.0072	mg/kg		8270C-SI	06/05/09	1
1-Methylnaphthalene	0.0022	0.0015	0.0072	mg/kg	J	8270C-SI	06/05/09	1
2-Methylnaphthalene	0.0045	0.0020	0.0072	mg/kg	J	8270C-SI	06/05/09	1
2-Chloronaphthalene	U	0.0010	0.0072	mg/kg		8270C-SI	06/05/09	1
Surrogate Recovery								
Nitrobenzene-d5	47.5			% Rec.		8270C-SI	06/05/09	1
2-Fluorobiphenyl	49.0			% Rec.		8270C-SI	06/05/09	1
p-Terphenyl-d14	50.1			% Rec.		8270C-SI	06/05/09	1

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REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 24, 2009

Date Received : June 03, 2009
Description : Bay Wood Project - Everett, WA

ESC Sample # : L405501-13

Sample ID : SP-M4-C

Site ID : EVERETT, WA

Collected By : Chris Kramer
Collection Date : 06/02/09 15:11

Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
Total Solids	86.5			%		2540G	06/05/09	1
Mercury	0.088	0.0025	0.023	mg/kg		7471	06/05/09	1
Antimony	U	0.52	1.2	mg/kg		6010B	06/06/09	1
Arsenic	2.3	0.27	1.2	mg/kg		6010B	06/06/09	1
Beryllium	0.80	0.038	0.12	mg/kg		6010B	06/06/09	1
Cadmium	U	0.037	0.29	mg/kg		6010B	06/06/09	1
Chromium	37.	0.098	0.58	mg/kg		6010B	06/06/09	1
Copper	39.	0.30	1.2	mg/kg		6010B	06/06/09	1
Lead	10.	0.096	0.29	mg/kg		6010B	06/06/09	1
Nickel	36.	0.49	1.2	mg/kg		6010B	06/06/09	1
Selenium	U	0.33	1.2	mg/kg		6010B	06/06/09	1
Silver	U	0.16	0.58	mg/kg		6010B	06/06/09	1
Thallium	U	1.5	5.8	mg/kg	O	6010B	06/07/09	5
Zinc	64.	0.44	1.7	mg/kg		6010B	06/06/09	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	0.029	0.0013	0.0069	mg/kg		8270C-SI	06/05/09	1
Acenaphthene	0.011	0.0013	0.0069	mg/kg		8270C-SI	06/05/09	1
Acenaphthylene	0.017	0.0011	0.0069	mg/kg		8270C-SI	06/05/09	1
Benzo(a)anthracene	0.050	0.00096	0.0069	mg/kg		8270C-SI	06/05/09	1
Benzo(a)pyrene	0.032	0.00083	0.0069	mg/kg		8270C-SI	06/05/09	1
Benzo(b)fluoranthene	0.072	0.0014	0.0069	mg/kg		8270C-SI	06/05/09	1
Benzo(g,h,i)perylene	0.011	0.00098	0.0069	mg/kg		8270C-SI	06/05/09	1
Benzo(k)fluoranthene	0.022	0.0012	0.0069	mg/kg		8270C-SI	06/05/09	1
Chrysene	0.060	0.00087	0.0069	mg/kg		8270C-SI	06/05/09	1
Dibenz(a,h)anthracene	0.0055	0.00089	0.0069	mg/kg	J	8270C-SI	06/05/09	1
Fluoranthene	0.14	0.00081	0.0069	mg/kg		8270C-SI	06/05/09	1
Fluorene	0.016	0.0010	0.0069	mg/kg		8270C-SI	06/05/09	1
Indeno(1,2,3-cd)pyrene	0.011	0.00088	0.0069	mg/kg		8270C-SI	06/05/09	1
Naphthalene	0.040	0.0014	0.0069	mg/kg		8270C-SI	06/05/09	1
Phenanthrene	0.069	0.00098	0.0069	mg/kg		8270C-SI	06/05/09	1
Pyrene	0.092	0.00096	0.0069	mg/kg		8270C-SI	06/05/09	1
1-Methylnaphthalene	0.0092	0.0015	0.0069	mg/kg		8270C-SI	06/05/09	1
2-Methylnaphthalene	0.021	0.0020	0.0069	mg/kg		8270C-SI	06/05/09	1
2-Chloronaphthalene	U	0.0010	0.0069	mg/kg		8270C-SI	06/05/09	1
Surrogate Recovery								
Nitrobenzene-d5	53.7			% Rec.		8270C-SI	06/05/09	1
2-Fluorobiphenyl	54.8			% Rec.		8270C-SI	06/05/09	1
p-Terphenyl-d14	44.1			% Rec.		8270C-SI	06/05/09	1

Results listed are dry weight basis.

U = ND (Not Detected)

MDL = Minimum Detection Limit = LOD

RDL = Reported Detection Limit = LOQ = PQL = EQL

Note:

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The reported analytical results relate only to the sample submitted

Reported: 06/22/09 12:44 Revised: 06/24/09 09:47



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REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

June 24, 2009

Date Received : June 03, 2009
Description : Bay Wood Project - Everett, WA
Sample ID : SP-M5-C
Collected By : Chris Kramer
Collection Date : 06/02/09 15:17

ESC Sample # : L405501-14

Site ID : EVERETT, WA

Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
Total Solids	89.4			%		2540G	06/05/09	1
Mercury	0.038	0.0025	0.022	mg/kg		7471	06/05/09	1
Antimony	U	0.52	1.1	mg/kg		6010B	06/06/09	1
Arsenic	1.1	0.27	1.1	mg/kg	J	6010B	06/06/09	1
Beryllium	0.51	0.038	0.11	mg/kg		6010B	06/06/09	1
Cadmium	U	0.037	0.28	mg/kg		6010B	06/06/09	1
Chromium	31.	0.098	0.56	mg/kg		6010B	06/06/09	1
Copper	19.	0.30	1.1	mg/kg		6010B	06/06/09	1
Lead	3.7	0.096	0.28	mg/kg		6010B	06/06/09	1
Nickel	32.	0.49	1.1	mg/kg		6010B	06/06/09	1
Selenium	U	0.33	1.1	mg/kg		6010B	06/06/09	1
Silver	U	0.16	0.56	mg/kg		6010B	06/06/09	1
Thallium	U	1.5	5.6	mg/kg	O	6010B	06/07/09	5
Zinc	38.	0.44	1.7	mg/kg		6010B	06/06/09	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	0.0098	0.0013	0.0067	mg/kg		8270C-SI	06/05/09	1
Acenaphthene	0.0056	0.0013	0.0067	mg/kg	J	8270C-SI	06/05/09	1
Acenaphthylene	0.0041	0.0011	0.0067	mg/kg	J	8270C-SI	06/05/09	1
Benzo(a)anthracene	0.011	0.00096	0.0067	mg/kg		8270C-SI	06/05/09	1
Benzo(a)pyrene	0.0058	0.00083	0.0067	mg/kg	J	8270C-SI	06/05/09	1
Benzo(b)fluoranthene	0.018	0.0014	0.0067	mg/kg		8270C-SI	06/05/09	1
Benzo(g,h,i)perylene	0.0027	0.00098	0.0067	mg/kg	J	8270C-SI	06/05/09	1
Benzo(k)fluoranthene	0.0072	0.0012	0.0067	mg/kg		8270C-SI	06/05/09	1
Chrysene	0.022	0.00087	0.0067	mg/kg		8270C-SI	06/05/09	1
Dibenz(a,h)anthracene	0.0012	0.00089	0.0067	mg/kg	J	8270C-SI	06/05/09	1
Fluoranthene	0.025	0.00081	0.0067	mg/kg		8270C-SI	06/05/09	1
Fluorene	0.0098	0.0010	0.0067	mg/kg		8270C-SI	06/05/09	1
Indeno(1,2,3-cd)pyrene	0.0030	0.00088	0.0067	mg/kg	J	8270C-SI	06/05/09	1
Naphthalene	0.088	0.0014	0.0067	mg/kg		8270C-SI	06/05/09	1
Phenanthrene	0.017	0.00098	0.0067	mg/kg		8270C-SI	06/05/09	1
Pyrene	0.016	0.00096	0.0067	mg/kg		8270C-SI	06/05/09	1
1-Methylnaphthalene	0.0098	0.0015	0.0067	mg/kg		8270C-SI	06/05/09	1
2-Methylnaphthalene	0.039	0.0020	0.0067	mg/kg		8270C-SI	06/05/09	1
2-Chloronaphthalene	U	0.0010	0.0067	mg/kg		8270C-SI	06/05/09	1
Surrogate Recovery								
Nitrobenzene-d5	61.2			% Rec.		8270C-SI	06/05/09	1
2-Fluorobiphenyl	66.6			% Rec.		8270C-SI	06/05/09	1
p-Terphenyl-d14	64.9			% Rec.		8270C-SI	06/05/09	1

Results listed are dry weight basis.

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Reported: 06/22/09 12:44 Revised: 06/24/09 09:47

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L405501-01	WG424884	SAMP	Thallium	R775950	O
L405501-02	WG424884	SAMP	Thallium	R775950	O
	WG424733	SAMP	Acenaphthene	R772686	J
	WG424733	SAMP	1-Methylnaphthalene	R772686	J
L405501-03	WG424884	SAMP	Thallium	R775950	O
	WG424733	SAMP	Acenaphthene	R772686	J
	WG424733	SAMP	1-Methylnaphthalene	R772686	J
L405501-04	WG424884	SAMP	Thallium	R775950	O
	WG424733	SAMP	Acenaphthene	R772686	J
	WG424733	SAMP	1-Methylnaphthalene	R772686	J
	WG424733	SAMP	2-Methylnaphthalene	R772686	J
	WG424733	SAMP	2-Fluorobiphenyl	R772686	J2
	WG424847	SAMP	3&4-Methyl Phenol	R774848	J4
	WG424847	SAMP	Benzo(a)pyrene	R774848	J
	WG424847	SAMP	Benzo(b)fluoranthene	R774848	J
	WG424847	SAMP	Benzo(k)fluoranthene	R774848	J
	WG424847	SAMP	Chrysene	R774848	J
	WG424847	SAMP	Anthracene	R774848	J
	WG424847	SAMP	Phenanthrene	R774848	J
	WG424847	SAMP	Pyrene	R774848	J
L405501-05	WG424884	SAMP	Thallium	R775950	O
L405501-06	WG424884	SAMP	Thallium	R775950	O
	WG424733	SAMP	Acenaphthene	R772686	J
	WG424733	SAMP	Dibenz(a,h)anthracene	R772686	J
	WG424733	SAMP	Fluorene	R772686	J
	WG424733	SAMP	1-Methylnaphthalene	R772686	J
	WG424733	SAMP	2-Methylnaphthalene	R772686	J
L405501-07	WG424884	SAMP	Thallium	R775950	O
	WG425046	SAMP	1-Methylnaphthalene	R775006	J
L405501-08	WG424884	SAMP	Thallium	R775950	O
L405501-09	WG424884	SAMP	Thallium	R775950	O
L405501-10	WG424884	SAMP	Thallium	R775950	O
	WG425046	SAMP	Acenaphthene	R775006	J
	WG425046	SAMP	Fluorene	R775006	J
	WG425046	SAMP	1-Methylnaphthalene	R775006	J
	WG425046	SAMP	2-Methylnaphthalene	R775006	J
	WG424847	SAMP	3&4-Methyl Phenol	R774848	J4
	WG424847	SAMP	Fluoranthene	R774848	J
L405501-11	WG424884	SAMP	Thallium	R775950	O
	WG425046	SAMP	Acenaphthene	R775006	J
	WG425046	SAMP	Dibenz(a,h)anthracene	R775006	J
	WG425046	SAMP	1-Methylnaphthalene	R775006	J
	WG424847	SAMP	3,3-Dichlorobenzidine	R774848	O
	WG424847	SAMP	3&4-Methyl Phenol	R774848	J4
	WG424847	SAMP	Benzylbutyl phthalate	R774848	O
	WG424847	SAMP	Bis(2-ethylhexyl)phthalate	R774848	O
	WG424847	SAMP	Di-n-octyl phthalate	R774848	O
	WG424847	SAMP	Benzo(a)anthracene	R774848	O
	WG424847	SAMP	Benzo(a)pyrene	R774848	J
	WG424847	SAMP	Benzo(b)fluoranthene	R774848	J
	WG424847	SAMP	Benzo(k)fluoranthene	R774848	J
	WG424847	SAMP	Chrysene	R774848	O
	WG424847	SAMP	Fluoranthene	R774848	J
	WG424847	SAMP	Naphthalene	R774848	J
	WG424847	SAMP	Phenanthrene	R774848	J
	WG424847	SAMP	Pyrene	R774848	O
	WG424847	SAMP	p-Terphenyl-d14	R774848	J7
L405501-12	WG424884	SAMP	Thallium	R775950	O
	WG425046	SAMP	Acenaphthene	R775006	J
	WG425046	SAMP	Dibenz(a,h)anthracene	R775006	J
	WG425046	SAMP	Fluorene	R775006	J
	WG425046	SAMP	1-Methylnaphthalene	R775006	J
	WG425046	SAMP	2-Methylnaphthalene	R775006	J
L405501-13	WG424884	SAMP	Thallium	R775950	O
	WG425046	SAMP	Dibenz(a,h)anthracene	R775006	J
L405501-14	WG424884	SAMP	Arsenic	R775950	J
	WG424884	SAMP	Thallium	R775950	O
	WG425046	SAMP	Acenaphthene	R775006	J
	WG425046	SAMP	Acenaphthylene	R775006	J

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
	WG425046	SAMP	Benzo(a)pyrene	R775006	J
	WG425046	SAMP	Benzo(g,h,i)perylene	R775006	J
	WG425046	SAMP	Dibenz(a,h)anthracene	R775006	J
	WG425046	SAMP	Indeno(1,2,3-cd)pyrene	R775006	J

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J	(EPA) - Estimated value below the lowest calibration point. Confidence correlates with concentration.
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits
J4	The associated batch QC was outside the established quality control range for accuracy.
J7	Surrogate recovery limits cannot be evaluated; surrogates were diluted out
O	(ESC) Sample diluted due to matrix interferences that impaired the ability to make an accurate analytical determination. The detection limit is elevated in order to reflect the necessary dilution.

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

Definitions

- Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.
- Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Difference.
- Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromatography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.
- TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Summary of Remarks For Samples Printed
06/24/09 at 09:47:35

TSR Signing Reports: 358
R5 - Desired TAT

Log all arsenic gw samples as ASG.

Sample: L405501-01 Account: SLRWLOR Received: 06/03/09 09:00 Due Date: 06/22/09 00:00 RPT Date: 06/22/09 12:44
WA EIM EDD needed. UNI 480224 dor 6/16/09
Sample: L405501-02 Account: SLRWLOR Received: 06/03/09 09:00 Due Date: 06/22/09 00:00 RPT Date: 06/22/09 12:44
Sample: L405501-03 Account: SLRWLOR Received: 06/03/09 09:00 Due Date: 06/22/09 00:00 RPT Date: 06/22/09 12:44
Sample: L405501-04 Account: SLRWLOR Received: 06/03/09 09:00 Due Date: 06/22/09 00:00 RPT Date: 06/22/09 12:44
Changed SV8270ACID to full 8270 per JW -JCH 6/5
Sample: L405501-05 Account: SLRWLOR Received: 06/03/09 09:00 Due Date: 06/22/09 00:00 RPT Date: 06/22/09 12:44
Sample: L405501-06 Account: SLRWLOR Received: 06/03/09 09:00 Due Date: 06/22/09 00:00 RPT Date: 06/22/09 12:44
Sample: L405501-07 Account: SLRWLOR Received: 06/03/09 09:00 Due Date: 06/22/09 00:00 RPT Date: 06/22/09 12:44
Sample: L405501-08 Account: SLRWLOR Received: 06/03/09 09:00 Due Date: 06/22/09 00:00 RPT Date: 06/22/09 12:44
Sample: L405501-09 Account: SLRWLOR Received: 06/03/09 09:00 Due Date: 06/22/09 00:00 RPT Date: 06/22/09 12:44
Sample: L405501-10 Account: SLRWLOR Received: 06/03/09 09:00 Due Date: 06/22/09 00:00 RPT Date: 06/22/09 12:44
Changed SV8270ACID to full 8270 per JW -JCH 6/5
Sample: L405501-11 Account: SLRWLOR Received: 06/03/09 09:00 Due Date: 06/22/09 00:00 RPT Date: 06/22/09 12:44
Changed SV8270ACID to full 8270 per JW -JCH 6/5
Sample: L405501-12 Account: SLRWLOR Received: 06/03/09 09:00 Due Date: 06/22/09 00:00 RPT Date: 06/22/09 12:44
Sample: L405501-13 Account: SLRWLOR Received: 06/03/09 09:00 Due Date: 06/22/09 00:00 RPT Date: 06/22/09 12:44
Sample: L405501-14 Account: SLRWLOR Received: 06/03/09 09:00 Due Date: 06/22/09 00:00 RPT Date: 06/22/09 12:44



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Chris Kramer
1800 Blankenship Road, Suite 440
West Linn, OR 97068

Quality Assurance Report
Level II

June 24, 2009

L405501

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
1-Methylnaphthalene	< .33	ppm			WG424733	06/04/09 13:12
2-Chloronaphthalene	< .33	ppm			WG424733	06/04/09 13:12
2-Methylnaphthalene	< .33	ppm			WG424733	06/04/09 13:12
Acenaphthene	< .33	ppm			WG424733	06/04/09 13:12
Acenaphthylene	< .33	ppm			WG424733	06/04/09 13:12
Anthracene	< .33	ppm			WG424733	06/04/09 13:12
Benzo(a)anthracene	< .33	ppm			WG424733	06/04/09 13:12
Benzo(a)pyrene	< .33	ppm			WG424733	06/04/09 13:12
Benzo(b)fluoranthene	< .33	ppm			WG424733	06/04/09 13:12
Benzo(g,h,i)perylene	< .33	ppm			WG424733	06/04/09 13:12
Benzo(k)fluoranthene	< .33	ppm			WG424733	06/04/09 13:12
Chrysene	< .33	ppm			WG424733	06/04/09 13:12
Dibenz(a,h)anthracene	< .33	ppm			WG424733	06/04/09 13:12
Fluoranthene	< .33	ppm			WG424733	06/04/09 13:12
Fluorene	< .33	ppm			WG424733	06/04/09 13:12
Indeno(1,2,3-cd)pyrene	< .33	ppm			WG424733	06/04/09 13:12
Naphthalene	< .33	ppm			WG424733	06/04/09 13:12
Phenanthrene	< .33	ppm			WG424733	06/04/09 13:12
Pyrene	< .33	ppm			WG424733	06/04/09 13:12
2-Fluorobiphenyl		% Rec.	67.88	30-120	WG424733	06/04/09 13:12
Nitrobenzene-d5		% Rec.	58.82	18-119	WG424733	06/04/09 13:12
p-Terphenyl-d14		% Rec.	74.08	23-143	WG424733	06/04/09 13:12
Mercury	< .02	mg/kg			WG424760	06/05/09 08:59
Total Solids	< .1	%			WG424911	06/05/09 10:22
Total Solids	< .1	%			WG424912	06/05/09 10:17
1-Methylnaphthalene	< .33	ppm			WG425046	06/05/09 12:29
2-Chloronaphthalene	< .33	ppm			WG425046	06/05/09 12:29
2-Methylnaphthalene	< .33	ppm			WG425046	06/05/09 12:29
Acenaphthene	< .33	ppm			WG425046	06/05/09 12:29
Acenaphthylene	< .33	ppm			WG425046	06/05/09 12:29
Anthracene	< .33	ppm			WG425046	06/05/09 12:29
Benzo(a)anthracene	< .33	ppm			WG425046	06/05/09 12:29
Benzo(a)pyrene	< .33	ppm			WG425046	06/05/09 12:29
Benzo(b)fluoranthene	< .33	ppm			WG425046	06/05/09 12:29
Benzo(g,h,i)perylene	< .33	ppm			WG425046	06/05/09 12:29
Benzo(k)fluoranthene	< .33	ppm			WG425046	06/05/09 12:29
Chrysene	< .33	ppm			WG425046	06/05/09 12:29
Dibenz(a,h)anthracene	< .33	ppm			WG425046	06/05/09 12:29
Fluoranthene	< .33	ppm			WG425046	06/05/09 12:29
Fluorene	< .33	ppm			WG425046	06/05/09 12:29
Indeno(1,2,3-cd)pyrene	< .33	ppm			WG425046	06/05/09 12:29
Naphthalene	< .33	ppm			WG425046	06/05/09 12:29
Phenanthrene	< .33	ppm			WG425046	06/05/09 12:29
Pyrene	< .33	ppm			WG425046	06/05/09 12:29
2-Fluorobiphenyl		% Rec.	70.89	30-120	WG425046	06/05/09 12:29
Nitrobenzene-d5		% Rec.	76.10	18-119	WG425046	06/05/09 12:29
p-Terphenyl-d14		% Rec.	84.07	23-143	WG425046	06/05/09 12:29
1,2,4,5-Tetrachlorobenzene	< .05	ppm			WG424847	06/04/09 19:15
2,4,5-Trichlorophenol	< .33	ppm			WG424847	06/04/09 19:15

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Tax I.D. 62-0814289

Est. 1970

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Chris Kramer
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West Linn, OR 97068

Quality Assurance Report
Level II

June 24, 2009

L405501

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
2,4,6-Trichlorophenol	< .33	ppm			WG424847	06/04/09 19:15
2,4-Dichlorophenol	< .33	ppm			WG424847	06/04/09 19:15
2,4-Dimethylphenol	< .33	ppm			WG424847	06/04/09 19:15
2,4-Dinitrophenol	< .33	ppm			WG424847	06/04/09 19:15
2,4-Dinitrotoluene	< .33	ppm			WG424847	06/04/09 19:15
2,6-Dinitrotoluene	< .33	ppm			WG424847	06/04/09 19:15
2-Chloronaphthalene	< .33	ppm			WG424847	06/04/09 19:15
2-Chlorophenol	< .33	ppm			WG424847	06/04/09 19:15
2-Methylnaphthalene	< .33	ppm			WG424847	06/04/09 19:15
2-Methylphenol	< .33	ppm			WG424847	06/04/09 19:15
2-Nitroaniline	< .33	ppm			WG424847	06/04/09 19:15
2-Nitrophenol	< .33	ppm			WG424847	06/04/09 19:15
3&4-Methyl Phenol	< .33	ppm			WG424847	06/04/09 19:15
3,3-Dichlorobenzidine	< .33	ppm			WG424847	06/04/09 19:15
3-Nitroaniline	< .33	ppm			WG424847	06/04/09 19:15
4,6-Dinitro-2-methylphenol	< .33	ppm			WG424847	06/04/09 19:15
4-Bromophenyl-phenylether	< .33	ppm			WG424847	06/04/09 19:15
4-Chloro-3-methylphenol	< .33	ppm			WG424847	06/04/09 19:15
4-Chloroaniline	< .33	ppm			WG424847	06/04/09 19:15
4-Chlorophenyl-phenylether	< .33	ppm			WG424847	06/04/09 19:15
4-Nitroaniline	< .33	ppm			WG424847	06/04/09 19:15
4-Nitrophenol	< .33	ppm			WG424847	06/04/09 19:15
Acenaphthene	< .33	ppm			WG424847	06/04/09 19:15
Acenaphthylene	< .33	ppm			WG424847	06/04/09 19:15
Acetophenone	< .33	ppm			WG424847	06/04/09 19:15
Anthracene	< .33	ppm			WG424847	06/04/09 19:15
Atrazine	< .33	ppm			WG424847	06/04/09 19:15
Benzaldehyde	< .33	ppm			WG424847	06/04/09 19:15
Benzo(a)anthracene	< .33	ppm			WG424847	06/04/09 19:15
Benzo(a)pyrene	< .33	ppm			WG424847	06/04/09 19:15
Benzo(b)fluoranthene	< .33	ppm			WG424847	06/04/09 19:15
Benzo(g,h,i)perylene	< .33	ppm			WG424847	06/04/09 19:15
Benzo(k)fluoranthene	< .33	ppm			WG424847	06/04/09 19:15
Benzylbutyl phthalate	< .33	ppm			WG424847	06/04/09 19:15
Biphenyl	< .33	ppm			WG424847	06/04/09 19:15
Bis(2-chlorethoxy)methane	< .33	ppm			WG424847	06/04/09 19:15
Bis(2-chloroethyl)ether	< .33	ppm			WG424847	06/04/09 19:15
Bis(2-chloroisopropyl)ether	< .33	ppm			WG424847	06/04/09 19:15
Bis(2-ethylhexyl)phthalate	< .33	ppm			WG424847	06/04/09 19:15
Caprolactam	< .33	ppm			WG424847	06/04/09 19:15
Carbazole	< .33	ppm			WG424847	06/04/09 19:15
Chrysene	< .33	ppm			WG424847	06/04/09 19:15
Di-n-butyl phthalate	< .33	ppm			WG424847	06/04/09 19:15
Di-n-octyl phthalate	< .33	ppm			WG424847	06/04/09 19:15
Dibenz(a,h)anthracene	< .33	ppm			WG424847	06/04/09 19:15
Dibenzofuran	< .33	ppm			WG424847	06/04/09 19:15
Diethyl phthalate	< .33	ppm			WG424847	06/04/09 19:15
Dimethyl phthalate	< .33	ppm			WG424847	06/04/09 19:15
Fluoranthene	< .33	ppm			WG424847	06/04/09 19:15
Fluorene	< .33	ppm			WG424847	06/04/09 19:15
Hexachloro-1,3-butadiene	< .33	ppm			WG424847	06/04/09 19:15
Hexachlorobenzene	< .33	ppm			WG424847	06/04/09 19:15
Hexachlorocyclopentadiene	< .33	ppm			WG424847	06/04/09 19:15
Hexachloroethane	< .33	ppm			WG424847	06/04/09 19:15
Indeno(1,2,3-cd)pyrene	< .33	ppm			WG424847	06/04/09 19:15
Isophorone	< .33	ppm			WG424847	06/04/09 19:15
n-Nitrosodi-n-propylamine	< .33	ppm			WG424847	06/04/09 19:15
n-Nitrosodiphenylamine	< .33	ppm			WG424847	06/04/09 19:15
Naphthalene	< .33	ppm			WG424847	06/04/09 19:15

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Quality Assurance Report
Level II

June 24, 2009

L405501

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
Nitrobenzene	< .33	ppm			WG424847	06/04/09 19:15
Pentachlorophenol	< .33	ppm			WG424847	06/04/09 19:15
Phenanthrene	< .33	ppm			WG424847	06/04/09 19:15
Phenol	< .33	ppm			WG424847	06/04/09 19:15
Pyrene	< .33	ppm			WG424847	06/04/09 19:15
2,4,6-Tribromophenol		% Rec.	69.05	25-137	WG424847	06/04/09 19:15
2-Fluorobiphenyl		% Rec.	65.78	30-120	WG424847	06/04/09 19:15
2-Fluorophenol		% Rec.	62.03	26-130	WG424847	06/04/09 19:15
Nitrobenzene-d5		% Rec.	56.49	18-119	WG424847	06/04/09 19:15
Phenol-d5		% Rec.	61.48	37-141	WG424847	06/04/09 19:15
p-Terphenyl-d14		% Rec.	83.66	23-143	WG424847	06/04/09 19:15
Antimony	< 1	mg/kg			WG424884	06/07/09 08:19
Arsenic	< 1	mg/kg			WG424884	06/07/09 08:19
Beryllium	< .1	mg/kg			WG424884	06/07/09 08:19
Cadmium	< .25	mg/kg			WG424884	06/07/09 08:19
Chromium	< .5	mg/kg			WG424884	06/07/09 08:19
Copper	< 1	mg/kg			WG424884	06/07/09 08:19
Lead	< .25	mg/kg			WG424884	06/07/09 08:19
Nickel	< 1	mg/kg			WG424884	06/07/09 08:19
Selenium	< 1	mg/kg			WG424884	06/07/09 08:19
Silver	< .5	mg/kg			WG424884	06/07/09 08:19
Thallium	< 1	mg/kg			WG424884	06/07/09 08:19
Zinc	< 1.5	mg/kg			WG424884	06/07/09 08:19

Analyte	Units	Duplicate		RPD	Limit	Ref Samp	Batch
		Result	Duplicate				
Mercury	mg/kg	0.0399	0.0340	16.0	20	L405501-14	WG424760
Total Solids	%	84.3	83.5	0.973	5	L405501-03	WG424911
Total Solids	%	90.2	89.4	0.839	5	L405501-14	WG424912
Antimony	mg/kg	0.00	0.00	0.00	20	L405676-01	WG424884
Arsenic	mg/kg	36.4	15.0	83.3*	20	L405676-01	WG424884
Beryllium	mg/kg	0.603	0.461	26.7*	20	L405676-01	WG424884
Cadmium	mg/kg	0.00	0.00	0.00	20	L405676-01	WG424884
Chromium	mg/kg	22.0	27.0	20.4*	20	L405676-01	WG424884
Copper	mg/kg	20.7	25.3	20.0	20	L405676-01	WG424884
Lead	mg/kg	33.6	65.0	63.7*	20	L405676-01	WG424884
Nickel	mg/kg	17.0	16.5	2.99	20	L405676-01	WG424884
Selenium	mg/kg	0.00	0.00	0.00	20	L405676-01	WG424884
Silver	mg/kg	0.00	0.00	0.00	20	L405676-01	WG424884
Thallium	mg/kg	0.00	0.101	NA	20	L405676-01	WG424884
Zinc	mg/kg	57.2	87.2	41.6*	20	L405676-01	WG424884

Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
1-Methylnaphthalene	ppm	.033	0.0227	68.7	41-110	WG424733
2-Chloronaphthalene	ppm	.033	0.0231	70.0	43-109	WG424733
2-Methylnaphthalene	ppm	.033	0.0225	68.3	38-104	WG424733
Acenaphthene	ppm	.033	0.0241	73.2	48-103	WG424733
Acenaphthylene	ppm	.033	0.0238	72.2	43-106	WG424733

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Quality Assurance Report
Level II

L405501

June 24, 2009

Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
Anthracene	ppm	.033	0.0256	77.6	51-110	WG424733
Benzo(a)anthracene	ppm	.033	0.0263	79.8	38-126	WG424733
Benzo(a)pyrene	ppm	.033	0.0262	79.5	47-118	WG424733
Benzo(b)fluoranthene	ppm	.033	0.0226	68.5	47-118	WG424733
Benzo(g,h,i)perylene	ppm	.033	0.0255	77.4	40-125	WG424733
Benzo(k)fluoranthene	ppm	.033	0.0293	88.7	45-121	WG424733
Chrysene	ppm	.033	0.0218	66.1	35-135	WG424733
Dibenz(a,h)anthracene	ppm	.033	0.0257	78.0	41-124	WG424733
Fluoranthene	ppm	.033	0.0255	77.2	50-114	WG424733
Fluorene	ppm	.033	0.0253	76.8	49-109	WG424733
Indeno(1,2,3-cd)pyrene	ppm	.033	0.0258	78.2	40-126	WG424733
Naphthalene	ppm	.033	0.0211	64.0	36-100	WG424733
Phenanthrene	ppm	.033	0.0250	75.6	46-108	WG424733
Pyrene	ppm	.033	0.0230	69.6	30-136	WG424733
2-Fluorobiphenyl				65.76	30-120	WG424733
Nitrobenzene-d5				64.19	18-119	WG424733
p-Terphenyl-d14				74.29	23-143	WG424733
Mercury	mg/kg	8.77	8.53	97.3	71.6-127.7	WG424760
Total Solids	%	50	50.0	99.9	85-115	WG424911
Total Solids	%	50	50.0	100.	85-115	WG424912
1-Methylnaphthalene	ppm	.033	0.0237	71.9	41-110	WG425046
2-Chloronaphthalene	ppm	.033	0.0250	75.8	43-109	WG425046
2-Methylnaphthalene	ppm	.033	0.0243	73.7	38-104	WG425046
Acenaphthene	ppm	.033	0.0247	74.9	48-103	WG425046
Acenaphthylene	ppm	.033	0.0259	78.4	43-106	WG425046
Anthracene	ppm	.033	0.0279	84.6	51-110	WG425046
Benzo(a)anthracene	ppm	.033	0.0272	82.6	38-126	WG425046
Benzo(a)pyrene	ppm	.033	0.0259	78.6	47-118	WG425046
Benzo(b)fluoranthene	ppm	.033	0.0241	73.1	47-118	WG425046
Benzo(g,h,i)perylene	ppm	.033	0.0251	76.0	40-125	WG425046
Benzo(k)fluoranthene	ppm	.033	0.0283	85.7	45-121	WG425046
Chrysene	ppm	.033	0.0253	76.7	35-135	WG425046
Dibenz(a,h)anthracene	ppm	.033	0.0252	76.3	41-124	WG425046
Fluoranthene	ppm	.033	0.0262	79.3	50-114	WG425046
Fluorene	ppm	.033	0.0246	74.5	49-109	WG425046
Indeno(1,2,3-cd)pyrene	ppm	.033	0.0260	78.7	40-126	WG425046
Naphthalene	ppm	.033	0.0240	72.8	36-100	WG425046
Phenanthrene	ppm	.033	0.0267	81.0	46-108	WG425046
Pyrene	ppm	.033	0.0263	79.8	30-136	WG425046
2-Fluorobiphenyl				69.37	30-120	WG425046
Nitrobenzene-d5				74.30	18-119	WG425046
p-Terphenyl-d14				78.33	23-143	WG425046
1,2,4,5-Tetrachlorobenzene	ppm	.333	0.237	71.1	51-112	WG424847
2,4,5-Trichlorophenol	ppm	.333	0.221	66.4	53-110	WG424847
2,4,6-Trichlorophenol	ppm	.333	0.221	66.3	56-109	WG424847
2,4-Dichlorophenol	ppm	.333	0.216	64.7	54-107	WG424847
2,4-Dimethylphenol	ppm	.333	0.349	105.	58-119	WG424847
2,4-Dinitrophenol	ppm	.333	0.273	82.1	16-130	WG424847
2,4-Dinitrotoluene	ppm	.333	0.204	61.2	53-120	WG424847

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Quality Assurance Report
Level II

L405501

June 24, 2009

Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
2,6-Dinitrotoluene	ppm	.333	0.210	63.0	56-113	WG424847
2-Chloronaphthalene	ppm	.333	0.208	62.4	55-103	WG424847
2-Chlorophenol	ppm	.333	0.195	58.6	52-108	WG424847
2-Methylnaphthalene	ppm	.333	0.215	64.5	52-107	WG424847
2-Methylphenol	ppm	.333	0.218	65.4	58-116	WG424847
2-Nitroaniline	ppm	.333	0.212	63.6	54-116	WG424847
2-Nitrophenol	ppm	.333	0.217	65.1	38-110	WG424847
3&4-Methyl Phenol	ppm	.333	0.252	75.7	60-136	WG424847
3,3-Dichlorobenzidine	ppm	.333	0.152	45.8	24-123	WG424847
3-Nitroaniline	ppm	.333	0.177	53.2	17-135	WG424847
4,6-Dinitro-2-methylphenol	ppm	.333	0.294	88.2	34-111	WG424847
4-Bromophenyl-phenylether	ppm	.333	0.230	69.2	47-98	WG424847
4-Chloro-3-methylphenol	ppm	.333	0.225	67.6	54-116	WG424847
4-Chloroaniline	ppm	.333	0.234	70.2	18-130	WG424847
4-Chlorophenyl-phenylether	ppm	.333	0.235	70.6	55-106	WG424847
4-Nitroaniline	ppm	.333	0.179	53.7	16-133	WG424847
4-Nitrophenol	ppm	.333	0.220	65.9	34-123	WG424847
Acenaphthene	ppm	.333	0.216	65.0	54-102	WG424847
Acenaphthylene	ppm	.333	0.217	65.1	56-104	WG424847
Acetophenone	ppm	.333	0.195	58.6	42-92	WG424847
Anthracene	ppm	.333	0.225	67.6	57-112	WG424847
Atrazine	ppm	.333	0.234	70.4	40-143	WG424847
Benzaldehyde	ppm	.333	0.0850	25.5	0-69	WG424847
Benzo(a)anthracene	ppm	.333	0.205	61.6	55-105	WG424847
Benzo(a)pyrene	ppm	.333	0.229	68.7	59-114	WG424847
Benzo(b)fluoranthene	ppm	.333	0.242	72.6	44-116	WG424847
Benzo(g,h,i)perylene	ppm	.333	0.271	81.4	41-127	WG424847
Benzo(k)fluoranthene	ppm	.333	0.200	60.1	36-119	WG424847
Benzylbutyl phthalate	ppm	.333	0.293	88.1	57-130	WG424847
Biphenyl	ppm	.333	0.209	62.9	54-103	WG424847
Bis(2-chlorethoxy)methane	ppm	.333	0.235	70.7	52-107	WG424847
Bis(2-chloroethyl)ether	ppm	.333	0.226	67.9	38-115	WG424847
Bis(2-chloroisopropyl)ether	ppm	.333	0.208	62.5	49-106	WG424847
Bis(2-ethylhexyl)phthalate	ppm	.333	0.325	97.6	50-130	WG424847
Caprolactam	ppm	.333	0.205	61.7	43-131	WG424847
Carbazole	ppm	.333	0.202	60.5	42-120	WG424847
Chrysene	ppm	.333	0.195	58.5	54-103	WG424847
Di-n-butyl phthalate	ppm	.333	0.266	79.9	56-121	WG424847
Di-n-octyl phthalate	ppm	.333	0.302	90.7	50-128	WG424847
Dibenz(a,h)anthracene	ppm	.333	0.257	77.1	42-128	WG424847
Dibenzofuran	ppm	.333	0.215	64.6	56-111	WG424847
Diethyl phthalate	ppm	.333	0.242	72.6	57-110	WG424847
Dimethyl phthalate	ppm	.333	0.239	71.8	57-108	WG424847
Fluoranthene	ppm	.333	0.199	59.7	51-109	WG424847
Fluorene	ppm	.333	0.211	63.3	53-106	WG424847
Hexachloro-1,3-butadiene	ppm	.333	0.223	67.1	46-110	WG424847
Hexachlorobenzene	ppm	.333	0.237	71.0	51-117	WG424847
Hexachlorocyclopentadiene	ppm	.333	0.196	58.9	21-127	WG424847
Hexachloroethane	ppm	.333	0.196	58.8	43-104	WG424847
Indeno(1,2,3-cd)pyrene	ppm	.333	0.258	77.3	42-127	WG424847
Isophorone	ppm	.333	0.213	64.1	56-116	WG424847
n-Nitrosodi-n-propylamine	ppm	.333	0.237	71.0	54-113	WG424847
n-Nitrosodiphenylamine	ppm	.333	0.242	72.6	66-126	WG424847
Naphthalene	ppm	.333	0.197	59.1	46-97	WG424847
Nitrobenzene	ppm	.333	0.206	61.8	46-102	WG424847
Pentachlorophenol	ppm	.333	0.214	64.3	37-118	WG424847
Phenanthrene	ppm	.333	0.213	63.8	56-102	WG424847
Phenol	ppm	.333	0.218	65.5	55-115	WG424847
Pyrene	ppm	.333	0.230	69.2	53-111	WG424847

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June 24, 2009

L405501

Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
2,4,6-Tribromophenol				66.89	25-137	
2-Fluorobiphenyl				61.36	30-120	
2-Fluorophenol				56.75	26-130	
Nitrobenzene-d5				52.48	18-119	
Phenol-d5				57.15	37-141	
p-Terphenyl-d14				77.14	23-143	
Antimony	mg/kg	85.1	36.6	43.0	1.2-242.1	WG424884
Arsenic	mg/kg	192	171.	89.1	78.6-120.8	WG424884
Beryllium	mg/kg	69.3	64.3	92.8	79.8-120.1	WG424884
Cadmium	mg/kg	70.1	61.9	88.3	78.5-121.5	WG424884
Chromium	mg/kg	168	157.	93.5	80.4-120.2	WG424884
Copper	mg/kg	122	119.	97.5	81.6-119.7	WG424884
Lead	mg/kg	113	100.	88.5	77.3-122.1	WG424884
Nickel	mg/kg	74.1	72.7	98.1	78.8-121.2	WG424884
Selenium	mg/kg	176	156.	88.6	75.6-125.0	WG424884
Silver	mg/kg	115	105.	91.3	66-133.9	WG424884
Thallium	mg/kg	111	99.5	89.6	77.6-122.5	WG424884
Zinc	mg/kg	437	411.	94.1	78.5-121.7	WG424884

Analyte	Units	Laboratory Control Sample Duplicate		%Rec	Limit	RPD	Limit	Batch
		Result	Ref					
1-Methylnaphthalene	ppm	0.0245	0.0227	74.0	41-110	7.89	24	WG424733
2-Chloronaphthalene	ppm	0.0248	0.0231	75.0	43-109	7.16	21	WG424733
2-Methylnaphthalene	ppm	0.0243	0.0225	74.0	38-104	7.48	24	WG424733
Acenaphthene	ppm	0.0258	0.0241	78.0	48-103	6.71	20	WG424733
Acenaphthylene	ppm	0.0274	0.0238	83.0	43-106	14.0	20	WG424733
Anthracene	ppm	0.0265	0.0256	80.0	51-110	3.60	22	WG424733
Benzo(a)anthracene	ppm	0.0288	0.0263	87.0	38-126	8.84	20	WG424733
Benzo(a)pyrene	ppm	0.0286	0.0262	87.0	47-118	8.55	20	WG424733
Benzo(b)fluoranthene	ppm	0.0247	0.0226	75.0	47-118	8.98	29	WG424733
Benzo(g,h,i)perylene	ppm	0.0277	0.0255	84.0	40-125	8.01	20	WG424733
Benzo(k)fluoranthene	ppm	0.0300	0.0293	91.0	45-121	2.42	31	WG424733
Chrysene	ppm	0.0239	0.0218	72.0	35-135	9.13	20	WG424733
Dibenz(a,h)anthracene	ppm	0.0277	0.0257	84.0	41-124	7.39	20	WG424733
Fluoranthene	ppm	0.0266	0.0255	81.0	50-114	4.29	20	WG424733
Fluorene	ppm	0.0272	0.0253	82.0	49-109	6.99	19	WG424733
Indeno(1,2,3-cd)pyrene	ppm	0.0275	0.0258	83.0	40-126	6.16	20	WG424733
Naphthalene	ppm	0.0232	0.0211	70.0	36-100	9.48	24	WG424733
Phenanthrene	ppm	0.0262	0.0250	79.0	46-108	4.77	21	WG424733
Pyrene	ppm	0.0250	0.0230	76.0	30-136	8.55	20	WG424733
2-Fluorobiphenyl				84.42	30-120			WG424733
Nitrobenzene-d5				71.03	18-119			WG424733
p-Terphenyl-d14				83.89	23-143			WG424733
1-Methylnaphthalene	ppm	0.0274	0.0237	83.0	41-110	14.5	24	WG425046
2-Chloronaphthalene	ppm	0.0276	0.0250	84.0	43-109	9.76	21	WG425046
2-Methylnaphthalene	ppm	0.0271	0.0243	82.0	38-104	11.0	24	WG425046
Acenaphthene	ppm	0.0282	0.0247	86.0	48-103	13.2	20	WG425046
Acenaphthylene	ppm	0.0284	0.0259	86.0	43-106	9.36	20	WG425046
Anthracene	ppm	0.0290	0.0279	88.0	51-110	3.71	22	WG425046
Benzo(a)anthracene	ppm	0.0323	0.0272	98.0	38-126	17.0	20	WG425046
Benzo(a)pyrene	ppm	0.0304	0.0259	92.0	47-118	15.8	20	WG425046
Benzo(b)fluoranthene	ppm	0.0313	0.0241	95.0	47-118	25.9	29	WG425046
Benzo(g,h,i)perylene	ppm	0.0298	0.0251	90.0	40-125	17.2	20	WG425046
Benzo(k)fluoranthene	ppm	0.0299	0.0283	91.0	45-121	5.55	31	WG425046
Chrysene	ppm	0.0294	0.0253	89.0	35-135	15.1	20	WG425046
Dibenz(a,h)anthracene	ppm	0.0295	0.0252	89.0	41-124	15.9	20	WG425046

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**Quality Assurance Report
Level II**

West Linn, OR 97068

June 24, 2009

L405501

Analyte	Units	Laboratory Control		Sample Duplicate	Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
Fluoranthene	ppm	0.0284	0.0262	86.0	50-114	8.25	20	WG425046
Fluorene	ppm	0.0282	0.0246	85.0	49-109	13.7	19	WG425046
Indeno(1,2,3-cd)pyrene	ppm	0.0298	0.0260	90.0	40-126	13.7	20	WG425046
Naphthalene	ppm	0.0266	0.0240	81.0	36-100	10.3	24	WG425046
Phenanthrene	ppm	0.0285	0.0267	87.0	46-108	6.62	21	WG425046
Pyrene	ppm	0.0312	0.0263	94.0	30-136	16.9	20	WG425046
2-Fluorobiphenyl				76.69	30-120			WG425046
Nitrobenzene-d5				78.03	18-119			WG425046
p-Terphenyl-d14				89.92	23-143			WG425046
1,2,4,5-Tetrachlorobenzene	ppm	0.255	0.237	76.0	51-112	7.31	21	WG424847
2,4,5-Trichlorophenol	ppm	0.236	0.221	71.0	53-110	6.48	25	WG424847
2,4,6-Trichlorophenol	ppm	0.237	0.221	71.0	56-109	7.11	20	WG424847
2,4-Dichlorophenol	ppm	0.235	0.216	71.0	54-107	8.69	21	WG424847
2,4-Dimethylphenol	ppm	0.388	0.349	116.	58-119	10.6	23	WG424847
2,4-Dinitrophenol	ppm	0.285	0.273	86.0	16-130	4.20	45	WG424847
2,4-Dinitrotoluene	ppm	0.225	0.204	68.0	53-120	9.95	23	WG424847
2,6-Dinitrotoluene	ppm	0.220	0.210	66.0	56-113	4.91	22	WG424847
2-Chloronaphthalene	ppm	0.220	0.208	66.0	55-103	5.61	20	WG424847
2-Chlorophenol	ppm	0.212	0.195	64.0	52-108	8.58	24	WG424847
2-Methylnaphthalene	ppm	0.229	0.215	69.0	52-107	6.20	21	WG424847
2-Methylphenol	ppm	0.240	0.218	72.0	58-116	9.67	22	WG424847
2-Nitroaniline	ppm	0.229	0.212	69.0	54-116	7.97	24	WG424847
2-Nitrophenol	ppm	0.223	0.217	67.0	38-110	2.99	24	WG424847
3&4-Methyl Phenol	ppm	0.189	0.252	57*	60-136	28.6	29	WG424847
3,3-Dichlorobenzidine	ppm	0.171	0.152	51.0	24-123	11.5	35	WG424847
3-Nitroaniline	ppm	0.191	0.177	57.0	17-135	7.49	33	WG424847
4,6-Dinitro-2-methylphenol	ppm	0.297	0.294	89.0	34-111	1.17	33	WG424847
4-Bromophenyl-phenylether	ppm	0.246	0.230	74.0	47-98	6.52	23	WG424847
4-Chloro-3-methylphenol	ppm	0.237	0.225	71.0	54-116	5.08	23	WG424847
4-Chloroaniline	ppm	0.250	0.234	75.0	18-130	6.67	31	WG424847
4-Chlorophenyl-phenylether	ppm	0.247	0.235	74.0	55-106	4.78	22	WG424847
4-Nitroaniline	ppm	0.185	0.179	56.0	16-133	3.59	37	WG424847
4-Nitrophenol	ppm	0.230	0.220	69.0	34-123	4.54	36	WG424847
Acenaphthene	ppm	0.229	0.216	69.0	54-102	5.72	20	WG424847
Acenaphthylene	ppm	0.232	0.217	70.0	56-104	6.95	20	WG424847
Acetophenone	ppm	0.208	0.195	63.0	42-92	6.48	22	WG424847
Anthracene	ppm	0.235	0.225	71.0	57-112	4.16	21	WG424847
Atrazine	ppm	0.242	0.234	73.0	40-143	3.18	25	WG424847
Benzaldehyde	ppm	0.0883	0.0850	27.0	0-69	3.84	32	WG424847
Benzo(a)anthracene	ppm	0.233	0.205	70.0	55-105	12.7	21	WG424847
Benzo(a)pyrene	ppm	0.242	0.229	73.0	59-114	5.78	22	WG424847
Benzo(b)fluoranthene	ppm	0.209	0.242	63.0	44-116	14.5	33	WG424847
Benzo(g,h,i)perylene	ppm	0.280	0.271	84.0	41-127	3.13	29	WG424847
Benzo(k)fluoranthene	ppm	0.229	0.200	69.0	36-119	13.4	37	WG424847
Benzylbutyl phthalate	ppm	0.308	0.293	93.0	57-130	4.91	27	WG424847
Biphenyl	ppm	0.226	0.209	68.0	54-103	7.59	21	WG424847
Bis(2-chlorethoxy)methane	ppm	0.255	0.235	77.0	52-107	8.18	21	WG424847
Bis(2-chloroethyl)ether	ppm	0.226	0.226	68.0	38-115	0.0885	28	WG424847
Bis(2-chloroisopropyl)ether	ppm	0.224	0.208	67.0	49-106	7.39	25	WG424847
Bis(2-ethylhexyl)phthalate	ppm	0.335	0.325	101.	50-130	3.12	29	WG424847
Caprolactam	ppm	0.223	0.205	67.0	43-131	8.22	24	WG424847
Carbazole	ppm	0.207	0.202	62.0	42-120	2.72	26	WG424847
Chrysene	ppm	0.192	0.195	58.0	54-103	1.37	23	WG424847
Di-n-butyl phthalate	ppm	0.274	0.266	82.0	56-121	3.05	22	WG424847
Di-n-octyl phthalate	ppm	0.311	0.302	93.0	50-128	2.95	26	WG424847
Dibenz(a,h)anthracene	ppm	0.271	0.257	81.0	42-128	5.46	28	WG424847
Dibenzofuran	ppm	0.231	0.215	69.0	56-111	7.26	21	WG424847

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Quality Assurance Report
Level II

West Linn, OR 97068

June 24, 2009

L405501

Analyte	Units	Laboratory Control Sample Duplicate			Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
Diethyl phthalate	ppm	0.258	0.242	78.0	57-110	6.63	20	WG424847
Dimethyl phthalate	ppm	0.255	0.239	77.0	57-108	6.42	20	WG424847
Fluoranthene	ppm	0.210	0.199	63.0	51-109	5.59	26	WG424847
Fluorene	ppm	0.228	0.211	68.0	53-106	7.65	20	WG424847
Hexachloro-1,3-butadiene	ppm	0.238	0.223	71.0	46-110	6.26	25	WG424847
Hexachlorobenzene	ppm	0.245	0.237	74.0	51-117	3.66	24	WG424847
Hexachlorocyclopentadiene	ppm	0.197	0.196	59.0	21-127	0.410	40	WG424847
Hexachloroethane	ppm	0.201	0.196	60.0	43-104	2.78	27	WG424847
Indeno(1,2,3-cd)pyrene	ppm	0.271	0.258	81.0	42-127	4.95	28	WG424847
Isophorone	ppm	0.224	0.213	67.0	56-116	4.89	21	WG424847
n-Nitrosodi-n-propylamine	ppm	0.257	0.237	77.0	54-113	8.25	21	WG424847
n-Nitrosodiphenylamine	ppm	0.252	0.242	76.0	66-126	3.96	22	WG424847
Naphthalene	ppm	0.212	0.197	64.0	46-97	7.57	23	WG424847
Nitrobenzene	ppm	0.216	0.206	65.0	46-102	5.02	23	WG424847
Pentachlorophenol	ppm	0.225	0.214	68.0	37-118	4.96	28	WG424847
Phenanthrene	ppm	0.220	0.213	66.0	56-102	3.60	20	WG424847
Phenol	ppm	0.236	0.218	71.0	55-115	7.71	22	WG424847
Pyrene	ppm	0.242	0.230	73.0	53-111	5.05	26	WG424847
2,4,6-Tribromophenol				63.25	25-137			WG424847
2-Fluorobiphenyl				64.14	30-120			WG424847
2-Fluorophenol				56.69	26-130			WG424847
Nitrobenzene-d5				52.38	18-119			WG424847
Phenol-d5				57.19	37-141			WG424847
p-Terphenyl-d14				76.32	23-143			WG424847

Analyte	Units	Matrix Spike				Limit	Ref Samp	Batch
		MS Res	Ref Res	TV	% Rec			
Mercury	mg/kg	0.293	0.0340	.25	104.	70-130	L405501-14	WG424760
1-Methylnaphthalene	ppm	0.0596	0.0180	.033	126.	19-131	L405277-02	WG424733
2-Chloronaphthalene	ppm	0.0257	0.00	.033	77.8	38-117	L405277-02	WG424733
2-Methylnaphthalene	ppm	0.0877	0.0280	.033	181.*	18-125	L405277-02	WG424733
Acenaphthene	ppm	0.0289	0.00	.033	87.5	31-120	L405277-02	WG424733
Acenaphthylene	ppm	0.0266	0.00	.033	80.7	34-116	L405277-02	WG424733
Anthracene	ppm	0.0256	0.00	.033	77.7	32-131	L405277-02	WG424733
Benzo(a)anthracene	ppm	0.0228	0.00	.033	69.0	32-131	L405277-02	WG424733
Benzo(a)pyrene	ppm	0.0236	0.00	.033	71.5	28-130	L405277-02	WG424733
Benzo(b)fluoranthene	ppm	0.0213	0.00	.033	64.5	37-130	L405277-02	WG424733
Benzo(g,h,i)perylene	ppm	0.0215	0.00	.033	65.2	10-134	L405277-02	WG424733
Benzo(k)fluoranthene	ppm	0.0261	0.00	.033	79.2	31-129	L405277-02	WG424733
Chrysene	ppm	0.0223	0.00	.033	67.7	25-137	L405277-02	WG424733
Dibenz(a,h)anthracene	ppm	0.0226	0.00	.033	68.6	20-134	L405277-02	WG424733
Fluoranthene	ppm	0.0245	0.00	.033	74.3	27-138	L405277-02	WG424733
Fluorene	ppm	0.0310	0.00	.033	93.9	26-136	L405277-02	WG424733
Indeno(1,2,3-cd)pyrene	ppm	0.0218	0.00	.033	66.1	16-135	L405277-02	WG424733
Naphthalene	ppm	0.0291	0.00	.033	88.3	22-121	L405277-02	WG424733
Phenanthrene	ppm	0.0282	0.00	.033	85.5	27-133	L405277-02	WG424733
Pyrene	ppm	0.0233	0.00	.033	70.7	22-133	L405277-02	WG424733
2-Fluorobiphenyl					73.83	30-120		WG424733
Nitrobenzene-d5					59.50	18-119		WG424733
p-Terphenyl-d14					74.82	23-143		WG424733

1-Methylnaphthalene	ppm	0.0251	0.00	.033	75.9	19-131	L405619-04	WG425046
2-Chloronaphthalene	ppm	0.0260	0.00	.033	78.9	38-117	L405619-04	WG425046
2-Methylnaphthalene	ppm	0.0247	0.00	.033	74.7	18-125	L405619-04	WG425046
Acenaphthene	ppm	0.0257	0.00	.033	77.8	31-120	L405619-04	WG425046

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L405501

Analyte	Units	Matrix Spike			% Rec	Limit	Ref Samp	Batch
		MS Res	Ref Res	TV				
Acenaphthylene	ppm	0.0262	0.00	.033	79.3	34-116	L405619-04	WG425046
Anthracene	ppm	0.0254	0.00	.033	76.9	32-131	L405619-04	WG425046
Benzo(a)anthracene	ppm	0.0275	0.00	.033	83.3	32-131	L405619-04	WG425046
Benzo(a)pyrene	ppm	0.0281	0.00	.033	85.1	28-130	L405619-04	WG425046
Benzo(b)fluoranthene	ppm	0.0325	0.00	.033	98.3	37-130	L405619-04	WG425046
Benzo(g,h,i)perylene	ppm	0.0149	0.00	.033	45.1	10-134	L405619-04	WG425046
Benzo(k)fluoranthene	ppm	0.0298	0.00	.033	90.3	31-129	L405619-04	WG425046
Chrysene	ppm	0.0271	0.00	.033	82.2	25-137	L405619-04	WG425046
Dibenz(a,h)anthracene	ppm	0.0206	0.00	.033	62.4	20-134	L405619-04	WG425046
Fluoranthene	ppm	0.0281	0.00	.033	85.0	27-138	L405619-04	WG425046
Fluorene	ppm	0.0271	0.00	.033	82.1	26-136	L405619-04	WG425046
Indeno(1,2,3-cd)pyrene	ppm	0.0189	0.00	.033	57.3	16-135	L405619-04	WG425046
Naphthalene	ppm	0.0238	0.00	.033	72.2	22-121	L405619-04	WG425046
Phenanthrene	ppm	0.0256	0.00	.033	77.5	27-133	L405619-04	WG425046
Pyrene	ppm	0.0231	0.00	.033	70.1	22-133	L405619-04	WG425046
2-Fluorobiphenyl					74.92	30-120		WG425046
Nitrobenzene-d5					59.57	18-119		WG425046
p-Terphenyl-d14					69.90	23-143		WG425046
1,2,4,5-Tetrachlorobenzene	ppm	0.270	0.00	.333	81.1	47-111	L405609-11	WG424847
2,4,5-Trichlorophenol	ppm	0.244	0.00	.333	73.2	28-128	L405609-11	WG424847
2,4,6-Trichlorophenol	ppm	0.246	0.00	.333	73.9	27-128	L405609-11	WG424847
2,4-Dichlorophenol	ppm	0.245	0.00	.333	73.5	39-116	L405609-11	WG424847
2,4-Dimethylphenol	ppm	0.400	0.00	.333	120.*	50-119	L405609-11	WG424847
2,4-Dinitrophenol	ppm	0.156	0.00	.333	46.8	10-123	L405609-11	WG424847
2,4-Dinitrotoluene	ppm	0.227	0.00	.333	68.3	52-121	L405609-11	WG424847
2,6-Dinitrotoluene	ppm	0.226	0.00	.333	67.8	53-114	L405609-11	WG424847
2-Chloronaphthalene	ppm	0.237	0.00	.333	71.3	52-101	L405609-11	WG424847
2-Chlorophenol	ppm	0.227	0.00	.333	68.1	41-112	L405609-11	WG424847
2-Methylnaphthalene	ppm	0.246	0.00	.333	74.0	48-109	L405609-11	WG424847
2-Methylphenol	ppm	0.252	0.00	.333	75.7	56-111	L405609-11	WG424847
2-Nitroaniline	ppm	0.248	0.00	.333	74.5	52-117	L405609-11	WG424847
2-Nitrophenol	ppm	0.238	0.00	.333	71.5	23-117	L405609-11	WG424847
3&4-Methyl Phenol	ppm	0.294	0.00	.333	88.4	50-134	L405609-11	WG424847
3,3-Dichlorobenzidine	ppm	0.168	0.00	.333	50.4	10-133	L405609-11	WG424847
3-Nitroaniline	ppm	0.191	0.00	.333	57.5	5-134	L405609-11	WG424847
4,6-Dinitro-2-methylphenol	ppm	0.263	0.00	.333	79.0	10-124	L405609-11	WG424847
4-Bromophenyl-phenylether	ppm	0.255	0.00	.333	76.6	37-103	L405609-11	WG424847
4-Chloro-3-methylphenol	ppm	0.243	0.00	.333	73.0	52-119	L405609-11	WG424847
4-Chloroaniline	ppm	0.262	0.00	.333	78.6	4-134	L405609-11	WG424847
4-Chlorophenyl-phenylether	ppm	0.262	0.00	.333	78.6	53-105	L405609-11	WG424847
4-Nitroaniline	ppm	0.193	0.00	.333	58.0	12-129	L405609-11	WG424847
4-Nitrophenol	ppm	0.231	0.00	.333	69.3	15-140	L405609-11	WG424847
Acenaphthene	ppm	0.242	0.00	.333	72.7	52-102	L405609-11	WG424847
Acenaphthylene	ppm	0.253	0.00	.333	75.8	54-103	L405609-11	WG424847
Acetophenone	ppm	0.229	0.00	.333	68.8	38-94	L405609-11	WG424847
Anthracene	ppm	0.238	0.00	.333	71.4	55-114	L405609-11	WG424847
Atrazine	ppm	0.258	0.00	.333	77.5	40-144	L405609-11	WG424847
Benzaldehyde	ppm	0.105	0.00	.333	31.7	0-100	L405609-11	WG424847
Benzo(a)anthracene	ppm	0.230	0.00	.333	69.0	37-124	L405609-11	WG424847
Benzo(a)pyrene	ppm	0.234	0.00	.333	70.3	44-129	L405609-11	WG424847
Benzo(b)fluoranthene	ppm	0.216	0.00	.333	64.8	28-135	L405609-11	WG424847
Benzo(g,h,i)perylene	ppm	0.282	0.00	.333	84.8	25-123	L405609-11	WG424847
Benzo(k)fluoranthene	ppm	0.238	0.00	.333	71.4	41-116	L405609-11	WG424847
Benzylbutyl phthalate	ppm	0.301	0.00	.333	90.5	45-143	L405609-11	WG424847
Biphenyl	ppm	0.243	0.00	.333	72.9	49-103	L405609-11	WG424847
Bis(2-chloroethoxy)methane	ppm	0.266	0.00	.333	80.0	48-108	L405609-11	WG424847
Bis(2-chloroethyl)ether	ppm	0.262	0.00	.333	78.6	36-115	L405609-11	WG424847

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Quality Assurance Report
Level II

June 24, 2009

L405501

Analyte	Units	MS Res	Matrix Spike		% Rec	Limit	Ref Samp	Batch
			Ref Res	TV				
Bis(2-chloroisopropyl)ether	ppm	0.253	0.00	.333	76.1	44-109	L405609-11	WG424847
Bis(2-ethylhexyl)phthalate	ppm	0.350	0.00	.333	105.	40-128	L405609-11	WG424847
Caprolactam	ppm	0.208	0.00	.333	62.6	26-140	L405609-11	WG424847
Carbazole	ppm	0.208	0.00	.333	62.4	43-122	L405609-11	WG424847
Chrysene	ppm	0.197	0.00	.333	59.0	39-119	L405609-11	WG424847
Di-n-butyl phthalate	ppm	0.282	0.00	.333	84.5	49-121	L405609-11	WG424847
Di-n-octyl phthalate	ppm	0.321	0.00	.333	96.3	40-132	L405609-11	WG424847
Dibenz(a,h)anthracene	ppm	0.265	0.00	.333	79.6	29-123	L405609-11	WG424847
Dibenzofuran	ppm	0.248	0.00	.333	74.3	54-111	L405609-11	WG424847
Diethyl phthalate	ppm	0.264	0.00	.333	79.4	51-113	L405609-11	WG424847
Dimethyl phthalate	ppm	0.267	0.00	.333	80.1	54-108	L405609-11	WG424847
Fluoranthene	ppm	0.220	0.00	.333	65.9	23-143	L405609-11	WG424847
Fluorene	ppm	0.238	0.00	.333	71.6	53-107	L405609-11	WG424847
Hexachloro-1,3-butadiene	ppm	0.257	0.00	.333	77.2	39-113	L405609-11	WG424847
Hexachlorobenzene	ppm	0.269	0.00	.333	80.7	49-108	L405609-11	WG424847
Hexachlorocyclopentadiene	ppm	0.222	0.00	.333	66.5	10-131	L405609-11	WG424847
Hexachloroethane	ppm	0.236	0.00	.333	70.9	25-118	L405609-11	WG424847
Indeno(1,2,3-cd)pyrene	ppm	0.267	0.00	.333	80.2	28-125	L405609-11	WG424847
Isophorone	ppm	0.238	0.00	.333	71.6	51-115	L405609-11	WG424847
n-Nitrosodi-n-propylamine	ppm	0.276	0.00	.333	82.8	54-110	L405609-11	WG424847
n-Nitrosodiphenylamine	ppm	0.257	0.00	.333	77.0	54-138	L405609-11	WG424847
Naphthalene	ppm	0.230	0.00	.333	69.1	41-100	L405609-11	WG424847
Nitrobenzene	ppm	0.236	0.00	.333	70.7	40-102	L405609-11	WG424847
Pentachlorophenol	ppm	0.234	0.00	.333	70.2	10-146	L405609-11	WG424847
Phenanthrene	ppm	0.235	0.00	.333	70.5	37-125	L405609-11	WG424847
Phenol	ppm	0.248	0.00	.333	74.6	52-111	L405609-11	WG424847
Pyrene	ppm	0.240	0.00	.333	72.1	22-151	L405609-11	WG424847
2,4,6-Tribromophenol					73.05	25-137		WG424847
2-Fluorobiphenyl					68.75	30-120		WG424847
2-Fluorophenol					63.97	26-130		WG424847
Nitrobenzene-d5					58.62	18-119		WG424847
Phenol-d5					61.03	37-141		WG424847
p-Terphenyl-d14					64.02	23-143		WG424847
Antimony	mg/kg	9.75	0.00	50	19.5*	75-125	L405676-01	WG424884
Arsenic	mg/kg	58.6	15.0	50	87.2	75-125	L405676-01	WG424884
Beryllium	mg/kg	44.8	0.461	50	88.7	75-125	L405676-01	WG424884
Cadmium	mg/kg	44.6	0.00	50	89.2	75-125	L405676-01	WG424884
Chromium	mg/kg	74.5	27.0	50	95.0	75-125	L405676-01	WG424884
Copper	mg/kg	73.3	25.3	50	96.0	75-125	L405676-01	WG424884
Lead	mg/kg	123.	65.0	50	116.	75-125	L405676-01	WG424884
Nickel	mg/kg	60.8	16.5	50	88.6	75-125	L405676-01	WG424884
Selenium	mg/kg	33.2	0.00	50	66.4*	75-125	L405676-01	WG424884
Silver	mg/kg	44.2	0.00	50	88.4	75-125	L405676-01	WG424884
Thallium	mg/kg	43.2	0.101	50	86.2	75-125	L405676-01	WG424884
Zinc	mg/kg	109.	87.2	50	43.6*	75-125	L405676-01	WG424884

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref Samp	Batch
			Ref	%Rec					
Mercury	mg/kg	0.306	0.293	109.	70-130	4.34	20	L405501-14	WG424760
1-Methylnaphthalene	ppm	0.0483	0.0596	91.8	19-131	20.9	30	L405277-02	WG424733
2-Chloronaphthalene	ppm	0.0240	0.0257	72.8	38-117	6.60	26	L405277-02	WG424733
2-Methylnaphthalene	ppm	0.0736	0.0877	138.113*	18-125	17.5	29	L405277-02	WG424733
Acenaphthene	ppm	0.0254	0.0289	76.9	31-120	12.8	30	L405277-02	WG424733
Acenaphthylene	ppm	0.0232	0.0266	70.4	34-116	13.7	29	L405277-02	WG424733

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Quality Assurance Report
Level II

June 24, 2009

L405501

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit Ref	Samp	Batch
			Ref	%Rec					
Anthracene	ppm	0.0249	0.0256	75.3	32-131	3.04	26	L405277-02	WG424733
Benzo(a)anthracene	ppm	0.0246	0.0228	74.7	32-131	7.96	31	L405277-02	WG424733
Benzo(a)pyrene	ppm	0.0246	0.0236	74.6	28-130	4.21	28	L405277-02	WG424733
Benzo(b)fluoranthene	ppm	0.0246	0.0213	74.5	37-130	14.4	41	L405277-02	WG424733
Benzo(g,h,i)perylene	ppm	0.0228	0.0215	69.2	10-134	5.96	26	L405277-02	WG424733
Benzo(k)fluoranthene	ppm	0.0245	0.0261	74.2	31-129	6.42	42	L405277-02	WG424733
Chrysene	ppm	0.0215	0.0223	65.1	25-137	3.87	22	L405277-02	WG424733
Dibenz(a,h)anthracene	ppm	0.0232	0.0226	70.3	20-134	2.48	25	L405277-02	WG424733
Fluoranthene	ppm	0.0242	0.0245	73.3	27-138	1.48	35	L405277-02	WG424733
Fluorene	ppm	0.0271	0.0310	82.1	26-136	13.4	30	L405277-02	WG424733
Indeno(1,2,3-cd)pyrene	ppm	0.0231	0.0218	70.1	16-135	5.80	26	L405277-02	WG424733
Naphthalene	ppm	0.0266	0.0291	80.5	22-121	9.26	30	L405277-02	WG424733
Phenanthrene	ppm	0.0292	0.0282	88.5	27-133	3.44	36	L405277-02	WG424733
Pyrene	ppm	0.0235	0.0233	71.1	22-133	0.578	33	L405277-02	WG424733
2-Fluorobiphenyl				66.72	30-120				WG424733
Nitrobenzene-d5				59.30	18-119				WG424733
p-Terphenyl-d14				75.21	23-143				WG424733
1-Methylnaphthalene	ppm	0.0251	0.0251	76.1	19-131	0.224	30	L405619-04	WG425046
2-Chloronaphthalene	ppm	0.0273	0.0260	82.6	38-117	4.62	26	L405619-04	WG425046
2-Methylnaphthalene	ppm	0.0260	0.0247	78.8	18-125	5.24	29	L405619-04	WG425046
Acenaphthene	ppm	0.0261	0.0257	79.2	31-120	1.76	30	L405619-04	WG425046
Acenaphthylene	ppm	0.0269	0.0262	81.7	34-116	2.97	29	L405619-04	WG425046
Anthracene	ppm	0.0279	0.0254	84.6	32-131	9.56	26	L405619-04	WG425046
Benzo(a)anthracene	ppm	0.0301	0.0275	91.2	32-131	8.97	31	L405619-04	WG425046
Benzo(a)pyrene	ppm	0.0287	0.0281	86.9	28-130	2.16	28	L405619-04	WG425046
Benzo(b)fluoranthene	ppm	0.0321	0.0325	97.2	37-130	1.22	41	L405619-04	WG425046
Benzo(g,h,i)perylene	ppm	0.0165	0.0149	50.0	10-134	10.3	26	L405619-04	WG425046
Benzo(k)fluoranthene	ppm	0.0312	0.0298	94.5	31-129	4.49	42	L405619-04	WG425046
Chrysene	ppm	0.0265	0.0271	80.3	25-137	2.33	22	L405619-04	WG425046
Dibenz(a,h)anthracene	ppm	0.0220	0.0206	66.8	20-134	6.84	25	L405619-04	WG425046
Fluoranthene	ppm	0.0317	0.0281	96.2	27-138	12.3	35	L405619-04	WG425046
Fluorene	ppm	0.0276	0.0271	83.6	26-136	1.83	30	L405619-04	WG425046
Indeno(1,2,3-cd)pyrene	ppm	0.0201	0.0189	60.9	16-135	6.13	26	L405619-04	WG425046
Naphthalene	ppm	0.0245	0.0238	74.1	22-121	2.67	30	L405619-04	WG425046
Phenanthrene	ppm	0.0284	0.0256	86.1	27-133	10.5	36	L405619-04	WG425046
Pyrene	ppm	0.0239	0.0231	72.3	22-133	3.07	33	L405619-04	WG425046
2-Fluorobiphenyl				73.43	30-120				WG425046
Nitrobenzene-d5				61.13	18-119				WG425046
p-Terphenyl-d14				74.13	23-143				WG425046
1,2,4,5-Tetrachlorobenzene	ppm	0.296	0.270	89.0	47-111	9.29	20	L405609-11	WG424847
2,4,5-Trichlorophenol	ppm	0.257	0.244	77.2	28-128	5.33	29	L405609-11	WG424847
2,4,6-Trichlorophenol	ppm	0.261	0.246	78.4	27-128	5.82	31	L405609-11	WG424847
2,4-Dichlorophenol	ppm	0.261	0.245	78.3	39-116	6.34	23	L405609-11	WG424847
2,4-Dimethylphenol	ppm	0.402	0.400	120.763*	50-119	0.489	27	L405609-11	WG424847
2,4-Dinitrophenol	ppm	0.189	0.156	56.7	10-123	19.2	42	L405609-11	WG424847
2,4-Dinitrotoluene	ppm	0.234	0.227	70.2	52-121	2.72	23	L405609-11	WG424847
2,6-Dinitrotoluene	ppm	0.240	0.226	71.9	53-114	5.92	22	L405609-11	WG424847
2-Chloronaphthalene	ppm	0.252	0.237	75.8	52-101	6.11	20	L405609-11	WG424847
2-Chlorophenol	ppm	0.236	0.227	70.9	41-112	4.04	27	L405609-11	WG424847
2-Methylnaphthalene	ppm	0.259	0.246	77.8	48-109	4.96	22	L405609-11	WG424847
2-Methylphenol	ppm	0.268	0.252	80.5	56-111	6.19	20	L405609-11	WG424847
2-Nitroaniline	ppm	0.256	0.248	76.8	52-117	3.09	24	L405609-11	WG424847
2-Nitrophenol	ppm	0.260	0.238	78.2	23-117	8.87	31	L405609-11	WG424847
3&4-Methyl Phenol	ppm	0.300	0.294	90.0	50-134	1.79	32	L405609-11	WG424847
3,3-Dichlorobenzidine	ppm	0.178	0.168	53.5	10-133	5.97	41	L405609-11	WG424847

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Quality Assurance Report
Level II

June 24, 2009

L405501

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref	Samp	Batch
			Ref	%Rec						
3-Nitroaniline	ppm	0.207	0.191	62.2	5-134	7.82	30	L405609-11	WG424847	
4,6-Dinitro-2-methylphenol	ppm	0.280	0.263	84.2	10-124	6.38	38	L405609-11	WG424847	
4-Bromophenyl-phenylether	ppm	0.271	0.255	81.3	37-103	5.97	23	L405609-11	WG424847	
4-Chloro-3-methylphenol	ppm	0.258	0.243	77.5	52-119	6.02	24	L405609-11	WG424847	
4-Chloroaniline	ppm	0.278	0.262	83.6	4-134	6.12	28	L405609-11	WG424847	
4-Chlorophenyl-phenylether	ppm	0.287	0.262	86.1	53-105	9.15	20	L405609-11	WG424847	
4-Nitroaniline	ppm	0.203	0.193	61.0	12-129	5.01	34	L405609-11	WG424847	
4-Nitrophenol	ppm	0.228	0.231	68.5	15-140	1.25	40	L405609-11	WG424847	
Acenaphthene	ppm	0.262	0.242	78.8	52-102	8.08	23	L405609-11	WG424847	
Acenaphthylene	ppm	0.257	0.253	77.2	54-103	1.79	22	L405609-11	WG424847	
Acetophenone	ppm	0.238	0.229	71.5	38-94	3.80	22	L405609-11	WG424847	
Anthracene	ppm	0.266	0.238	80.0	55-114	11.4	21	L405609-11	WG424847	
Atrazine	ppm	0.265	0.258	79.6	40-144	2.64	21	L405609-11	WG424847	
Benzaldehyde	ppm	0.103	0.105	31.1	0-100	1.86	37	L405609-11	WG424847	
Benzo(a)anthracene	ppm	0.247	0.230	74.2	37-124	7.24	33	L405609-11	WG424847	
Benzo(a)pyrene	ppm	0.253	0.234	76.0	44-129	7.74	27	L405609-11	WG424847	
Benzo(b)fluoranthene	ppm	0.233	0.216	69.8	28-135	7.48	33	L405609-11	WG424847	
Benzo(g,h,i)perylene	ppm	0.300	0.282	90.0	25-123	5.92	35	L405609-11	WG424847	
Benzo(k)fluoranthene	ppm	0.258	0.238	77.4	41-116	8.07	34	L405609-11	WG424847	
Benzylbutyl phthalate	ppm	0.315	0.301	94.7	45-143	4.53	39	L405609-11	WG424847	
Biphenyl	ppm	0.258	0.243	77.6	49-103	6.21	24	L405609-11	WG424847	
Bis(2-chloroethoxy)methane	ppm	0.285	0.266	85.6	48-108	6.74	23	L405609-11	WG424847	
Bis(2-chloroethyl)ether	ppm	0.265	0.262	79.6	36-115	1.25	30	L405609-11	WG424847	
Bis(2-chloroisopropyl)ether	ppm	0.262	0.253	78.6	44-109	3.25	27	L405609-11	WG424847	
Bis(2-ethylhexyl)phthalate	ppm	0.358	0.350	108.	40-128	2.33	34	L405609-11	WG424847	
Caprolactam	ppm	0.227	0.208	68.2	26-140	8.62	27	L405609-11	WG424847	
Carbazole	ppm	0.230	0.208	69.0	43-122	9.93	25	L405609-11	WG424847	
Chrysene	ppm	0.210	0.197	63.0	39-119	6.44	31	L405609-11	WG424847	
Di-n-butyl phthalate	ppm	0.302	0.282	90.6	49-121	6.89	22	L405609-11	WG424847	
Di-n-octyl phthalate	ppm	0.329	0.321	98.9	40-132	2.68	27	L405609-11	WG424847	
Dibenz(a,h)anthracene	ppm	0.289	0.265	86.9	29-123	8.79	30	L405609-11	WG424847	
Dibenzofuran	ppm	0.252	0.248	75.8	54-111	1.99	21	L405609-11	WG424847	
Diethyl phthalate	ppm	0.279	0.264	83.8	51-113	5.42	21	L405609-11	WG424847	
Dimethyl phthalate	ppm	0.271	0.267	81.4	54-108	1.60	23	L405609-11	WG424847	
Fluoranthene	ppm	0.234	0.220	70.2	23-143	6.28	29	L405609-11	WG424847	
Fluorene	ppm	0.246	0.238	73.9	53-107	3.19	22	L405609-11	WG424847	
Hexachloro-1,3-butadiene	ppm	0.277	0.257	83.2	39-113	7.42	26	L405609-11	WG424847	
Hexachlorobenzene	ppm	0.267	0.269	80.0	49-108	0.804	27	L405609-11	WG424847	
Hexachlorocyclopentadiene	ppm	0.235	0.222	70.7	10-131	6.04	39	L405609-11	WG424847	
Hexachloroethane	ppm	0.240	0.236	72.0	25-118	1.52	35	L405609-11	WG424847	
Indeno(1,2,3-cd)pyrene	ppm	0.291	0.267	87.3	28-125	8.42	32	L405609-11	WG424847	
Isophorone	ppm	0.245	0.238	73.4	51-115	2.57	22	L405609-11	WG424847	
n-Nitrosodi-n-propylamine	ppm	0.287	0.276	86.0	54-110	3.86	23	L405609-11	WG424847	
n-Nitrosodiphenylamine	ppm	0.272	0.257	81.7	54-138	5.85	26	L405609-11	WG424847	
Naphthalene	ppm	0.244	0.230	73.3	41-100	5.92	26	L405609-11	WG424847	
Nitrobenzene	ppm	0.247	0.236	74.2	40-102	4.72	24	L405609-11	WG424847	
Pentachlorophenol	ppm	0.252	0.234	75.6	10-146	7.36	35	L405609-11	WG424847	
Phenanthrene	ppm	0.249	0.235	74.8	37-125	5.86	27	L405609-11	WG424847	
Phenol	ppm	0.255	0.248	76.7	52-111	2.83	22	L405609-11	WG424847	
Pyrene	ppm	0.250	0.240	74.9	22-151	3.83	38	L405609-11	WG424847	
2,4,6-Tribromophenol				79.97	25-137				WG424847	
2-Fluorobiphenyl				73.68	30-120				WG424847	
2-Fluorophenol				66.86	26-130				WG424847	
Nitrobenzene-d5				63.54	18-119				WG424847	
Phenol-d5				65.78	37-141				WG424847	
p-Terphenyl-d14				72.51	23-143				WG424847	
Antimony	mg/kg	7.95	9.75	15.9*	75-125	20.3*	20	L405676-01	WG424884	

* Performance of this Analyte is outside of established criteria.

For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'



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SLR International Corp. - West Linn, OR
Chris Kramer
1800 Blankenship Road, Suite 440
West Linn, OR 97068

Quality Assurance Report
Level II

L405501

June 24, 2009

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref Samp	Batch
			Ref	%Rec					
Arsenic	mg/kg	60.4	58.6	90.8	75-125	3.03	20	L405676-01	WG424884
Beryllium	mg/kg	44.7	44.8	88.5	75-125	0.223	20	L405676-01	WG424884
Cadmium	mg/kg	43.2	44.6	86.4	75-125	3.19	20	L405676-01	WG424884
Chromium	mg/kg	62.4	74.5	70.8*	75-125	17.7	20	L405676-01	WG424884
Copper	mg/kg	65.9	73.3	81.2	75-125	10.6	20	L405676-01	WG424884
Lead	mg/kg	73.6	123.	17.2*	75-125	50.3*	20	L405676-01	WG424884
Nickel	mg/kg	60.3	60.8	87.6	75-125	0.826	20	L405676-01	WG424884
Selenium	mg/kg	32.1	33.2	64.2*	75-125	3.37	20	L405676-01	WG424884
Silver	mg/kg	43.2	44.2	86.4	75-125	2.29	20	L405676-01	WG424884
Thallium	mg/kg	42.8	43.2	85.4	75-125	0.930	20	L405676-01	WG424884
Zinc	mg/kg	100.	109.	25.6*	75-125	8.61	20	L405676-01	WG424884

Batch number /Run number / Sample number cross reference

WG424733: R772686: L405501-01 02 03 04 05 06
 WG424760: R773427: L405501-01 02 03 04 05 06 07 08 09 10 11 12 13 14
 WG424911: R773829: L405501-01 02 03 04 05 06 07
 WG424912: R773830: L405501-08 09 10 11 12 13 14
 WG424847: R774848: L405501-04 10 11
 WG425046: R775006: L405501-07 08 09 10 11 12 13 14
 WG424884: R775950: L405501-01 02 03 04 05 06 07 08 09 10 11 12 13 14

* * Calculations are performed prior to rounding of reported values .
 * Performance of this Analyte is outside of established criteria.
 For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'



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Level II

West Linn, OR 97068

L405501

June 24, 2009

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.



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West Linn, OR 97068

Report Summary

Friday July 03, 2009

Report Number: L410340

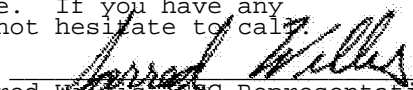
Samples Received: 05/23/09

Client Project: 008.0339.00001

Description: Bay Wood Project - Everett, WA

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:


Jarred Willis, ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140
NJ - TN002, NJ NELAP - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910

Accreditation is only applicable to the test methods specified on each scope of accreditation held by ESC Lab Sciences.

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Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.



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REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

July 03, 2009

Date Received : May 23, 2009
Description : Bay Wood Project - Everett, WA

ESC Sample # : L410340-01

Sample ID : PB-5B

Site ID : EVERETT, WA

Collected By :
Collection Date : 05/21/09 00:00

Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
Total Solids	93.1			%		2540G	05/29/09	1
Base/Neutral Extractables								
Acenaphthylene	U	0.028	0.035	mg/kg		8270C	05/27/09	1
Acetophenone	U	0.011	0.035	mg/kg		8270C	05/27/09	1
Atrazine	U	0.11	0.35	mg/kg		8270C	05/27/09	1
Benzaldehyde	U	0.11	0.35	mg/kg		8270C	05/27/09	1
Biphenyl	U	0.11	0.35	mg/kg		8270C	05/27/09	1
Bis(2-chloroethoxy)methane	U	0.032	0.35	mg/kg		8270C	05/27/09	1
Bis(2-chloroethyl)ether	U	0.028	0.35	mg/kg		8270C	05/27/09	1
Bis(2-chloroisopropyl)ether	U	0.033	0.35	mg/kg		8270C	05/27/09	1
4-Bromophenyl-phenylether	U	0.022	0.35	mg/kg		8270C	05/27/09	1
2-Chloronaphthalene	U	0.026	0.35	mg/kg		8270C	05/27/09	1
4-Chlorophenyl-phenylether	U	0.025	0.35	mg/kg		8270C	05/27/09	1
3,3-Dichlorobenzidine	U	0.031	0.35	mg/kg		8270C	05/27/09	1
2,4-Dinitrotoluene	U	0.025	0.35	mg/kg		8270C	05/27/09	1
2,6-Dinitrotoluene	U	0.023	0.35	mg/kg		8270C	05/27/09	1
Hexachlorobenzene	U	0.025	0.35	mg/kg		8270C	05/27/09	1
Hexachloro-1,3-butadiene	U	0.032	0.35	mg/kg		8270C	05/27/09	1
Hexachlorocyclopentadiene	U	0.035	0.35	mg/kg		8270C	05/27/09	1
Hexachloroethane	U	0.033	0.35	mg/kg		8270C	05/27/09	1
Isophorone	U	0.038	0.35	mg/kg		8270C	05/27/09	1
2-Methylnaphthalene	U	0.026	0.35	mg/kg		8270C	05/27/09	1
2-Methylphenol	U	0.033	0.35	mg/kg		8270C	05/27/09	1
3&4-Methyl Phenol	U	0.033	0.35	mg/kg		8270C	05/27/09	1
2-Nitroaniline	U	0.021	0.35	mg/kg		8270C	05/27/09	1
3-Nitroaniline	U	0.065	0.35	mg/kg		8270C	05/27/09	1
4-Nitroaniline	U	0.038	0.35	mg/kg		8270C	05/27/09	1
Nitrobenzene	U	0.028	0.35	mg/kg		8270C	05/27/09	1
n-Nitrosodiphenylamine	U	0.034	0.35	mg/kg		8270C	05/27/09	1
n-Nitrosodi-n-propylamine	U	0.033	0.35	mg/kg		8270C	05/27/09	1
Benzylbutyl phthalate	U	0.038	0.35	mg/kg		8270C	05/27/09	1
Caprolactam	U	0.11	0.35	mg/kg		8270C	05/27/09	1
Carbazole	U	0.029	0.35	mg/kg		8270C	05/27/09	1
Bis(2-ethylhexyl)phthalate	U	0.060	0.35	mg/kg		8270C	05/27/09	1
4-Chloroaniline	U	0.036	0.35	mg/kg		8270C	05/27/09	1
Di-n-butyl phthalate	U	0.027	0.35	mg/kg		8270C	05/27/09	1
Dibenzofuran	U	0.022	0.35	mg/kg		8270C	05/27/09	1
Diethyl phthalate	U	0.040	0.35	mg/kg		8270C	05/27/09	1
Dimethyl phthalate	U	0.026	0.35	mg/kg		8270C	05/27/09	1
Di-n-octyl phthalate	U	0.036	0.35	mg/kg		8270C	05/27/09	1
Acid Extractables								
4-Chloro-3-methylphenol	U	0.034	0.35	mg/kg		8270C	05/27/09	1

Results listed are dry weight basis.

U = ND (Not Detected)

MDL = Minimum Detection Limit = LOD

RDL = Reported Detection Limit = LOQ = PQL = EQL

Note:

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Reported: 07/02/09 17:19 Revised: 07/03/09 17:06



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REPORT OF ANALYSIS

Chris Kramer
SLR International Corp. - West Linn
1800 Blankenship Road, Suite 440
West Linn, OR 97068

July 03, 2009

Date Received : May 23, 2009
Description : Bay Wood Project - Everett, WA

ESC Sample # : L410340-01

Sample ID : PB-5B

Site ID : EVERETT, WA

Collected By :
Collection Date : 05/21/09 00:00

Project # : 008.0339.00001

Parameter	Dry Result	MDL	RDL	Units	Q	Method	Date	Dil.
2-Chlorophenol	U	0.031	0.35	mg/kg		8270C	05/27/09	1
2,4-Dichlorophenol	U	0.024	0.35	mg/kg		8270C	05/27/09	1
2,4-Dimethylphenol	U	0.038	0.35	mg/kg	J4	8270C	05/27/09	1
4,6-Dinitro-2-methylphenol	U	0.040	0.35	mg/kg		8270C	05/27/09	1
2,4-Dinitrophenol	U	0.041	0.35	mg/kg		8270C	05/27/09	1
2-Nitrophenol	U	0.027	0.35	mg/kg		8270C	05/27/09	1
4-Nitrophenol	U	0.027	0.35	mg/kg		8270C	05/27/09	1
Pentachlorophenol	U	0.031	0.35	mg/kg		8270C	05/27/09	1
Phenol	U	0.029	0.35	mg/kg		8270C	05/27/09	1
1,2,4,5-Tetrachlorobenzene	U	0.016	0.054	mg/kg		8270C	05/27/09	1
2,4,5-Trichlorophenol	U	0.030	0.35	mg/kg		8270C	05/27/09	1
2,4,6-Trichlorophenol	U	0.028	0.35	mg/kg		8270C	05/27/09	1
Benzo(a)anthracene	U	0.032	0.35	mg/kg		8270C	05/27/09	1
Benzo(a)pyrene	U	0.027	0.35	mg/kg		8270C	05/27/09	1
Benzo(b)fluoranthene	U	0.030	0.35	mg/kg		8270C	05/27/09	1
Benzo(k)fluoranthene	U	0.031	0.35	mg/kg		8270C	05/27/09	1
Chrysene	U	0.035	0.35	mg/kg		8270C	05/27/09	1
Dibenz(a,h)anthracene	U	0.028	0.35	mg/kg		8270C	05/27/09	1
Indeno(1,2,3-cd)pyrene	U	0.029	0.35	mg/kg		8270C	05/27/09	1
Acenaphthene	U	0.024	0.35	mg/kg		8270C	05/27/09	1
Anthracene	U	0.023	0.35	mg/kg		8270C	05/27/09	1
Benzo(g,h,i)perylene	U	0.029	0.35	mg/kg		8270C	05/27/09	1
Fluoranthene	U	0.024	0.35	mg/kg		8270C	05/27/09	1
Fluorene	U	0.023	0.35	mg/kg		8270C	05/27/09	1
Naphthalene	U	0.026	0.35	mg/kg		8270C	05/27/09	1
Phenanthrene	U	0.025	0.35	mg/kg		8270C	05/27/09	1
Pyrene	U	0.036	0.35	mg/kg		8270C	05/27/09	1
Surrogate Recovery								
Nitrobenzene-d5	63.5			% Rec.		8270C	05/27/09	1
2-Fluorobiphenyl	62.5			% Rec.		8270C	05/27/09	1
p-Terphenyl-d14	96.4			% Rec.		8270C	05/27/09	1
Phenol-d5	70.7			% Rec.		8270C	05/27/09	1
2-Fluorophenol	74.2			% Rec.		8270C	05/27/09	1
2,4,6-Tribromophenol	77.9			% Rec.		8270C	05/27/09	1

Results listed are dry weight basis.

U = ND (Not Detected)

MDL = Minimum Detection Limit = LOD

RDL = Reported Detection Limit = LOQ = PQL = EQL

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Reported: 07/02/09 17:19 Revised: 07/03/09 17:06

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L410340-01	WG423526	SAMP	2,4-Dimethylphenol	R759406	J4

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J4	The associated batch QC was outside the established quality control range for accuracy.

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

Definitions

- Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.
- Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Difference.
- Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromatography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.
- TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Summary of Remarks For Samples Printed
07/03/09 at 17:07:00

TSR Signing Reports: 358
R5 - Desired TAT

Log all arsenic gw samples as ASG.

Sample: L410340-01 Account: SLRWLOR Received: 05/23/09 09:00 Due Date: 07/08/09 00:00 RPT Date: 07/02/09 17:19
Relogged from L404242-05



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Quality Assurance Report
Level II

July 03, 2009

L410340

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
1,2,4,5-Tetrachlorobenzene	< .05	ppm			WG423526	05/27/09 10:47
2,4,5-Trichlorophenol	< .33	ppm			WG423526	05/27/09 10:47
2,4,6-Trichlorophenol	< .33	ppm			WG423526	05/27/09 10:47
2,4-Dichlorophenol	< .33	ppm			WG423526	05/27/09 10:47
2,4-Dimethylphenol	< .33	ppm			WG423526	05/27/09 10:47
2,4-Dinitrophenol	< .33	ppm			WG423526	05/27/09 10:47
2,4-Dinitrotoluene	< .33	ppm			WG423526	05/27/09 10:47
2,6-Dinitrotoluene	< .33	ppm			WG423526	05/27/09 10:47
2-Chloronaphthalene	< .33	ppm			WG423526	05/27/09 10:47
2-Chlorophenol	< .33	ppm			WG423526	05/27/09 10:47
2-Methylnaphthalene	< .33	ppm			WG423526	05/27/09 10:47
2-Methylphenol	< .33	ppm			WG423526	05/27/09 10:47
2-Nitroaniline	< .33	ppm			WG423526	05/27/09 10:47
2-Nitrophenol	< .33	ppm			WG423526	05/27/09 10:47
3&4-Methyl Phenol	< .33	ppm			WG423526	05/27/09 10:47
3,3-Dichlorobenzidine	< .33	ppm			WG423526	05/27/09 10:47
3-Nitroaniline	< .33	ppm			WG423526	05/27/09 10:47
4,6-Dinitro-2-methylphenol	< .33	ppm			WG423526	05/27/09 10:47
4-Bromophenyl-phenylether	< .33	ppm			WG423526	05/27/09 10:47
4-Chloro-3-methylphenol	< .33	ppm			WG423526	05/27/09 10:47
4-Chloroaniline	< .33	ppm			WG423526	05/27/09 10:47
4-Chlorophenyl-phenylether	< .33	ppm			WG423526	05/27/09 10:47
4-Nitroaniline	< .33	ppm			WG423526	05/27/09 10:47
4-Nitrophenol	< .33	ppm			WG423526	05/27/09 10:47
Acenaphthene	< .33	ppm			WG423526	05/27/09 10:47
Acenaphthylene	< .33	ppm			WG423526	05/27/09 10:47
Acetophenone	< .33	ppm			WG423526	05/27/09 10:47
Anthracene	< .33	ppm			WG423526	05/27/09 10:47
Atrazine	< .33	ppm			WG423526	05/27/09 10:47
Benzaldehyde	< .33	ppm			WG423526	05/27/09 10:47
Benzo(a)anthracene	< .33	ppm			WG423526	05/27/09 10:47
Benzo(a)pyrene	< .33	ppm			WG423526	05/27/09 10:47
Benzo(b)fluoranthene	< .33	ppm			WG423526	05/27/09 10:47
Benzo(g,h,i)perylene	< .33	ppm			WG423526	05/27/09 10:47
Benzo(k)fluoranthene	< .33	ppm			WG423526	05/27/09 10:47
Benzylbutyl phthalate	< .33	ppm			WG423526	05/27/09 10:47
Biphenyl	< .33	ppm			WG423526	05/27/09 10:47
Bis(2-chlorethoxy)methane	< .33	ppm			WG423526	05/27/09 10:47
Bis(2-chloroethyl)ether	< .33	ppm			WG423526	05/27/09 10:47
Bis(2-chloroisopropyl)ether	< .33	ppm			WG423526	05/27/09 10:47
Bis(2-ethylhexyl)phthalate	< .33	ppm			WG423526	05/27/09 10:47
Caprolactam	< .33	ppm			WG423526	05/27/09 10:47
Carbazole	< .33	ppm			WG423526	05/27/09 10:47
Chrysene	< .33	ppm			WG423526	05/27/09 10:47
Di-n-butyl phthalate	< .33	ppm			WG423526	05/27/09 10:47
Di-n-octyl phthalate	< .33	ppm			WG423526	05/27/09 10:47
Dibenz(a,h)anthracene	< .33	ppm			WG423526	05/27/09 10:47
Dibenzofuran	< .33	ppm			WG423526	05/27/09 10:47
Diethyl phthalate	< .33	ppm			WG423526	05/27/09 10:47
Dimethyl phthalate	< .33	ppm			WG423526	05/27/09 10:47
Fluoranthene	< .33	ppm			WG423526	05/27/09 10:47
Fluorene	< .33	ppm			WG423526	05/27/09 10:47
Hexachloro-1,3-butadiene	< .33	ppm			WG423526	05/27/09 10:47
Hexachlorobenzene	< .33	ppm			WG423526	05/27/09 10:47
Hexachlorocyclopentadiene	< .33	ppm			WG423526	05/27/09 10:47
Hexachloroethane	< .33	ppm			WG423526	05/27/09 10:47
Indeno(1,2,3-cd)pyrene	< .33	ppm			WG423526	05/27/09 10:47
Isophorone	< .33	ppm			WG423526	05/27/09 10:47
n-Nitrosodi-n-propylamine	< .33	ppm			WG423526	05/27/09 10:47

* Performance of this Analyte is outside of established criteria.

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Est. 1970

SLR International Corp. - West Linn, OR
Chris Kramer
1800 Blankenship Road, Suite 440

Quality Assurance Report
Level II

West Linn, OR 97068

July 03, 2009

L410340

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
n-Nitrosodiphenylamine	< .33	ppm			WG423526	05/27/09 10:47
Naphthalene	< .33	ppm			WG423526	05/27/09 10:47
Nitrobenzene	< .33	ppm			WG423526	05/27/09 10:47
Pentachlorophenol	< .33	ppm			WG423526	05/27/09 10:47
Phenanthrene	< .33	ppm			WG423526	05/27/09 10:47
Phenol	< .33	ppm			WG423526	05/27/09 10:47
Pyrene	< .33	ppm			WG423526	05/27/09 10:47
2,4,6-Tribromophenol		% Rec.	68.61	25-137	WG423526	05/27/09 10:47
2-Fluorobiphenyl		% Rec.	68.89	30-120	WG423526	05/27/09 10:47
2-Fluorophenol		% Rec.	72.41	26-130	WG423526	05/27/09 10:47
Nitrobenzene-d5		% Rec.	66.45	18-119	WG423526	05/27/09 10:47
Phenol-d5		% Rec.	70.70	37-141	WG423526	05/27/09 10:47
p-Terphenyl-d14		% Rec.	81.75	23-143	WG423526	05/27/09 10:47
Total Solids	< .1	%			WG423815	05/29/09 10:51

Analyte	Units	Result	Duplicate		RPD	Limit	Ref Samp	Batch
			Duplicate					
Total Solids	%	84.9	83.8		1.26	5	L404245-03	WG423815

Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
1,2,4,5-Tetrachlorobenzene	ppm	.333	0.277	83.2	51-112	WG423526
2,4,5-Trichlorophenol	ppm	.333	0.247	74.1	53-110	WG423526
2,4,6-Trichlorophenol	ppm	.333	0.249	74.7	56-109	WG423526
2,4-Dichlorophenol	ppm	.333	0.253	76.1	54-107	WG423526
2,4-Dimethylphenol	ppm	.333	0.432	130.*	58-119	WG423526
2,4-Dinitrophenol	ppm	.333	0.248	74.3	16-130	WG423526
2,4-Dinitrotoluene	ppm	.333	0.269	80.9	53-120	WG423526
2,6-Dinitrotoluene	ppm	.333	0.270	81.0	56-113	WG423526
2-Chloronaphthalene	ppm	.333	0.248	74.4	55-103	WG423526
2-Chlorophenol	ppm	.333	0.247	74.2	52-108	WG423526
2-Methylnaphthalene	ppm	.333	0.273	82.1	52-107	WG423526
2-Methylphenol	ppm	.333	0.287	86.1	58-116	WG423526
2-Nitroaniline	ppm	.333	0.248	74.3	54-116	WG423526
2-Nitrophenol	ppm	.333	0.275	82.5	38-110	WG423526
3&4-Methyl Phenol	ppm	.333	0.322	96.8	60-136	WG423526
3,3-Dichlorobenzidine	ppm	.333	0.238	71.4	24-123	WG423526
3-Nitroaniline	ppm	.333	0.246	73.8	17-135	WG423526
4,6-Dinitro-2-methylphenol	ppm	.333	0.234	70.4	34-111	WG423526
4-Bromophenyl-phenylether	ppm	.333	0.220	66.1	47-98	WG423526
4-Chloro-3-methylphenol	ppm	.333	0.278	83.4	54-116	WG423526
4-Chloroaniline	ppm	.333	0.289	86.8	18-130	WG423526
4-Chlorophenyl-phenylether	ppm	.333	0.249	74.8	55-106	WG423526
4-Nitroaniline	ppm	.333	0.257	77.1	16-133	WG423526
4-Nitrophenol	ppm	.333	0.261	78.5	34-123	WG423526
Acenaphthene	ppm	.333	0.269	80.7	54-102	WG423526
Acenaphthylene	ppm	.333	0.271	81.4	56-104	WG423526
Acetophenone	ppm	.333	0.258	77.5	42-92	WG423526
Anthracene	ppm	.333	0.288	86.6	57-112	WG423526
Atrazine	ppm	.333	0.292	87.6	40-143	WG423526
Benzaldehyde	ppm	.333	0.0869	26.1	0-69	WG423526
Benzo(a)anthracene	ppm	.333	0.293	88.1	55-105	WG423526
Benzo(a)pyrene	ppm	.333	0.269	80.7	59-114	WG423526
Benzo(b)fluoranthene	ppm	.333	0.234	70.4	44-116	WG423526
Benzo(g,h,i)perylene	ppm	.333	0.271	81.5	41-127	WG423526

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July 03, 2009

Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
Benzo(k)fluoranthene	ppm	.333	0.306	91.9	36-119	WG423526
Benzybutyl phthalate	ppm	.333	0.295	88.4	57-130	WG423526
Biphenyl	ppm	.333	0.238	71.5	54-103	WG423526
Bis(2-chlorethoxy)methane	ppm	.333	0.250	75.2	52-107	WG423526
Bis(2-chloroethyl)ether	ppm	.333	0.232	69.6	38-115	WG423526
Bis(2-chloroisopropyl)ether	ppm	.333	0.253	76.0	49-106	WG423526
Bis(2-ethylhexyl)phthalate	ppm	.333	0.292	87.6	50-130	WG423526
Caprolactam	ppm	.333	0.292	87.7	43-131	WG423526
Carbazole	ppm	.333	0.269	80.7	42-120	WG423526
Chrysene	ppm	.333	0.266	80.0	54-103	WG423526
Di-n-butyl phthalate	ppm	.333	0.283	85.1	56-121	WG423526
Di-n-octyl phthalate	ppm	.333	0.281	84.4	50-128	WG423526
Dibenz(a,h)anthracene	ppm	.333	0.263	79.1	42-128	WG423526
Dibenzofuran	ppm	.333	0.262	78.8	56-111	WG423526
Diethyl phthalate	ppm	.333	0.251	75.3	57-110	WG423526
Dimethyl phthalate	ppm	.333	0.244	73.2	57-108	WG423526
Fluoranthene	ppm	.333	0.285	85.5	51-109	WG423526
Fluorene	ppm	.333	0.275	82.6	53-106	WG423526
Hexachloro-1,3-butadiene	ppm	.333	0.267	80.1	46-110	WG423526
Hexachlorobenzene	ppm	.333	0.254	76.1	51-117	WG423526
Hexachlorocyclopentadiene	ppm	.333	0.267	80.1	21-127	WG423526
Hexachloroethane	ppm	.333	0.236	70.8	43-104	WG423526
Indeno(1,2,3-cd)pyrene	ppm	.333	0.262	78.6	42-127	WG423526
Isophorone	ppm	.333	0.259	77.8	56-116	WG423526
n-Nitrosodi-n-propylamine	ppm	.333	0.239	71.7	54-113	WG423526
n-Nitrosodiphenylamine	ppm	.333	0.257	77.2	66-126	WG423526
Naphthalene	ppm	.333	0.249	74.9	46-97	WG423526
Nitrobenzene	ppm	.333	0.246	73.8	46-102	WG423526
Pentachlorophenol	ppm	.333	0.261	78.4	37-118	WG423526
Phenanthrene	ppm	.333	0.271	81.3	56-102	WG423526
Phenol	ppm	.333	0.269	80.7	55-115	WG423526
Pyrene	ppm	.333	0.281	84.4	53-111	WG423526
2,4,6-Tribromophenol				77.09	25-137	WG423526
2-Fluorobiphenyl				71.07	30-120	WG423526
2-Fluorophenol				77.89	26-130	WG423526
Nitrobenzene-d5				75.87	18-119	WG423526
Phenol-d5				78.27	37-141	WG423526
p-Terphenyl-d14				86.70	23-143	WG423526
Total Solids	%	50	50.0	100.	85-115	WG423815

Analyte	Units	Laboratory Control Sample Duplicate			Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
1,2,4,5-Tetrachlorobenzene	ppm	0.268	0.277	81.0	51-112	3.21	21	WG423526
2,4,5-Trichlorophenol	ppm	0.247	0.247	74.0	53-110	0.303	25	WG423526
2,4,6-Trichlorophenol	ppm	0.251	0.249	75.0	56-109	0.696	20	WG423526
2,4-Dichlorophenol	ppm	0.241	0.253	72.0	54-107	5.07	21	WG423526
2,4-Dimethylphenol	ppm	0.389	0.432	117.	58-119	10.5	23	WG423526
2,4-Dinitrophenol	ppm	0.215	0.248	65.0	16-130	13.9	45	WG423526
2,4-Dinitrotoluene	ppm	0.264	0.269	79.0	53-120	2.03	23	WG423526
2,6-Dinitrotoluene	ppm	0.257	0.270	77.0	56-113	4.92	22	WG423526
2-Chloronaphthalene	ppm	0.233	0.248	70.0	55-103	6.32	20	WG423526
2-Chlorophenol	ppm	0.237	0.247	71.0	52-108	4.01	24	WG423526
2-Methylnaphthalene	ppm	0.248	0.273	74.0	52-107	9.82	21	WG423526
2-Methylphenol	ppm	0.273	0.287	82.0	58-116	4.95	22	WG423526
2-Nitroaniline	ppm	0.250	0.248	75.0	54-116	0.883	24	WG423526
2-Nitrophenol	ppm	0.255	0.275	76.0	38-110	7.62	24	WG423526

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Level II

West Linn, OR 97068

L410340

July 03, 2009

Analyte	Units	Laboratory Control		Sample Duplicate	Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
3&4-Methyl Phenol	ppm	0.311	0.322	93.0	60-136	3.65	29	WG423526
3,3-Dichlorobenzidine	ppm	0.223	0.238	67.0	24-123	6.29	35	WG423526
3-Nitroaniline	ppm	0.221	0.246	66.0	17-135	10.8	33	WG423526
4,6-Dinitro-2-methylphenol	ppm	0.219	0.234	66.0	34-111	6.58	33	WG423526
4-Bromophenyl-phenylether	ppm	0.219	0.220	66.0	47-98	0.734	23	WG423526
4-Chloro-3-methylphenol	ppm	0.260	0.278	78.0	54-116	6.75	23	WG423526
4-Chloroaniline	ppm	0.264	0.289	79.0	18-130	9.14	31	WG423526
4-Chlorophenyl-phenylether	ppm	0.249	0.249	75.0	55-106	0.293	22	WG423526
4-Nitroaniline	ppm	0.249	0.257	75.0	16-133	3.19	37	WG423526
4-Nitrophenol	ppm	0.248	0.261	74.0	34-123	5.22	36	WG423526
Acenaphthene	ppm	0.257	0.269	77.0	54-102	4.34	20	WG423526
Acenaphthylene	ppm	0.256	0.271	77.0	56-104	5.89	20	WG423526
Acetophenone	ppm	0.244	0.258	73.0	42-92	5.71	22	WG423526
Anthracene	ppm	0.271	0.288	81.0	57-112	6.18	21	WG423526
Atrazine	ppm	0.284	0.292	85.0	40-143	2.70	25	WG423526
Benzaldehyde	ppm	0.0864	0.0869	26.0	0-69	0.576	32	WG423526
Benzo(a)anthracene	ppm	0.261	0.293	78.0	55-105	11.6	21	WG423526
Benzo(a)pyrene	ppm	0.271	0.269	81.0	59-114	0.900	22	WG423526
Benzo(b)fluoranthene	ppm	0.273	0.234	82.0	44-116	15.1	33	WG423526
Benzo(g,h,i)perylene	ppm	0.258	0.271	78.0	41-127	4.90	29	WG423526
Benzo(k)fluoranthene	ppm	0.256	0.306	77.0	36-119	17.7	37	WG423526
Benzylbutyl phthalate	ppm	0.270	0.295	81.0	57-130	8.82	27	WG423526
Biphenyl	ppm	0.225	0.238	68.0	54-103	5.72	21	WG423526
Bis(2-chloroethoxy)methane	ppm	0.249	0.250	75.0	52-107	0.668	21	WG423526
Bis(2-chloroethyl)ether	ppm	0.234	0.232	70.0	38-115	0.743	28	WG423526
Bis(2-chloroisopropyl)ether	ppm	0.239	0.253	72.0	49-106	5.68	25	WG423526
Bis(2-ethylhexyl)phthalate	ppm	0.268	0.292	80.0	50-130	8.53	29	WG423526
Caprolactam	ppm	0.270	0.292	81.0	43-131	7.82	24	WG423526
Carbazole	ppm	0.246	0.269	74.0	42-120	8.84	26	WG423526
Chrysene	ppm	0.270	0.266	81.0	54-103	1.28	23	WG423526
Di-n-butyl phthalate	ppm	0.254	0.283	76.0	56-121	10.9	22	WG423526
Di-n-octyl phthalate	ppm	0.254	0.281	76.0	50-128	10.1	26	WG423526
Dibenz(a,h)anthracene	ppm	0.245	0.263	74.0	42-128	7.28	28	WG423526
Dibenzofuran	ppm	0.250	0.262	75.0	56-111	4.97	21	WG423526
Diethyl phthalate	ppm	0.244	0.251	73.0	57-110	2.75	20	WG423526
Dimethyl phthalate	ppm	0.232	0.244	70.0	57-108	5.22	20	WG423526
Fluoranthene	ppm	0.271	0.285	81.0	51-109	4.97	26	WG423526
Fluorene	ppm	0.252	0.275	76.0	53-106	8.88	20	WG423526
Hexachloro-1,3-butadiene	ppm	0.248	0.267	74.0	46-110	7.40	25	WG423526
Hexachlorobenzene	ppm	0.243	0.254	73.0	51-117	4.37	24	WG423526
Hexachlorocyclopentadiene	ppm	0.247	0.267	74.0	21-127	7.45	40	WG423526
Hexachloroethane	ppm	0.226	0.236	68.0	43-104	4.02	27	WG423526
Indeno(1,2,3-cd)pyrene	ppm	0.253	0.262	76.0	42-127	3.36	28	WG423526
Isophorone	ppm	0.237	0.259	71.0	56-116	9.09	21	WG423526
n-Nitrosodi-n-propylamine	ppm	0.236	0.239	71.0	54-113	1.25	21	WG423526
n-Nitrosodiphenylamine	ppm	0.239	0.257	72.0	66-126	7.44	22	WG423526
Naphthalene	ppm	0.239	0.249	72.0	46-97	4.31	23	WG423526
Nitrobenzene	ppm	0.237	0.246	71.0	46-102	3.81	23	WG423526
Pentachlorophenol	ppm	0.239	0.261	72.0	37-118	8.65	28	WG423526
Phenanthrene	ppm	0.254	0.271	76.0	56-102	6.50	20	WG423526
Phenol	ppm	0.250	0.269	75.0	55-115	7.43	22	WG423526
Pyrene	ppm	0.249	0.281	75.0	53-111	12.2	26	WG423526
2,4,6-Tribromophenol				70.50	25-137			WG423526
2-Fluorobiphenyl				65.47	30-120			WG423526
2-Fluorophenol				76.25	26-130			WG423526
Nitrobenzene-d5				70.18	18-119			WG423526
Phenol-d5				73.17	37-141			WG423526
p-Terphenyl-d14				79.39	23-143			WG423526

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Quality Assurance Report
Level II

July 03, 2009

L410340

Analyte	Units	MS Res	Matrix Spike		% Rec	Limit	Ref Samp	Batch
			Ref Res	TV				
1,2,4,5-Tetrachlorobenzene	ppm	0.275	0.00	.333	82.7	47-111	L404242-05	WG423526
2,4,5-Trichlorophenol	ppm	0.277	0.00	.333	83.3	28-128	L404242-05	WG423526
2,4,6-Trichlorophenol	ppm	0.263	0.00	.333	78.9	27-128	L404242-05	WG423526
2,4-Dichlorophenol	ppm	0.254	0.00	.333	76.2	39-116	L404242-05	WG423526
2,4-Dimethylphenol	ppm	0.418	0.00	.333	125.*	50-119	L404242-05	WG423526
2,4-Dinitrophenol	ppm	0.146	0.00	.333	44.0	10-123	L404242-05	WG423526
2,4-Dinitrotoluene	ppm	0.281	0.00	.333	84.4	52-121	L404242-05	WG423526
2,6-Dinitrotoluene	ppm	0.253	0.00	.333	75.9	53-114	L404242-05	WG423526
2-Chloronaphthalene	ppm	0.233	0.00	.333	70.1	52-101	L404242-05	WG423526
2-Chlorophenol	ppm	0.231	0.00	.333	69.3	41-112	L404242-05	WG423526
2-Methylnaphthalene	ppm	0.238	0.00	.333	71.3	48-109	L404242-05	WG423526
2-Methylphenol	ppm	0.259	0.00	.333	77.9	56-111	L404242-05	WG423526
2-Nitroaniline	ppm	0.257	0.00	.333	77.3	52-117	L404242-05	WG423526
2-Nitrophenol	ppm	0.252	0.00	.333	75.6	23-117	L404242-05	WG423526
3&4-Methyl Phenol	ppm	0.298	0.00	.333	89.4	50-134	L404242-05	WG423526
3,3-Dichlorobenzidine	ppm	0.132	0.00	.333	39.7	10-133	L404242-05	WG423526
3-Nitroaniline	ppm	0.224	0.00	.333	67.2	5-134	L404242-05	WG423526
4,6-Dinitro-2-methylphenol	ppm	0.175	0.00	.333	52.7	10-124	L404242-05	WG423526
4-Bromophenyl-phenylether	ppm	0.224	0.00	.333	67.3	37-103	L404242-05	WG423526
4-Chloro-3-methylphenol	ppm	0.255	0.00	.333	76.6	52-119	L404242-05	WG423526
4-Chloroaniline	ppm	0.245	0.00	.333	73.7	4-134	L404242-05	WG423526
4-Chlorophenyl-phenylether	ppm	0.236	0.00	.333	71.0	53-105	L404242-05	WG423526
4-Nitroaniline	ppm	0.260	0.00	.333	78.1	12-129	L404242-05	WG423526
4-Nitrophenol	ppm	0.267	0.00	.333	80.2	15-140	L404242-05	WG423526
Acenaphthene	ppm	0.258	0.00	.333	77.3	52-102	L404242-05	WG423526
Acenaphthylene	ppm	0.264	0.00	.333	79.2	54-103	L404242-05	WG423526
Acetophenone	ppm	0.230	0.00	.333	69.0	38-94	L404242-05	WG423526
Anthracene	ppm	0.257	0.00	.333	77.2	55-114	L404242-05	WG423526
Atrazine	ppm	0.303	0.00	.333	90.9	40-144	L404242-05	WG423526
Benzaldehyde	ppm	0.0946	0.00	.333	28.4	0-100	L404242-05	WG423526
Benzo(a)anthracene	ppm	0.263	0.00	.333	78.9	37-124	L404242-05	WG423526
Benzo(a)pyrene	ppm	0.266	0.00	.333	79.8	44-129	L404242-05	WG423526
Benzo(b)fluoranthene	ppm	0.239	0.00	.333	71.9	28-135	L404242-05	WG423526
Benzo(g,h,i)perylene	ppm	0.278	0.00	.333	83.4	25-123	L404242-05	WG423526
Benzo(k)fluoranthene	ppm	0.277	0.00	.333	83.1	41-116	L404242-05	WG423526
Benzylbutyl phthalate	ppm	0.282	0.00	.333	84.6	45-143	L404242-05	WG423526
Biphenyl	ppm	0.235	0.00	.333	70.7	49-103	L404242-05	WG423526
Bis(2-chlorethoxy)methane	ppm	0.236	0.00	.333	70.8	48-108	L404242-05	WG423526
Bis(2-chloroethyl)ether	ppm	0.201	0.00	.333	60.4	36-115	L404242-05	WG423526
Bis(2-chloroisopropyl)ether	ppm	0.228	0.00	.333	68.5	44-109	L404242-05	WG423526
Bis(2-ethylhexyl)phthalate	ppm	0.278	0.00	.333	83.4	40-128	L404242-05	WG423526
Caprolactam	ppm	0.283	0.00	.333	85.1	26-140	L404242-05	WG423526
Carbazole	ppm	0.256	0.00	.333	76.8	43-122	L404242-05	WG423526
Chrysene	ppm	0.244	0.00	.333	73.1	39-119	L404242-05	WG423526
Di-n-butyl phthalate	ppm	0.266	0.00	.333	80.0	49-121	L404242-05	WG423526
Di-n-octyl phthalate	ppm	0.267	0.00	.333	80.3	40-132	L404242-05	WG423526
Dibenz(a,h)anthracene	ppm	0.249	0.00	.333	74.8	29-123	L404242-05	WG423526
Dibenzofuran	ppm	0.259	0.00	.333	77.8	54-111	L404242-05	WG423526
Diethyl phthalate	ppm	0.254	0.00	.333	76.3	51-113	L404242-05	WG423526
Dimethyl phthalate	ppm	0.257	0.00	.333	77.2	54-108	L404242-05	WG423526
Fluoranthene	ppm	0.276	0.00	.333	83.0	23-143	L404242-05	WG423526
Fluorene	ppm	0.274	0.00	.333	82.3	53-107	L404242-05	WG423526
Hexachloro-1,3-butadiene	ppm	0.267	0.00	.333	80.1	39-113	L404242-05	WG423526
Hexachlorobenzene	ppm	0.236	0.00	.333	71.0	49-108	L404242-05	WG423526
Hexachlorocyclopentadiene	ppm	0.214	0.00	.333	64.2	10-131	L404242-05	WG423526
Hexachloroethane	ppm	0.220	0.00	.333	66.2	25-118	L404242-05	WG423526
Indeno(1,2,3-cd)pyrene	ppm	0.254	0.00	.333	76.3	28-125	L404242-05	WG423526
Isophorone	ppm	0.230	0.00	.333	69.0	51-115	L404242-05	WG423526
n-Nitrosodi-n-propylamine	ppm	0.220	0.00	.333	66.1	54-110	L404242-05	WG423526
n-Nitrosodiphenylamine	ppm	0.233	0.00	.333	70.1	54-138	L404242-05	WG423526

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Quality Assurance Report
Level II

West Linn, OR 97068

July 03, 2009

L410340

Analyte	Units	MS Res	Matrix Spike		% Rec	Limit	Ref Samp	Batch
			Ref Res	TV				
Naphthalene	ppm	0.227	0.00	.333	68.2	41-100	L404242-05	WG423526
Nitrobenzene	ppm	0.217	0.00	.333	65.3	40-102	L404242-05	WG423526
Pentachlorophenol	ppm	0.289	0.00	.333	86.8	10-146	L404242-05	WG423526
Phenanthrene	ppm	0.261	0.00	.333	78.5	37-125	L404242-05	WG423526
Phenol	ppm	0.241	0.00	.333	72.5	52-111	L404242-05	WG423526
Pyrene	ppm	0.247	0.00	.333	74.2	22-151	L404242-05	WG423526
2,4,6-Tribromophenol					85.13	25-137		WG423526
2-Fluorobiphenyl					72.75	30-120		WG423526
2-Fluorophenol					76.59	26-130		WG423526
Nitrobenzene-d5					70.28	18-119		WG423526
Phenol-d5					72.13	37-141		WG423526
p-Terphenyl-d14					86.42	23-143		WG423526

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref Samp	Batch
			Ref	%Rec					
1,2,4,5-Tetrachlorobenzene	ppm	0.298	0.275	89.4	47-111	7.77	20	L404242-05	WG423526
2,4,5-Trichlorophenol	ppm	0.309	0.277	92.7	28-128	10.6	29	L404242-05	WG423526
2,4,6-Trichlorophenol	ppm	0.301	0.263	90.5	27-128	13.7	31	L404242-05	WG423526
2,4-Dichlorophenol	ppm	0.283	0.254	85.1	39-116	10.9	23	L404242-05	WG423526
2,4-Dimethylphenol	ppm	0.440	0.418	132.176*	50-119	5.25	27	L404242-05	WG423526
2,4-Dinitrophenol	ppm	0.118	0.146	35.5	10-123	21.4	42	L404242-05	WG423526
2,4-Dinitrotoluene	ppm	0.276	0.281	83.0	52-121	1.65	23	L404242-05	WG423526
2,6-Dinitrotoluene	ppm	0.294	0.253	88.4	53-114	15.2	22	L404242-05	WG423526
2-Chloronaphthalene	ppm	0.271	0.233	81.5	52-101	15.1	20	L404242-05	WG423526
2-Chlorophenol	ppm	0.265	0.231	79.6	41-112	13.9	27	L404242-05	WG423526
2-Methylnaphthalene	ppm	0.283	0.238	85.0	48-109	17.5	22	L404242-05	WG423526
2-Methylphenol	ppm	0.300	0.259	90.2	56-111	14.7	20	L404242-05	WG423526
2-Nitroaniline	ppm	0.287	0.257	86.2	52-117	10.9	24	L404242-05	WG423526
2-Nitrophenol	ppm	0.263	0.252	79.0	23-117	4.45	31	L404242-05	WG423526
3&4-Methyl Phenol	ppm	0.352	0.298	106.	50-134	16.7	32	L404242-05	WG423526
3,3-Dichlorobenzidine	ppm	0.126	0.132	37.9	10-133	4.58	41	L404242-05	WG423526
3-Nitroaniline	ppm	0.236	0.224	70.7	5-134	5.10	30	L404242-05	WG423526
4,6-Dinitro-2-methylphenol	ppm	0.117	0.175	35.1	10-124	40.0*	38	L404242-05	WG423526
4-Bromophenyl-phenylether	ppm	0.241	0.224	72.3	37-103	7.20	23	L404242-05	WG423526
4-Chloro-3-methylphenol	ppm	0.291	0.255	87.3	52-119	13.0	24	L404242-05	WG423526
4-Chloroaniline	ppm	0.236	0.245	70.7	4-134	4.05	28	L404242-05	WG423526
4-Chlorophenyl-phenylether	ppm	0.276	0.236	83.0	53-105	15.6	20	L404242-05	WG423526
4-Nitroaniline	ppm	0.268	0.260	80.4	12-129	2.98	34	L404242-05	WG423526
4-Nitrophenol	ppm	0.279	0.267	83.8	15-140	4.48	40	L404242-05	WG423526
Acenaphthene	ppm	0.289	0.258	86.9	52-102	11.6	23	L404242-05	WG423526
Acenaphthylene	ppm	0.291	0.264	87.3	54-103	9.69	22	L404242-05	WG423526
Acetophenone	ppm	0.281	0.230	84.4	38-94	20.1	22	L404242-05	WG423526
Anthracene	ppm	0.295	0.257	88.4	55-114	13.6	21	L404242-05	WG423526
Atrazine	ppm	0.335	0.303	101.	40-144	10.2	21	L404242-05	WG423526
Benzaldehyde	ppm	0.232	0.0946	69.6	0-100	84.1*	37	L404242-05	WG423526
Benzo(a)anthracene	ppm	0.265	0.263	79.5	37-124	0.729	33	L404242-05	WG423526
Benzo(a)pyrene	ppm	0.300	0.266	90.2	44-129	12.2	27	L404242-05	WG423526
Benzo(b)fluoranthene	ppm	0.312	0.239	93.8	28-135	26.5	33	L404242-05	WG423526
Benzo(g,h,i)perylene	ppm	0.221	0.278	66.4	25-123	22.7	35	L404242-05	WG423526
Benzo(k)fluoranthene	ppm	0.314	0.277	94.3	41-116	12.7	34	L404242-05	WG423526
Benzylbutyl phthalate	ppm	0.347	0.282	104.	45-143	20.8	39	L404242-05	WG423526
Biphenyl	ppm	0.261	0.235	78.5	49-103	10.5	24	L404242-05	WG423526
Bis(2-chloroethoxy)methane	ppm	0.258	0.236	77.4	48-108	8.93	23	L404242-05	WG423526
Bis(2-chloroethyl)ether	ppm	0.257	0.201	77.3	36-115	24.5	30	L404242-05	WG423526
Bis(2-chloroisopropyl)ether	ppm	0.277	0.228	83.1	44-109	19.3	27	L404242-05	WG423526
Bis(2-ethylhexyl)phthalate	ppm	0.317	0.278	95.2	40-128	13.2	34	L404242-05	WG423526
Caprolactam	ppm	0.289	0.283	86.7	26-140	1.89	27	L404242-05	WG423526
Carbazole	ppm	0.275	0.256	82.6	43-122	7.19	25	L404242-05	WG423526

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Level II

L410340

July 03, 2009

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref	Samp	Batch
			Ref	%Rec						
Chrysene	ppm	0.289	0.244	86.8	39-119	17.1	31	L404242-05	WG423526	
Di-n-butyl phthalate	ppm	0.287	0.266	86.2	49-121	7.48	22	L404242-05	WG423526	
Di-n-octyl phthalate	ppm	0.242	0.267	72.7	40-132	9.93	27	L404242-05	WG423526	
Dibenz(a,h)anthracene	ppm	0.217	0.249	65.1	29-123	13.9	30	L404242-05	WG423526	
Dibenzofuran	ppm	0.284	0.259	85.3	54-111	9.28	21	L404242-05	WG423526	
Diethyl phthalate	ppm	0.282	0.254	84.7	51-113	10.4	21	L404242-05	WG423526	
Dimethyl phthalate	ppm	0.276	0.257	82.8	54-108	7.07	23	L404242-05	WG423526	
Fluoranthene	ppm	0.281	0.276	84.3	23-143	1.57	29	L404242-05	WG423526	
Fluorene	ppm	0.300	0.274	90.1	53-107	9.01	22	L404242-05	WG423526	
Hexachloro-1,3-butadiene	ppm	0.279	0.267	83.9	39-113	4.58	26	L404242-05	WG423526	
Hexachlorobenzene	ppm	0.270	0.236	81.0	49-108	13.2	27	L404242-05	WG423526	
Hexachlorocyclopentadiene	ppm	0.229	0.214	68.7	10-131	6.84	39	L404242-05	WG423526	
Hexachloroethane	ppm	0.278	0.220	83.5	25-118	23.1	35	L404242-05	WG423526	
Indeno(1,2,3-cd)pyrene	ppm	0.213	0.254	64.0	28-125	17.6	32	L404242-05	WG423526	
Isophorone	ppm	0.262	0.230	78.8	51-115	13.3	22	L404242-05	WG423526	
n-Nitrosodi-n-propylamine	ppm	0.256	0.220	76.7	54-110	14.9	23	L404242-05	WG423526	
n-Nitrosodiphenylamine	ppm	0.273	0.233	82.1	54-138	15.7	26	L404242-05	WG423526	
Naphthalene	ppm	0.270	0.227	80.9	41-100	17.2	26	L404242-05	WG423526	
Nitrobenzene	ppm	0.247	0.217	74.1	40-102	12.6	24	L404242-05	WG423526	
Pentachlorophenol	ppm	0.319	0.289	95.9	10-146	9.88	35	L404242-05	WG423526	
Phenanthrene	ppm	0.279	0.261	83.7	37-125	6.39	27	L404242-05	WG423526	
Phenol	ppm	0.273	0.241	81.9	52-111	12.2	22	L404242-05	WG423526	
Pyrene	ppm	0.319	0.247	95.7	22-151	25.4	38	L404242-05	WG423526	
2,4,6-Tribromophenol				94.49	25-137				WG423526	
2-Fluorobiphenyl				80.03	30-120				WG423526	
2-Fluorophenol				88.83	26-130				WG423526	
Nitrobenzene-d5				81.00	18-119				WG423526	
Phenol-d5				85.23	37-141				WG423526	
p-Terphenyl-d14				98.95	23-143				WG423526	

Batch number /Run number / Sample number cross reference

WG423526: R759406: L410340-01
WG423815: R761468: L410340-01

* * Calculations are performed prior to rounding of reported values .
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July 03, 2009

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.