

ANALYTICAL REPORT

JOB NUMBER: 332144
Project ID: UPRR-HWPW-1358

Prepared For:

Pastor, Behling & Wheeler, LLC
2201 Double Creek Drive
Suite 4004
Round Rock, TX 78664

Attention: Eric Matzner

Date: 04/05/2007



Signature

Name: Sachin G. Kudchadkar
Title: Project Manager III
E-Mail: skudchadkar@stl-inc.com

04/05/07

Date

Severn Trent Laboratories
6310 Rothway Drive
Houston, TX 77040

PHONE: 713-690-4444

TOTAL NO. OF PAGES 82



STL

04/05/2007

Eric Matzner
Pastor, Behling & Wheeler, LLC
2201 Double Creek Drive
Suite 4004
Round Rock, TX 78664

Project : UPRR-HWPW-1358
Project No. : 332144
Date Received : 03/20/2007
STL Job : 332144

Dear Eric Matzner:

Enclosed are the analytical results for your project referenced above. The following samples are included in the report.

1. V-108
2. ROLL OFF RT-160
3. TRIP BLANK

All holding times were met for the tests performed on these samples.

Enclosed, please find the Quality Control Summary. All quality control results for the QC batch that are applicable to the sample(s) are acceptable except as noted in the QC batch reports.

The test results in this report meet all NELAP requirements for STL Houston's NELAP accredited parameters. Any exceptions to NELAP requirements will be noted and included in a case narrative as a part of this report.

If the report is acceptable, please approve the enclosed invoice and forward it for payment.

Thank you for selecting Severn-Trent Laboratories to serve as your analytical laboratory on this project. If you have any questions concerning these results, please feel free to contact me at any time.

We look forward to working with you on future projects.

Sincerely,

Sachin G. Kudchadkar
Project Manager

SAMPLE INFORMATION
Date: 04/05/2007

Job Number.: 332144
Customer...: Pastor, Behling & Wheeler, LLC
Attn.....: Eric Matzner

Project Number.....: 99000484
Customer Project ID....: UPRR-HWPW-1358
Project Description....: UPRR-HWPW-1358

Laboratory Sample ID	Customer Sample ID	Sample Matrix	Date Sampled	Time Sampled	Date Received	Time Received
332144-1	V-108	Water	03/16/2007	16:15	03/20/2007	08:27
332144-2	ROLL OFF RT-160	Soil	03/16/2007	16:00	03/20/2007	08:27
332144-3	TRIP BLANK	Trip Blank	03/19/2007	00:00	03/20/2007	08:27



LABORATORY TEST RESULTS

Date: 04/05/2007

Job Number: 332144

CUSTOMER: Pastor, Behling & Wheeler, LLC

PROJECT: UPRR-HMPW-1358

ATTN: Eric Matzner

Customer Sample ID: V-108
 Date Sampled.....: 03/16/2007
 Time Sampled.....: 16:15
 Sample Matrix.....: Water

Laboratory Sample ID: 332144-1
 Date Received.....: 03/20/2007
 Time Received.....: 08:27

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
TNRCC TX-1005	TNRCC 1005 Extraction, Water	Complete				1		174021		03/22/07 0830	mra
SW-846 6010B	Arsenic (As), Water	0.00494	B	0.00324	0.020	1	mg/L	174180		03/24/07 1322	twr
SW-846 6010B	Barium (Ba), Water	0.152		0.00292	0.020	1	mg/L	174180		03/24/07 1322	twr
SW-846 6010B	Cadmium (Cd), Water	0.00030	U	0.00030	0.005	1	mg/L	174180		03/24/07 1322	twr
SW-846 6010B	Chromium (Cr), Water	0.656		0.00104	0.010	1	mg/L	174180		03/24/07 1322	twr
SW-846 6010B	Lead (Pb), Water	0.00204	B	0.00162	0.010	1	mg/L	174180		03/24/07 1322	twr
SW-846 6010B	Selenium (Se), Water	0.00481	U	0.00481	0.040	1	mg/L	174180		03/24/07 1322	twr
SW-846 6010B	Silver (Ag), Water	0.00162	U	0.00162	0.010	1	mg/L	174180		03/24/07 1322	twr
SW-846 7470A	Mercury (Hg), Water	0.053	U	0.053	0.20	1	ug/L	174002		03/21/07 0408	dcl
SW-846 3010A	Acid Digestion, Water	Complete				1		173912		03/20/07 1700	map
SW-846 3510C	Extraction (Sep. Funnel) SVOC Low Level Separatory Funnel Liq/Liq Extraction, Water	Complete				1		173973		03/21/07 1400	mra
TNRCC 1005	Direct Analytical TPH Method TX 1005	0.450	U	0.450	4.81	1.0000	mg/L	174137		03/22/07 1908	maz
	Petroleum Hydrocarbons C6 - C12, Water	0.905	U	0.905	4.81	1.0000	mg/L	174137		03/22/07 1908	maz
	Petroleum Hydrocarbons C12 - C28, Water	0.905	U	0.905	4.81	1.0000	mg/L	174137		03/22/07 1908	maz
	Petroleum Hydrocarbons C28 - C35, Water	1.187	U	1.187	4.81	1.0000	mg/L	174137		03/22/07 1908	maz

* In Description = Dry Wgt.

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L A B O R A T O R Y T E S T R E S U L T S

Date: 04/05/2007

Job Number: 332144

ATTN: Eric Matzner

PROJECT: UPRR-HMPW-1358

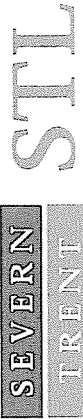
CUSTOMER: Pastor, Behling & Wheeler, LLC

Customer Sample ID: V-108
 Date Sampled.....: 03/16/2007
 Time Sampled.....: 16:15
 Sample Matrix.....: Water

Laboratory Sample ID: 332144-1
 Date Received.....: 03/20/2007
 Time Received.....: 08:27

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
SW-846 8270C	Semivolatile Organics, Low Level	61.2			0.8	4.0	20.00000	ug/L	174250		03/26/07 1142	dry
	Acenaphthene, Water	0.08	U		0.08	0.20	1.00000	ug/L	174250		03/23/07 1726	dry
	Acenaphthylene, Water	7.41			0.04	0.20	1.00000	ug/L	174250		03/23/07 1726	dry
	Anthracene, Water	0.05	U		0.05	0.20	1.00000	ug/L	174250		03/23/07 1726	dry
	Benzo(a)anthracene, Water	0.06	U		0.06	0.20	1.00000	ug/L	174250		03/23/07 1726	dry
	Benzo(b)fluoranthene, Water	0.07	U		0.07	0.20	1.00000	ug/L	174250		03/23/07 1726	dry
	Benzo(k)fluoranthene, Water	0.07	U		0.07	0.20	1.00000	ug/L	174250		03/23/07 1726	dry
	Benzo(ghi)perylene, Water	0.05	U		0.05	0.20	1.00000	ug/L	174250		03/23/07 1726	dry
	Benzo(a)pyrene, Water	0.09	U		0.09	2.50	1.00000	ug/L	174250		03/23/07 1726	dry
	Butyl Benzyl Phthalate, Water	0.07	U		0.07	1.50	1.00000	ug/L	174250		03/23/07 1726	dry
	bis(2-chloroethoxy)methane, Water	0.06	U		0.06	1.50	1.00000	ug/L	174250		03/23/07 1726	dry
	bis(2-Chloroethyl)ether, Water	0.05	U		0.05	2.00	1.00000	ug/L	174250		03/23/07 1726	dry
	bis(2-chloroisopropyl)ether, Water	0.09	U		0.09	2.50	1.00000	ug/L	174250		03/23/07 1726	dry
	bis(2-ethylhexyl)phthalate, Water	0.07	U		0.07	1.50	1.00000	ug/L	174250		03/23/07 1726	dry
	4-Bromophenyl Phenyl Ether, Water	0.10	U		0.10	6.25	1.00000	ug/L	174250		03/23/07 1726	dry
	4-Chloroaniline, Water	0.04	U		0.04	1.50	1.00000	ug/L	174250		03/23/07 1726	dry
	2-Chloronaphthalene, Water	0.06	U		0.06	1.50	1.00000	ug/L	174250		03/23/07 1726	dry
	4-Chlorophenyl Phenyl Ether, Water	0.07	U		0.07	0.20	1.00000	ug/L	174250		03/23/07 1726	dry
	Chrysene, Water	0.04	U		0.04	0.20	1.00000	ug/L	174250		03/23/07 1726	dry
	Dibenzo(a,h)anthracene, Water	56	U		1	30.0	20.00000	ug/L	174250		03/26/07 1142	dry
	Dibenzofuran, Water	0.09	U		0.09	1.75	1.00000	ug/L	174250		03/23/07 1726	dry
	1,2-Dichlorobenzene, Water	0.07	U		0.07	1.50	1.00000	ug/L	174250		03/23/07 1726	dry
	1,3-Dichlorobenzene, Water	0.08	U		0.08	2.00	1.00000	ug/L	174250		03/23/07 1726	dry
	1,4-Dichlorobenzene, Water	0.04	U		0.04	1.50	1.00000	ug/L	174250		03/23/07 1726	dry
	Diethyl Phthalate, Water	0.06	U		0.06	1.25	1.00000	ug/L	174250		03/23/07 1726	dry
	Dimethyl Phthalate, Water	0.11	U		0.11	2.00	1.00000	ug/L	174250		03/23/07 1726	dry
	Di-n-butyl Phthalate, Water	0.53	J		0.06	2.50	1.00000	ug/L	174250		03/23/07 1726	dry
	Di-n-octyl Phthalate, Water	0.09	U		0.09	1.50	1.00000	ug/L	174250		03/23/07 1726	dry
	2,4-Dinitrotoluene, Water											

* In Description = Dry Wgt.



LABORATORY TEST RESULTS

Job Number: 332144

Date: 04/05/2007

CUSTOMER: Pastor, Behling & Wheeler, LLC

PROJECT: UPRR-HMPW-1358

ATTN: Eric Matzner

Customer Sample ID: V-108
 Date Sampled.....: 03/16/2007
 Time Sampled.....: 16:15
 Sample Matrix.....: Water

Laboratory Sample ID: 332144-1
 Date Received.....: 03/20/2007
 Time Received.....: 08:27

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	2,6-Dinitrotoluene, Water	0.11	U		0.11	1.00	1.00000	ug/L	174250		03/23/07 1726	dry
	Fluoranthene, Water	3.74			0.04	0.20	1.00000	ug/L	174250		03/23/07 1726	dry
	Fluorene, Water	24.10			0.04	0.20	1.00000	ug/L	174250		03/23/07 1726	dry
	Hexachlorobenzene, Water	0.07	U		0.07	1.50	1.00000	ug/L	174250		03/23/07 1726	dry
	Hexachlorobutadiene, Water	0.08	U		0.08	2.00	1.00000	ug/L	174250		03/23/07 1726	dry
	Hexachlorocyclopentadiene, Water	0.11	U		0.11	1.50	1.00000	ug/L	174250		03/23/07 1726	dry
	Hexachloroethane, Water	0.11	U		0.11	2.00	1.00000	ug/L	174250		03/23/07 1726	dry
	Indeno(1,2,3-cd)pyrene, Water	0.08	U		0.08	0.20	1.00000	ug/L	174250		03/23/07 1726	dry
	Isophorone, Water	0.04	U		0.04	1.50	1.00000	ug/L	174250		03/23/07 1726	dry
	2-Methylnaphthalene, Water	207	U		2	4.0	20.00000	ug/L	174250		03/26/07 1142	dry
	Naphthalene, Water	838			4	10	50.00000	ug/L	174250		03/26/07 1406	dry
	Nitrobenzene, Water	0.06	U		0.06	1.50	1.00000	ug/L	174250		03/23/07 1726	dry
	n-Nitrosodi-n-propylamine, Water	0.10	U		0.10	1.50	1.00000	ug/L	174250		03/23/07 1726	dry
	n-Nitrosodiphenylamine, Water	0.05	U		0.05	1.50	1.00000	ug/L	174250		03/23/07 1726	dry
	Phenanthrene, Water	79.6			0.8	4.0	20.00000	ug/L	174250		03/26/07 1142	dry
	Pyrene, Water	1.73			0.04	0.20	1.00000	ug/L	174250		03/23/07 1726	dry
	1,2,4-Trichlorobenzene, Water	0.05	U		0.05	2.00	1.00000	ug/L	174250		03/23/07 1726	dry
	4-Chloro-3-methylphenol, Water	0.11	U		0.11	2.00	1.00000	ug/L	174250		03/23/07 1726	dry
	2-Chlorophenol, Water	0.05	U		0.05	2.00	1.00000	ug/L	174250		03/23/07 1726	dry
	2,4-Dichlorophenol, Water	0.06	U		0.06	1.50	1.00000	ug/L	174250		03/23/07 1726	dry
	2,4-Dinitrophenol, Water	17.54	U		0.05	1.50	1.00000	ug/L	174250		03/23/07 1726	dry
	2,4-Dinitrophenol, Water	0.13	U		0.13	7.25	1.00000	ug/L	174250		03/23/07 1726	dry
	2-Methyl-4,6-dinitrophenol, Water	0.23	U		0.23	1.50	1.00000	ug/L	174250		03/23/07 1726	dry
	2-Methylphenol (o-Cresol), Water	6.53	U		0.06	1.50	1.00000	ug/L	174250		03/23/07 1726	dry
	4-Methylphenol (p-Cresol), Water	4.55			0.08	1.50	1.00000	ug/L	174250		03/23/07 1726	dry
	2-Nitrophenol, Water	0.11	U		0.11	2.00	1.00000	ug/L	174250		03/23/07 1726	dry
	4-Nitrophenol, Water	0.15	U		0.15	6.60	1.00000	ug/L	174250		03/23/07 1726	dry
	Pentachlorophenol, Water	0.20	U		0.20	1.50	1.00000	ug/L	174250		03/23/07 1726	dry
	Phenol, Water	4.52			0.07	1.50	1.00000	ug/L	174250		03/23/07 1726	dry

* In Description = Dry Wgt.

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L A B O R A T O R Y T E S T R E S U L T S

Date: 04/05/2007

Job Number: 332144

CUSTOMER: Pastor, Behling & Wheeler, LLC

PROJECT: UPRR-HMPW-1358

ATTN: Epic Matzner

Customer Sample ID: V-108
 Date Sampled.....: 03/16/2007
 Time Sampled.....: 16:15
 Sample Matrix.....: Water

Laboratory Sample ID: 332144-1
 Date Received.....: 03/20/2007
 Time Received.....: 08:27

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
SW-846 8260B	2,4,5-Trichlorophenol, Water	0.10	U		0.10	2.00	1.00000	ug/L	174250		03/23/07 1726	dry
	2,4,6-Trichlorophenol, Water	0.11	U		0.11	2.00	1.00000	ug/L	174250		03/23/07 1726	dry
	2-Nitroaniline, Water	0.07	U		0.07	5.00	1.00000	ug/L	174250		03/23/07 1726	dry
	3-Nitroaniline, Water	0.15	U		0.15	5.00	1.00000	ug/L	174250		03/23/07 1726	dry
	4-Nitroaniline, Water	0.10	U		0.10	9.50	1.00000	ug/L	174250		03/23/07 1726	dry
	Carbazole, Water	58	J		1	125	20.00000	ug/L	174250		03/26/07 1142	dry
	3,3'-Dichlorobenzidine, Water	0.37	U		0.37	2.50	1.00000	ug/L	174250		03/23/07 1726	dry
	Volatile Organics (25mL purge)	1.16			0.38	1.0	1.00000	ug/L	174221		03/23/07 2230	zfl
	Benzene, Water	0.70	J		0.42	1.0	1.00000	ug/L	174221		03/23/07 2230	zfl
	Bromodichloromethane, Water	0.65	U		0.65	1.0	1.00000	ug/L	174221		03/23/07 2230	zfl
	Bromoform, Water	0.21	U		0.21	2.0	1.00000	ug/L	174221		03/23/07 2230	zfl
	Bromomethane, Water	0.27	U		0.27	1.0	1.00000	ug/L	174221		03/23/07 2230	zfl
	Carbon Tetrachloride, Water	0.30	U		0.30	1.0	1.00000	ug/L	174221		03/23/07 2230	zfl
	Chlorobenzene, Water	0.59	U		0.59	2.0	1.00000	ug/L	174221		03/23/07 2230	zfl
Chloroethane, Water	2.66	U		0.28	1.0	1.00000	ug/L	174221		03/23/07 2230	zfl	
Chloroform, Water	0.47	U		0.47	2.0	1.00000	ug/L	174221		03/23/07 2230	zfl	
Chloromethane, Water	0.32	U		0.32	1.0	1.00000	ug/L	174221		03/23/07 2230	zfl	
Dibromochloromethane, Water	0.44	U		0.44	1.0	1.00000	ug/L	174221		03/23/07 2230	zfl	
1,1-Dichloroethane, Water	0.47	U		0.47	1.0	1.00000	ug/L	174221		03/23/07 2230	zfl	
1,2-Dichloroethane, Water	0.33	U		0.33	1.0	1.00000	ug/L	174221		03/23/07 2230	zfl	
1,1-Dichloroethene, Water	0.96	J		0.38	1.0	1.00000	ug/L	174221		03/23/07 2230	zfl	
cis-1,2-Dichloroethene, Water	0.31	U		0.31	1.0	1.00000	ug/L	174221		03/23/07 2230	zfl	
trans-1,2-Dichloroethene, Water	0.39	U		0.39	1.0	1.00000	ug/L	174221		03/23/07 2230	zfl	
1,2-Dichloropropane, Water	3.56	U		0.37	1.0	1.00000	ug/L	174221		03/23/07 2230	zfl	
Ethylbenzene, Water	0.56	U		0.56	1.0	1.00000	ug/L	174221		03/23/07 2230	zfl	
Methylene Chloride, Water	0.34	U		0.34	1.0	1.00000	ug/L	174221		03/23/07 2230	zfl	
Styrene, Water	0.42	U		0.42	1.0	1.00000	ug/L	174221		03/23/07 2230	zfl	
1,1,2,2-Tetrachloroethane, Water												

* In Description = Dry Wgt.

L A B O R A T O R Y T E S T R E S U L T S

Date: 04/05/2007

Job Number: 332144

ATTN: Eric Matzner

PROJECT: UPRR-HMPW-1358

CUSTOMER: Pastor, Behling & Wheeler, LLC

Laboratory Sample ID: 332144-1
Date Received: 03/20/2007
Time Received: 08:27

Customer Sample ID: V-108
Date Sampled: 03/16/2007
Time Sampled: 16:15
Sample Matrix: Water

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Tetrachloroethene, Water	0.42	U		0.42	1.0	1.00000	ug/L	174221		03/23/07 2230	zfl
	Toluene, Water	0.54	J		0.40	1.0	1.00000	ug/L	174221		03/23/07 2230	zfl
	1,1,1-Trichloroethane, Water	0.28	U		0.28	1.0	1.00000	ug/L	174221		03/23/07 2230	zfl
	1,1,2-Trichloroethane, Water	0.62	U		0.62	1.0	1.00000	ug/L	174221		03/23/07 2230	zfl
	Trichloroethene, Water	1.07	U		0.38	1.0	1.00000	ug/L	174221		03/23/07 2230	zfl
	Vinyl Chloride, Water	0.34	U		0.34	2.0	1.00000	ug/L	174221		03/23/07 2230	zfl
	Xylenes (total), Water	12.5			0.95	3.0	1.00000	ug/L	174221		03/23/07 2230	zfl
	Acetone, Water	21.3			0.87	2.0	1.00000	ug/L	174221		03/23/07 2230	zfl
	Carbon Disulfide, Water	0.47	U		0.47	1.0	1.00000	ug/L	174221		03/23/07 2230	zfl
	cis-1,3-Dichloropropene, Water	0.42	U		0.42	1.0	1.00000	ug/L	174221		03/23/07 2230	zfl
	trans-1,3-Dichloropropene, Water	0.40	U		0.40	1.0	1.00000	ug/L	174221		03/23/07 2230	zfl
	Methyl Ethyl Ketone (2-Butanone), Water	14.9	U		1.08	2.0	1.00000	ug/L	174221		03/23/07 2230	zfl
	2-Hexanone, Water	0.75	U		0.75	2.0	1.00000	ug/L	174221		03/23/07 2230	zfl
	4-Methyl-2-pentanone (MIBK), Water	2.04	U		0.60	2.0	1.00000	ug/L	174221		03/23/07 2230	zfl
	1,2-Dichloroethene (total), Water	0.96	J		0.67	1.0	1.00000	ug/L	174221		03/23/07 2230	zfl

* In Description = Dry Wgt.

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L A B O R A T O R Y T E S T R E S U L T S

Date: 04/05/2007

Job Number: 332144

ATTN: Eric Matzner

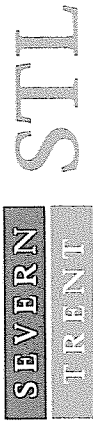
PROJECT: UPRR-HMPW-1358

Laboratory Sample ID: 332144-2
 Date Received.....: 03/20/2007
 Time Received.....: 08:27

Customer Sample ID: ROLL OFF RT-160
 Date Sampled.....: 03/16/2007
 Time Sampled.....: 16:00
 Sample Matrix.....: Soil

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
SW-846 6010B	Arsenic (As), Soil	1.11		0.200	1.0	1	mg/Kg	174180		03/24/07 1030	twr
SW-846 6010B	Barium (Ba), Soil	33.9		0.034	1.0	1	mg/Kg	174180		03/24/07 1030	twr
SW-846 6010B	Cadmium (Cd), Soil	0.022	U	0.022	0.25	1	mg/Kg	174180		03/24/07 1030	twr
SW-846 6010B	Chromium (Cr), Soil	4.92		0.0700	0.5	1	mg/Kg	174180		03/24/07 1030	twr
SW-846 6010B	Lead (Pb), Soil	6.16		0.0840	0.5	1	mg/Kg	174180		03/24/07 1030	twr
SW-846 6010B	Selenium (Se), Soil	0.148	U	0.148	2.0	1	mg/Kg	174180		03/24/07 1030	twr
SW-846 6010B	Silver (Ag), Soil	0.0605	U	0.0605	0.5	1	mg/Kg	174180		03/24/07 1030	twr
SW-846 3050B	Acid Digestion: Solids, Soil	Complete				1		174103		03/23/07 1100	map
SW-846 7471A	Mercury Preparation, Soil	Complete				1		173947		03/21/07 0840	dcl
SW-846 3550B	Extraction (Ultrasonic) SVOCs Low Level Ultrasonic Extraction, Soil	Complete				1		173999		03/21/07 1300	mra
TNRCC TX-1005	TNRCC 1005 Extraction (Ultrasonic) TNRCC 1005 Extraction, Soil	Complete				1		174035		03/22/07 1300	lvp
SW-846 7471A	Mercury (CVAA) Mercury (Hg), Soil	4.0	U	4.0	48.4	1	ug/Kg	173967		03/21/07 0130	dcl
TNRCC 1005	Direct Analytical TPH Method TX 1005 Petroleum Hydrocarbons C6 - C12, Soil	3.203	U	3.203	49.85	1	mg/Kg	174139		03/22/07 2241	maz

* In Description = Dry Wgt.



LABORATORY TEST RESULTS

Date: 04/05/2007

Job Number: 332144

ATTN: Eric Matzner

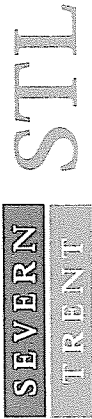
PROJECT: UPRR-HMPW-1358

CUSTOMER: Pastor, Behling & Wheeler, LLC

Customer Sample ID: ROLL OFF RT-160
 Laboratory Sample ID: 332144-2
 Date Sampled.....: 03/16/2007
 Date Received.....: 03/20/2007
 Time Sampled.....: 16:00
 Time Received.....: 08:27
 Sample Matrix.....: Soil

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
SW-846 8270C	Petroleum Hydrocarbons C12 - C28, Soil	9.054	U		9.054	49.85	1.0000	mg/Kg	174139		03/22/07 2241	maz
	Petroleum Hydrocarbons C28 - C35, Soil	9.054	U		9.054	49.85	1.0000	mg/Kg	174139		03/22/07 2241	maz
	Petroleum Hydrocarbons C6 - C35, Soil	10.945	U		10.945	49.85	1.0000	mg/Kg	174139		03/22/07 2241	maz
	Semivolatile Organics, Low Level	187.8		U	1.78	15.0	1.00000	ug/Kg	174244		03/23/07 1406	dry
	Acenaphthene, Soil	1.49			1.49	15.0	1.00000	ug/Kg	174244		03/23/07 1406	dry
	Acenaphthylene, Soil	287.6			1.29	10.0	1.00000	ug/Kg	174244		03/23/07 1406	dry
	Anthracene, Soil	141.7			1.57	10.0	1.00000	ug/Kg	174244		03/23/07 1406	dry
	Benzo(a)anthracene, Soil	93.15			2.22	30.0	1.00000	ug/Kg	174244		03/23/07 1406	dry
	Benzo(b)fluoranthene, Soil	37.31			2.04	30.0	1.00000	ug/Kg	174244		03/23/07 1406	dry
	Benzo(k)fluoranthene, Soil	22.84			1.65	20.0	1.00000	ug/Kg	174244		03/23/07 1406	dry
	Benzo(ghi)perylene, Soil	48.97			2.08	10.0	1.00000	ug/Kg	174244		03/23/07 1406	dry
	Benzo(a)pyrene, Soil	2.06		U	2.06	20.0	1.00000	ug/Kg	174244		03/23/07 1406	dry
	Butyl Benzyl Phthalate, Soil	2.00		U	2.00	25.0	1.00000	ug/Kg	174244		03/23/07 1406	dry
	bis(2-chloroethoxy)methane, Soil	1.20		U	1.20	20.0	1.00000	ug/Kg	174244		03/23/07 1406	dry
	bis(2-Chloroethyl)ether, Soil	1.23		U	1.23	10.0	1.00000	ug/Kg	174244		03/23/07 1406	dry
bis(2-chloroisopropyl)ether, Soil	25.44		U	3.33	25.0	1.00000	ug/Kg	174244		03/23/07 1406	dry	
bis(2-ethylhexyl)phthalate, Soil	2.83		U	2.83	10.0	1.00000	ug/Kg	174244		03/23/07 1406	dry	
4-Bromophenyl Phenyl Ether, Soil	0.96		U	0.96	25.0	1.00000	ug/Kg	174244		03/23/07 1406	dry	
4-Chloroaniline, Soil	1.55		U	1.55	15.0	1.00000	ug/Kg	174244		03/23/07 1406	dry	
2-Chloronaphthalene, Soil	1.95		U	1.95	20.0	1.00000	ug/Kg	174244		03/23/07 1406	dry	
4-Chlorophenyl Phenyl Ether, Soil	151.2		U	2.22	10.0	1.00000	ug/Kg	174244		03/23/07 1406	dry	
Chrysene, Soil	2.05		U	2.05	20.0	1.00000	ug/Kg	174244		03/23/07 1406	dry	
Dibenzo(a,h)anthracene, Soil	216.8		U	1.65	15.0	1.00000	ug/Kg	174244		03/23/07 1406	dry	
Dibenzofuran, Soil	2.37		U	2.37	15.0	1.00000	ug/Kg	174244		03/23/07 1406	dry	
1,2-Dichlorobenzene, Soil	2.31		U	2.31	15.0	1.00000	ug/Kg	174244		03/23/07 1406	dry	
1,3-Dichlorobenzene, Soil	2.57		U	2.57	30.0	1.00000	ug/Kg	174244		03/23/07 1406	dry	
1,4-Dichlorobenzene, Soil	2.01		U	2.01	15.0	1.00000	ug/Kg	174244		03/23/07 1406	dry	
Diethyl Phthalate, Soil												

* In Description = Dry Wgt.



LABORATORY TEST RESULTS

Date: 04/05/2007

Job Number: 332144

ATTN: Eric Matzner

PROJECT: UPRR-HMPW-1358

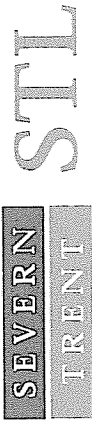
CUSTOMER: Pastor, Behling & Wheeler, LLC

Customer Sample ID: ROLL OFF RT-160
 Date Sampled.....: 03/16/2007
 Time Sampled.....: 16:00
 Sample Matrix.....: Soil

Laboratory Sample ID: 332144-2
 Date Received.....: 03/20/2007
 Time Received.....: 08:27

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	Dimethyl Phthalate, Soil	1.32	U		1.32	10.0	1.00000	ug/Kg	174244		03/23/07 1406	dry
	Di-n-butyl Phthalate, Soil	11.96	J		1.95	20.0	1.00000	ug/Kg	174244		03/23/07 1406	dry
	Di-n-octyl Phthalate, Soil	163.0			2.02	30.0	1.00000	ug/Kg	174244		03/23/07 1406	dry
	2,4-Dinitrotoluene, Soil	2.54	U		2.54	30.0	1.00000	ug/Kg	174244		03/23/07 1406	dry
	2,6-Dinitrotoluene, Soil	3.08	U		3.08	25.0	1.00000	ug/Kg	174244		03/23/07 1406	dry
	Fluoranthene, Soil	1457			7.35	75.0	5.00000	ug/Kg	174244		03/26/07 1113	dry
	Fluorene, Soil	259.5			1.95	10.0	1.00000	ug/Kg	174244		03/23/07 1406	dry
	Hexachlorobenzene, Soil	2.89	U		2.89	15.0	1.00000	ug/Kg	174244		03/23/07 1406	dry
	Hexachlorobutadiene, Soil	2.92	U		2.92	10.0	1.00000	ug/Kg	174244		03/23/07 1406	dry
	Hexachlorocyclopentadiene, Soil	3.26	U		3.26	15.0	1.00000	ug/Kg	174244		03/23/07 1406	dry
	Hexachloroethane, Soil	3.36	U		3.36	15.0	1.00000	ug/Kg	174244		03/23/07 1406	dry
	Indeno(1,2,3-cd)pyrene, Soil	39.49			2.73	25.0	1.00000	ug/Kg	174244		03/23/07 1406	dry
	Isophorone, Soil	1.94	U		1.94	15.0	1.00000	ug/Kg	174244		03/23/07 1406	dry
	2-Methylnaphthalene, Soil	50.56			1.53	20.0	1.00000	ug/Kg	174244		03/23/07 1406	dry
	Naphthalene, Soil	29.89	U		1.19	15.0	1.00000	ug/Kg	174244		03/23/07 1406	dry
	Nitrobenzene, Soil	2.56	U		2.56	20.0	1.00000	ug/Kg	174244		03/23/07 1406	dry
	n-Nitrosodi-n-propylamine, Soil	3.97	U		3.97	30.0	1.00000	ug/Kg	174244		03/23/07 1406	dry
	n-Nitrosodiphenylamine, Soil	1.77	U		1.77	10.0	1.00000	ug/Kg	174244		03/23/07 1406	dry
	Phenanthrene, Soil	2143			6.85	50.0	5.00000	ug/Kg	174244		03/26/07 1113	dry
	Pyrene, Soil	544.1			1.20	15.0	1.00000	ug/Kg	174244		03/23/07 1406	dry
	1,2,4-Trichlorobenzene, Soil	2.81	U		2.81	15.0	1.00000	ug/Kg	174244		03/23/07 1406	dry
	4-Chloro-3-methylphenol, Soil	2.76	U		2.76	25.0	1.00000	ug/Kg	174244		03/23/07 1406	dry
	2-Chlorophenol, Soil	2.66	U		2.66	30.0	1.00000	ug/Kg	174244		03/23/07 1406	dry
	2,4-Dichlorophenol, Soil	3.68	U		3.68	20.0	1.00000	ug/Kg	174244		03/23/07 1406	dry
	2,4-Dimethylphenol, Soil	2.01	U		2.01	25.0	1.00000	ug/Kg	174244		03/23/07 1406	dry
	2,4-Dinitrophenol, Soil	5.64	U		5.64	500	1.00000	ug/Kg	174244		03/23/07 1406	dry
	2-Methyl-4,6-dinitrophenol, Soil	6.10	U		6.10	150	1.00000	ug/Kg	174244		03/23/07 1406	dry
	2-Methylphenol (o-Cresol), Soil	1.87	U		1.87	15.0	1.00000	ug/Kg	174244		03/23/07 1406	dry
	4-Methylphenol (p-Cresol), Soil	1.44	U		1.44	15.0	1.00000	ug/Kg	174244		03/23/07 1406	dry

* In Description = Dry Wgt.



L A B O R A T O R Y T E S T R E S U L T S

Date: 04/05/2007

Job Number: 332144

ATTN: Eric Matzner

PROJECT: UPRR-HMPW-1358

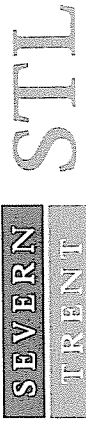
CUSTOMER: Pastor, Behling & Wheeler, LLC

Laboratory Sample ID: 332144-2
 Date Received: 03/20/2007
 Time Received: 08:27

Customer Sample ID: ROLL OFF RT-160
 Date Sampled: 03/16/2007
 Time Sampled: 16:00
 Sample Matrix: Soil

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH	
SW-846 8260B	2-Nitrophenol, Soil	4.01	U		4.01	20.0	1.00000	ug/Kg	174244		03/23/07 1406	dry	
	4-Nitrophenol, Soil	14.08	U		14.08	200	1.00000	ug/Kg	174244		03/23/07 1406	dry	
	Pentachlorophenol, Soil	8.37	U		8.37	150	1.00000	ug/Kg	174244		03/23/07 1406	dry	
	Phenol, Soil	2.99	U		2.99	20.0	1.00000	ug/Kg	174244		03/23/07 1406	dry	
	2,4,5-Trichlorophenol, Soil	3.67	U		3.67	25.0	1.00000	ug/Kg	174244		03/23/07 1406	dry	
	2,4,6-Trichlorophenol, Soil	2.05	U		2.05	25.0	1.00000	ug/Kg	174244		03/23/07 1406	dry	
	2-Nitroaniline, Soil	3.42	U		3.42	40.0	1.00000	ug/Kg	174244		03/23/07 1406	dry	
	3-Nitroaniline, Soil	3.83	U		3.83	80.0	1.00000	ug/Kg	174244		03/23/07 1406	dry	
	4-Nitroaniline, Soil	3.25	U		3.25	50.0	1.00000	ug/Kg	174244		03/23/07 1406	dry	
	Carbazole, Soil	151.5	U		1.74	15.0	1.00000	ug/Kg	174244		03/23/07 1406	dry	
	3,3'-Dichlorobenzidine, Soil	9.42	U		9.42	25.0	1.00000	ug/Kg	174244		03/23/07 1406	dry	
	Volatiles Organics		1.68	U		1.68	5	1.00000	ug/Kg	173942		03/20/07 1543	ydy
	Benzene, Soil		1.46	U		1.46	5	1.00000	ug/Kg	173942		03/20/07 1543	ydy
	Bromodichloromethane, Soil		1.93	U		1.93	5	1.00000	ug/Kg	173942		03/20/07 1543	ydy
	Bromoform, Soil		2.98	U		2.98	10	1.00000	ug/Kg	173942		03/20/07 1543	ydy
	Bromomethane, Soil		1.59	U		1.59	5	1.00000	ug/Kg	173942		03/20/07 1543	ydy
	Carbon Tetrachloride, Soil		1.60	U		1.60	5	1.00000	ug/Kg	173942		03/20/07 1543	ydy
	Chlorobenzene, Soil		2.19	U		2.19	10	1.00000	ug/Kg	173942		03/20/07 1543	ydy
Chloroethane, Soil		2.49	U		2.49	5	1.00000	ug/Kg	173942		03/20/07 1543	ydy	
Chloroform, Soil		4.36	U		4.36	10	1.00000	ug/Kg	173942		03/20/07 1543	ydy	
Chloromethane, Soil		1.65	U		1.65	5	1.00000	ug/Kg	173942		03/20/07 1543	ydy	
Dibromochloromethane, Soil		1.70	U		1.70	5	1.00000	ug/Kg	173942		03/20/07 1543	ydy	
1,1-Dichloroethane, Soil		2.43	U		2.43	5	1.00000	ug/Kg	173942		03/20/07 1543	ydy	
1,2-Dichloroethane, Soil		2.79	U		2.79	5	1.00000	ug/Kg	173942		03/20/07 1543	ydy	
1,1-Dichloroethene, Soil		3.61	U		3.61	10	1.00000	ug/Kg	173942		03/20/07 1543	ydy	
1,2-Dichloroethene (total), Soil		1.72	U		1.72	5	1.00000	ug/Kg	173942		03/20/07 1543	ydy	
cis-1,2-Dichloroethene, Soil		2.07	U		2.07	5	1.00000	ug/Kg	173942		03/20/07 1543	ydy	
trans-1,2-Dichloroethene, Soil													

* In Description = Dry Wgt.



L A B O R A T O R Y T E S T R E S U L T S

Job Number: 332144

Date: 04/05/2007

CUSTOMER: Pastor, Behling & Wheeler, LLC

PROJECT: UPRR-HMPW-1358

ATTN: Eric Matzner

Customer Sample ID: ROLL OFF RT-160
 Date Sampled.....: 03/16/2007
 Time Sampled.....: 16:00
 Sample Matrix.....: Soil

Laboratory Sample ID: 332144-2
 Date Received.....: 03/20/2007
 Time Received.....: 08:27

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	MDL	RL	DILUTION	UNITS	BATCH	DT	DATE/TIME	TECH
	1,2-Dichloropropane, Soil	1.86	U		1.86	5	1.00000	ug/Kg	173942		03/20/07 1543	Ydy
	Ethylbenzene, Soil	1.40	U		1.40	5	1.00000	ug/Kg	173942		03/20/07 1543	Ydy
	Methylene Chloride, Soil	4.25	J		3.20	10	1.00000	ug/Kg	173942		03/20/07 1543	Ydy
	Styrene, Soil	1.60	U		1.60	5	1.00000	ug/Kg	173942		03/20/07 1543	Ydy
	1,1,2,2-Tetrachloroethane, Soil	3.47	U		3.47	5	1.00000	ug/Kg	173942		03/20/07 1543	Ydy
	Tetrachloroethene, Soil	1.66	U		1.66	5	1.00000	ug/Kg	173942		03/20/07 1543	Ydy
	Toluene, Soil	1.33	U		1.33	5	1.00000	ug/Kg	173942		03/20/07 1543	Ydy
	1,1,1-Trichloroethane, Soil	1.39	U		1.39	5	1.00000	ug/Kg	173942		03/20/07 1543	Ydy
	1,1,2-Trichloroethane, Soil	2.41	U		2.41	5	1.00000	ug/Kg	173942		03/20/07 1543	Ydy
	Trichloroethene, Soil	1.67	U		1.67	5	1.00000	ug/Kg	173942		03/20/07 1543	Ydy
	Vinyl Chloride, Soil	1.66	U		1.66	10	1.00000	ug/Kg	173942		03/20/07 1543	Ydy
	Xylenes (total), Soil	4.41	U		4.41	15	1.00000	ug/Kg	173942		03/20/07 1543	Ydy
	Acetone, Soil	16.6	U		4.94	10	1.00000	ug/Kg	173942		03/20/07 1543	Ydy
	Carbon Disulfide, Soil	1.60	U		1.60	5	1.00000	ug/Kg	173942		03/20/07 1543	Ydy
	Methyl Ethyl Ketone (2-Butanone), Soil	4.71	U		4.71	10	1.00000	ug/Kg	173942		03/20/07 1543	Ydy
	cis-1,3-Dichloropropene, Soil	1.29	U		1.29	5	1.00000	ug/Kg	173942		03/20/07 1543	Ydy
	trans-1,3-Dichloropropene, Soil	1.35	U		1.35	5	1.00000	ug/Kg	173942		03/20/07 1543	Ydy
	2-Hexanone, Soil	3.90	U		3.90	10	1.00000	ug/Kg	173942		03/20/07 1543	Ydy
	4-Methyl-2-pentanone (MIBK), Soil	1.75	U		1.75	10	1.00000	ug/Kg	173942		03/20/07 1543	Ydy

* In Description = Dry Wgt.

QUALITY CONTROL RESULTS

Job Number.: 332144

Report Date.: 04/05/2007

CUSTOMER: Pastor, Behling & Wheeler, LLC PROJECT: UPRR-HWPW-1358 ATTN: Eric Matzner

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
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Test Method.....: SW-846 7471A Units.....: ug/Kg Analyst...: dcl
 Method Description.: Mercury (CVAA) Batch(s)...: 173967 174002

CCB	Continuing Calibration Blank					03/21/2007 0113
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	-0.01956799						

CCB	Continuing Calibration Blank					03/21/2007 0127
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	0.00797119						

CCB	Continuing Calibration Blank					03/21/2007 0135
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	0.00700178						

CCB	Continuing Calibration Blank					03/21/2007 1255
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	0.01417574						

CCV	Continuing Calibration Verification	MSHGICV2				03/21/2007 0111
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	2.975443405		3.00		99.2	80.0-120.0	

CCV	Continuing Calibration Verification	MSHGICV2				03/21/2007 0125
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	3.007336032		3.00		100.2	80.0-120.0	

CCV	Continuing Calibration Verification	MSHGICV2				03/21/2007 0134
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	2.94694365		3.00		98.2	80.0-120.0	

QUALITY CONTROL RESULTS

Job Number.: 332144

Report Date.: 04/05/2007

CUSTOMER: Pastor, Behling & Wheeler, LLC

PROJECT: UPRR-HWPW-1358

ATTN: Eric Matzner

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
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CCV	Continuing Calibration Verification	MSHGICV2			03/21/2007	1253
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	3.083073373		3.00		102.8	80.0-120.0	

CRA	Contract Required Detection Limit	MSHGCR4			03/21/2007	1251
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	0.2100560562		0.200		105.0	50.0-150.0	

ICB	Initial Calibration Blank				03/21/2007	1250
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	0.01169761						

ICV	Initial Calibration Verification	MSHGICV2			03/21/2007	1248
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	3.115064721		3.00		103.8	90.0-110.0	

LCSS	Soil lab control for metals	MSLCSS4	173947	20	03/21/2007	1258
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg), Solid	5.233688133		5.03		104.0	80.0-120.0	

MD	Method Duplicate		332151-1		03/21/2007	0104
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg), Soil	0.1022700031	0.1007133518		0.1007133518	0.0015566513	0.20000000	

MS	Matrix Spike	MSHGICV2	332151-1		03/21/2007	0106
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg), Soil	2.632742413		3.00	0.1007133518	84.4	75-125	

MSD	Matrix Spike Duplicate	MSHGICV2	332151-1		03/21/2007	0108
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg), Soil	2.520763647	2.632742413	3.00	0.1007133518	80.7 4.5	75-125 20	

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QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
PB	Prep. Blank		173947		03/21/2007	1256

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg), Solid	0.07018994						

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
PDS	Post Digestion Spike	MSHGICV2	332151-1		03/21/2007	0121

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg), Soil	2.888492498		3.00				

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
S0	Calibration Blank				03/21/2007	1234

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	0						

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
S0.2	Calibration Standard				03/21/2007	1236

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	0						

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
S0.5	Calibration Standard				03/21/2007	1237

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	0						

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
S1.0	Calibration Standard				03/21/2007	1239

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	0						

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
S10.0	Calibration Standard				03/21/2007	1245

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	0						

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
S2.0	Calibration Standard				03/21/2007	1241

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	0						

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QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
S5.0	Calibration Standard				03/21/2007	1243

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	0						

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
SD	Serial Dilution		332151-1	5	03/21/2007	0123

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg), Soil	0.03676399						

Test Method.....: SW-846 7470A Units.....: ug/L Analyst....: dcl
 Method Description.: Mercury (CVAA) Batch(s)....: 173967 174002

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
CCB	Continuing Calibration Blank				03/21/2007	0223

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	-0.04062160						

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
CCB	Continuing Calibration Blank				03/21/2007	0240

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	-0.02960968						

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
CCB	Continuing Calibration Blank				03/21/2007	0257

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	-0.03487682						

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
CCB	Continuing Calibration Blank				03/21/2007	0314

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	-0.05098018						

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
CCB	Continuing Calibration Blank				03/21/2007	0332

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	-0.05399941						

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QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
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CCB	Continuing Calibration Blank				03/21/2007	0349
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	-0.00248068						

CCB	Continuing Calibration Blank				03/21/2007	0406
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	-0.04492682						

CCB	Continuing Calibration Blank				03/21/2007	0422
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	-0.03386269						

CCV	Continuing Calibration Verification	MSHGICV2			03/21/2007	0221
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	3.035354958		3.00		101.2	80.0-120.0	

CCV	Continuing Calibration Verification	MSHGICV2			03/21/2007	0238
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	2.916354147		3.00		97.2	80.0-120.0	

CCV	Continuing Calibration Verification	MSHGICV2			03/21/2007	0255
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	2.881167738		3.00		96.0	80.0-120.0	

CCV	Continuing Calibration Verification	MSHGICV2			03/21/2007	0313
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	2.902171455		3.00		96.7	80.0-120.0	

CCV	Continuing Calibration Verification	MSHGICV2			03/21/2007	0330
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	2.938299172		3.00		97.9	80.0-120.0	

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QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
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CCV	Continuing Calibration Verification	MSHGICV2			03/21/2007	0347
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	2.961231238		3.00		98.7	80.0-120.0	

CCV	Continuing Calibration Verification	MSHGICV2			03/21/2007	0404
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	2.946931604		3.00		98.2	80.0-120.0	

CCV	Continuing Calibration Verification	MSHGICV2			03/21/2007	0420
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	2.937120962		3.00		97.9	80.0-120.0	

CRA	Contract Required Detection Limit	MSHGICRA			03/21/2007	0219
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	0.1758125793		0.200		87.9	50.0-150.0	

EB	Extraction Blank		173841-1		03/21/2007	0228
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	-0.03420602						

EB	Extraction Blank		173777-4		03/21/2007	0243
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	-0.03811594						

EB	Extraction Blank		173890-4		03/21/2007	0259
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	-0.03968413						

EB	Extraction Blank		173916-1		03/21/2007	0306
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	-0.01820935						

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QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
ICB	Initial Calibration Blank				03/21/2007	0217

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	-0.04396720						

ICV	Initial Calibration Verification	MSHGICV2				03/21/2007	0216
Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	3.053195053		3.00		101.8	90.0-110.0	

LCS	Laboratory Control Sample	MSHGICV2	173963			03/21/2007	0226
Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	3.106505631		3.00		103.6	80.0-120.0	

LCS	Laboratory Control Sample	MSHGICV2	173963			03/21/2007	0335
Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	2.950582505		3.00		98.4	80.0-120.0	

MD	Method Duplicate		331563-1			03/21/2007	0231
Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg), TCLP	-0.05239532	-0.00944591		-0.00944591	0.04294941	0.20000000	

MD	Method Duplicate		331964-1			03/21/2007	0321
Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg), TCLP	-0.04193067	0.07597951		0.07597951	0.11791018	0.20000000	

MD	Method Duplicate		332132-2			03/21/2007	0356
Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg), Water	-0.06908093	-0.02989207		-0.02989207	0.03918886	0.20000000	

MD	Method Duplicate		332160-1			03/21/2007	0411
Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg), Water	-0.05816921	-0.06351799		-0.06351799	0.00534878	0.20000000	

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QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
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MS	Matrix Spike	MSHGICV2	331563-1		03/21/2007	0233
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg), TCLP	2.932546765		3.00	-0.00944591	98.1	75-125	

MS	Matrix Spike	MSHGICV2	331964-1		03/21/2007	0323
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg), TCLP	2.897806928		3.00	0.07597951	94.1	75-125	

MS	Matrix Spike	MSHGICV2	332132-2		03/21/2007	0358
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg), Water	2.690134967		3.00	-0.02989207	90.7	75-125	

MS	Matrix Spike	MSHGICV2	332160-1		03/21/2007	0413
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg), Water	1.718539005		3.00	-0.06351799	59.4	75-125	a

MSD	Matrix Spike Duplicate	MSHGICV2	331563-1		03/21/2007	0235
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg), TCLP	2.952846597	2.932546765	3.00	-0.00944591	98.7 0.6	75-125 20	

MSD	Matrix Spike Duplicate	MSHGICV2	331964-1		03/21/2007	0325
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg), TCLP	2.83800466	2.897806928	3.00	0.07597951	92.1 2.1	75-125 20	

MSD	Matrix Spike Duplicate	MSHGICV2	332132-2		03/21/2007	0359
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg), Water	2.730603025	2.690134967	3.00	-0.00823325	91.3 0.7	75-125 20	

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QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
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MSD	Matrix Spike Duplicate	MSHGICV2	332160-1		03/21/2007	0415
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg), Water	1.778108494	1.718539005	3.00	-0.06351799	61.4 3.3	75-125 20	a

PB	Prep. Blank		173963			03/21/2007	0224
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	-0.03251554						

PB	Prep. Blank		173963			03/21/2007	0333
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	-0.04967485						

PDS	Post Digestion Spike	MSHGICV2	331563-1			03/21/2007	0326
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg), TCLP	3.81328247		3.00	-0.00944591	127.4	75-125	A

PDS	Post Digestion Spike	MSHGICV2	332132-2			03/21/2007	0417
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg), Water	3.749574488		3.00	-0.02989207	126.0	75-125	A

S0	Calibration Blank					03/21/2007	0202
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	0						

S0.2	Calibration Standard					03/21/2007	0204
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	0						

S0.5	Calibration Standard					03/21/2007	0205
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	0						

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QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
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S1.0	Calibration Standard				03/21/2007	0207
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	0						

S10.0	Calibration Standard				03/21/2007	0213
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	0						

S2.0	Calibration Standard				03/21/2007	0209
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	0						

S5.0	Calibration Standard				03/21/2007	0210
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg)	0						

SD	Serial Dilution		331563-1	5	03/21/2007	0328
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg), TCLP	-0.01565849				-0.00944591		

SD	Serial Dilution		332132-2	5	03/21/2007	0418
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Mercury (Hg), Water	-0.03692257				-0.02989207		

Test Method.....: SW-846 6010B
Method Description.: Metals Analysis (ICAP Trace)

Units.....: mg/L
Batch(s)....: 173953 174005 174180

Analyst....: twr

CCB	Continuing Calibration Blank				03/21/2007	0845
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	-0.00360						
Barium (Ba)	0.00009						
Cadmium (Cd)	0.00007						
Chromium (Cr)	0.00089						
Lead (Pb)	0.00174						
Selenium (Se)	-0.00045						
Silver (Ag)	-0.00001						

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QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
CCB	Continuing Calibration Blank				03/21/2007	0941

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	-0.00145						
Barium (Ba)	0.00000						
Cadmium (Cd)	0.00025						
Chromium (Cr)	0.00024						
Lead (Pb)	0.00142						
Selenium (Se)	-0.00063						
Silver (Ag)	-0.00031						

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
CCB	Continuing Calibration Blank				03/21/2007	1017

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	-0.00362						
Barium (Ba)	0.00003						
Cadmium (Cd)	0.00024						
Chromium (Cr)	0.00024						
Lead (Pb)	0.00195						
Selenium (Se)	-0.00018						
Silver (Ag)	-0.00077						

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
CCV	Continuing Calibration Verification	MS031307CC			03/21/2007	0841

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	0.50108		0.500		100.2	90.0-110.0	
Barium (Ba)	0.50100		0.500		100.2	90.0-110.0	
Cadmium (Cd)	0.49863		0.500		99.7	90.0-110.0	
Chromium (Cr)	0.48820		0.500		97.6	90.0-110.0	
Lead (Pb)	0.50077		0.500		100.2	90.0-110.0	
Selenium (Se)	0.49565		0.500		99.1	90.0-110.0	
Silver (Ag)	0.24733		0.25		98.9	90.0-110.0	

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
CCV	Continuing Calibration Verification	MS031307CC			03/21/2007	0937

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	0.50169		0.500		100.3	90.0-110.0	
Barium (Ba)	0.50551		0.500		101.1	90.0-110.0	
Cadmium (Cd)	0.49295		0.500		98.6	90.0-110.0	
Chromium (Cr)	0.47902		0.500		95.8	90.0-110.0	
Lead (Pb)	0.49520		0.500		99.0	90.0-110.0	
Selenium (Se)	0.49172		0.500		98.3	90.0-110.0	
Silver (Ag)	0.24546		0.25		98.2	90.0-110.0	

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QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
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CCV	Continuing Calibration Verification	MS031307CC			03/21/2007	1013
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	0.51006		0.500		102.0	90.0-110.0	
Barium (Ba)	0.50687		0.500		101.4	90.0-110.0	
Cadmium (Cd)	0.50168		0.500		100.3	90.0-110.0	
Chromium (Cr)	0.48643		0.500		97.3	90.0-110.0	
Lead (Pb)	0.50330		0.500		100.7	90.0-110.0	
Selenium (Se)	0.50156		0.500		100.3	90.0-110.0	
Silver (Ag)	0.24709		0.25		98.8	90.0-110.0	

CH1	Calibration check standard 1	MS031107T1				03/21/2007	0829
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	0.00783		0.0100		78.3	50.0-150.0	
Barium (Ba)	0.00992		0.0100		99.2	50.0-150.0	
Cadmium (Cd)	0.00525		0.00500		105.0	50.0-150.0	
Chromium (Cr)	0.01108		0.0100		110.8	50.0-150.0	
Lead (Pb)	0.01195		0.0100		119.5	50.0-150.0	
Selenium (Se)	0.00885		0.0100		88.5	50.0-150.0	
Silver (Ag)	0.00531		0.00500		106.2	50.0-150.0	

CH3	Standard check for ICAP	MS031307T3				03/21/2007	0818
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	2.01093		2.00		100.5	95.0-105.0	
Barium (Ba)	1.97435		2.00		98.7	95.0-105.0	
Cadmium (Cd)	1.00297		1.00		100.3	95.0-105.0	
Chromium (Cr)	1.99385		2.00		99.7	95.0-105.0	
Lead (Pb)	2.00143		2.00		100.1	95.0-105.0	
Selenium (Se)	1.99736		2.00		99.9	95.0-105.0	
Silver (Ag)	1.00248		1.00		100.2	95.0-105.0	

ICB	Initial Calibration Blank					03/21/2007	0825
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	-0.00366						
Barium (Ba)	0.00008						
Cadmium (Cd)	0.00046						
Chromium (Cr)	0.00000						
Lead (Pb)	0.00246						
Selenium (Se)	0.00684						
Silver (Ag)	-0.00022						

QUALITY CONTROL RESULTS

Job Number.: 332144

Report Date.: 04/05/2007

CUSTOMER: Pastor, Behling & Wheeler, LLC

PROJECT: UPRR-HWPW-1358

ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
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ICV	Initial Calibration Verification	MS031307CC			03/21/2007	0822
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	0.49776		0.500		99.6	95.0-105.0	
Barium (Ba)	0.50084		0.500		100.2	95.0-105.0	
Cadmium (Cd)	0.49734		0.500		99.5	95.0-105.0	
Chromium (Cr)	0.49023		0.500		98.0	95.0-105.0	
Lead (Pb)	0.49886		0.500		99.8	95.0-105.0	
Selenium (Se)	0.49936		0.500		99.9	95.0-105.0	
Silver (Ag)	0.24769		0.25		99.1	95.0-105.0	

ISA	Interference Check Sample A	MS022607IA			03/21/2007	0833
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	0.00126		0.0				
Barium (Ba)	0.00160		0.0				
Cadmium (Cd)	0.00840		0.0				
Chromium (Cr)	0.00060		0.0				
Lead (Pb)	0.00391		0.0				
Selenium (Se)	-0.01596		0.0				
Silver (Ag)	-0.00026		0.0				

ISB	Interference Check Sample B	MS022607IB			03/21/2007	0837
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	1.02960		1.00		103.0	80.0-120.0	
Barium (Ba)	1.03736		1.00		103.7	80.0-120.0	
Cadmium (Cd)	0.46269		0.500		92.5	80.0-120.0	
Chromium (Cr)	0.97165		1.00		97.2	80.0-120.0	
Lead (Pb)	0.93758		1.00		93.8	80.0-120.0	
Selenium (Se)	0.99412		1.00		99.4	80.0-120.0	
Silver (Ag)	0.54258		0.500		108.5	80.0-120.0	

LCS	Laboratory Control Sample	MSPIKE3	173912		03/21/2007	0949
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	1.05517		1.00		105.5	85.0-115.0	
Barium (Ba)	1.06343		1.00		106.3	85.0-115.0	
Cadmium (Cd)	0.52474		0.500		104.9	85.0-115.0	
Chromium (Cr)	1.03130		1.00		103.1	85.0-115.0	
Lead (Pb)	1.05550		1.00		105.5	85.0-115.0	
Selenium (Se)	1.05916		1.00		105.9	85.0-115.0	
Silver (Ag)	0.52102		0.500		104.2	85.0-115.0	

QUALITY CONTROL RESULTS

Job Number.: 332144

Report Date.: 04/05/2007

CUSTOMER: Pastor, Behling & Wheeler, LLC		PROJECT: UPRR-HWPW-1358		ATTN:	
QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date Time

MD	Method Duplicate		332123-1		03/21/2007 0957
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As), Water	0.00043	-0.00288		-0.00288	0.00331	0.02000	
Barium (Ba), Water	0.04961	0.04747		0.04747	0.00214	0.02000	
Cadmium (Cd), Water	0.00031	0.00003		0.00003	0.00028	0.00500	
Chromium (Cr), Water	0.00108	0.00024		0.00024	0.00084	0.01000	
Lead (Pb), Water	0.01183	0.01224		0.01224	0.00041	0.01000	
Selenium (Se), Water	-0.00153	0.00345		0.00345	0.00498	0.04000	
Silver (Ag), Water	-0.00076	-0.00067		-0.00067	0.00009	0.01000	

MS	Matrix Spike	MSPIKE3	332123-1		03/21/2007 1001
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As), Water	1.03423		1.00	-0.00288	103.7	75-125	
Barium (Ba), Water	1.02916		1.00	0.04747	98.2	75-125	
Cadmium (Cd), Water	0.46368		0.500	0.00003	92.7	75-125	
Chromium (Cr), Water	0.94913		1.00	0.00024	94.9	75-125	
Lead (Pb), Water	0.94755		1.00	0.01224	93.5	75-125	
Selenium (Se), Water	1.08307		1.00	0.00345	108.0	75-125	
Silver (Ag), Water	0.50945		0.500	-0.00067	102.0	75-125	

MSD	Matrix Spike Duplicate	MSPIKE3	332123-1		03/21/2007 1005
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As), Water	1.06792	1.03423	1.00	-0.00288	107.1	75-125	
					3.2	20	
Barium (Ba), Water	1.05443	1.02916	1.00	0.04747	100.7	75-125	
					2.5	20	
Cadmium (Cd), Water	0.47939	0.46368	0.500	0.00003	95.9	75-125	
					3.4	20	
Chromium (Cr), Water	0.98449	0.94913	1.00	0.00024	98.4	75-125	
					3.6	20	
Lead (Pb), Water	0.97496	0.94755	1.00	0.01224	96.3	75-125	
					3.0	20	
Selenium (Se), Water	1.11223	1.08307	1.00	0.00345	110.9	75-125	
					2.6	20	
Silver (Ag), Water	0.52817	0.50945	0.500	-0.00067	105.8	75-125	
					3.7	20	

PB	Prep. Blank		173912		03/21/2007 0945
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	-0.00222						
Barium (Ba)	-0.00067						
Cadmium (Cd)	0.00027						
Chromium (Cr)	0.00040						
Lead (Pb)	0.00046						
Selenium (Se)	0.00143						
Silver (Ag)	-0.00002						

QUALITY CONTROL RESULTS

Job Number.: 332144

Report Date.: 04/05/2007

CUSTOMER: Pastor, Behling & Wheeler, LLC

PROJECT: UPRR-HWPW-1358

ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
S0	Calibration Blank				03/21/2007	0801

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	0.00230						
Barium (Ba)	0.00047						
Cadmium (Cd)	-0.00224						
Chromium (Cr)	-0.00005						
Lead (Pb)	0.00021						
Selenium (Se)	0.00018						
Silver (Ag)	-0.00357						

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
STD	Spiked Blank Duplicate				03/21/2007	0805

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	1.19210						
Barium (Ba)	0.90392						
Cadmium (Cd)	7.55975						
Chromium (Cr)	0.32458						
Silver (Ag)	0.41067						

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
CCB	Continuing Calibration Blank				03/21/2007	0845

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	-0.00360						
Barium (Ba)	0.00009						
Cadmium (Cd)	0.00007						
Chromium (Cr)	0.00089						
Lead (Pb)	0.00174						
Selenium (Se)	-0.00045						
Silver (Ag)	-0.00001						

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
CCB	Continuing Calibration Blank				03/21/2007	0941

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	-0.00145						
Barium (Ba)	0.00000						
Cadmium (Cd)	0.00025						
Chromium (Cr)	0.00024						
Lead (Pb)	0.00142						
Selenium (Se)	-0.00063						
Silver (Ag)	-0.00031						

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
CCB	Continuing Calibration Blank				03/21/2007	1017

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	-0.00362						
Barium (Ba)	0.00003						
Cadmium (Cd)	0.00024						
Chromium (Cr)	0.00024						



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QUALITY CONTROL RESULTS

Job Number.: 332144

Report Date.: 04/05/2007

CUSTOMER: Pastor, Behling & Wheeler, LLC

PROJECT: UPRR-HWPW-1358

ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
CCB	Continuing Calibration Blank				03/21/2007	1017

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Lead (Pb)	0.00195						
Selenium (Se)	-0.00018						
Silver (Ag)	-0.00077						

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
CCB	Continuing Calibration Blank				03/21/2007	1240

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	-0.00329						
Barium (Ba)	-0.00000						
Cadmium (Cd)	0.00020						
Chromium (Cr)	0.00057						
Lead (Pb)	0.00217						
Selenium (Se)	-0.00060						
Silver (Ag)	-0.00048						

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
CCB	Continuing Calibration Blank				03/21/2007	1300

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	-0.00319						
Barium (Ba)	0.00007						
Cadmium (Cd)	0.00007						
Chromium (Cr)	0.00089						
Lead (Pb)	0.00038						
Selenium (Se)	-0.00338						
Silver (Ag)	0.00051						

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
CCV	Continuing Calibration Verification	MS031307CC			03/21/2007	0841

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	0.50108		0.500		100.2	90.0-110.0	
Barium (Ba)	0.50100		0.500		100.2	90.0-110.0	
Cadmium (Cd)	0.49863		0.500		99.7	90.0-110.0	
Chromium (Cr)	0.48820		0.500		97.6	90.0-110.0	
Lead (Pb)	0.50077		0.500		100.2	90.0-110.0	
Selenium (Se)	0.49565		0.500		99.1	90.0-110.0	
Silver (Ag)	0.24733		0.25		98.9	90.0-110.0	

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
CCV	Continuing Calibration Verification	MS031307CC			03/21/2007	0937

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	0.50169		0.500		100.3	90.0-110.0	
Barium (Ba)	0.50551		0.500		101.1	90.0-110.0	
Cadmium (Cd)	0.49295		0.500		98.6	90.0-110.0	
Chromium (Cr)	0.47902		0.500		95.8	90.0-110.0	
Lead (Pb)	0.49520		0.500		99.0	90.0-110.0	
Selenium (Se)	0.49172		0.500		98.3	90.0-110.0	

QUALITY CONTROL RESULTS

Job Number.: 332144

Report Date.: 04/05/2007

CUSTOMER: Pastor, Behling & Wheeler, LLC

PROJECT: UPRR-HWPW-1358

ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
CCV	Continuing Calibration Verification	MS031307CC			03/21/2007	0937

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Silver (Ag)	0.24546		0.25		98.2	90.0-110.0	

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
CCV	Continuing Calibration Verification	MS031307CC			03/21/2007	1013

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	0.51006		0.500		102.0	90.0-110.0	
Barium (Ba)	0.50687		0.500		101.4	90.0-110.0	
Cadmium (Cd)	0.50168		0.500		100.3	90.0-110.0	
Chromium (Cr)	0.48643		0.500		97.3	90.0-110.0	
Lead (Pb)	0.50330		0.500		100.7	90.0-110.0	
Selenium (Se)	0.50156		0.500		100.3	90.0-110.0	
Silver (Ag)	0.24709		0.25		98.8	90.0-110.0	

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
CCV	Continuing Calibration Verification	MS031307CC			03/21/2007	1236

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	0.50213		0.500		100.4	90.0-110.0	
Barium (Ba)	0.50978		0.500		102.0	90.0-110.0	
Cadmium (Cd)	0.49362		0.500		98.7	90.0-110.0	
Chromium (Cr)	0.47212		0.500		94.4	90.0-110.0	
Lead (Pb)	0.49608		0.500		99.2	90.0-110.0	
Selenium (Se)	0.50026		0.500		100.1	90.0-110.0	
Silver (Ag)	0.24399		0.25		97.6	90.0-110.0	

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
CCV	Continuing Calibration Verification	MS031307CC			03/21/2007	1256

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	0.49376		0.500		98.8	90.0-110.0	
Barium (Ba)	0.50224		0.500		100.4	90.0-110.0	
Cadmium (Cd)	0.48983		0.500		98.0	90.0-110.0	
Chromium (Cr)	0.47045		0.500		94.1	90.0-110.0	
Lead (Pb)	0.49548		0.500		99.1	90.0-110.0	
Selenium (Se)	0.49875		0.500		99.8	90.0-110.0	
Silver (Ag)	0.24394		0.25		97.6	90.0-110.0	

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
CH1	Calibration check standard 1	MS031107T1			03/21/2007	0829

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	0.00783		0.0100		78.3	50.0-150.0	
Barium (Ba)	0.00992		0.0100		99.2	50.0-150.0	
Cadmium (Cd)	0.00525		0.00500		105.0	50.0-150.0	
Chromium (Cr)	0.01108		0.0100		110.8	50.0-150.0	
Lead (Pb)	0.01195		0.0100		119.5	50.0-150.0	
Selenium (Se)	0.00885		0.0100		88.5	50.0-150.0	
Silver (Ag)	0.00531		0.00500		106.2	50.0-150.0	

QUALITY CONTROL RESULTS

Job Number.: 332144

Report Date.: 04/05/2007

CUSTOMER: Pastor, Behling & Wheeler, LLC

PROJECT: UPRR-HWPW-1358

ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
CH1	Calibration check standard 1	MS031107T1			03/21/2007	1244

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	0.00553		0.0100		55.3	50.0-150.0	
Barium (Ba)	0.01015		0.0100		101.5	50.0-150.0	
Cadmium (Cd)	0.00486		0.00500		97.2	50.0-150.0	
Chromium (Cr)	0.00990		0.0100		99.0	50.0-150.0	
Lead (Pb)	0.01010		0.0100		101.0	50.0-150.0	
Selenium (Se)	0.01267		0.0100		126.7	50.0-150.0	
Silver (Ag)	0.00504		0.00500		100.8	50.0-150.0	

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
CH3	Standard check for ICAP	MS031307T3			03/21/2007	0818

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	2.01093		2.00		100.5	95.0-105.0	
Barium (Ba)	1.97435		2.00		98.7	95.0-105.0	
Cadmium (Cd)	1.00297		1.00		100.3	95.0-105.0	
Chromium (Cr)	1.99385		2.00		99.7	95.0-105.0	
Lead (Pb)	2.00143		2.00		100.1	95.0-105.0	
Selenium (Se)	1.99736		2.00		99.9	95.0-105.0	
Silver (Ag)	1.00248		1.00		100.2	95.0-105.0	

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
ICB	Initial Calibration Blank				03/21/2007	0825

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	-0.00366						
Barium (Ba)	0.00008						
Cadmium (Cd)	0.00046						
Chromium (Cr)	0.00000						
Lead (Pb)	0.00246						
Selenium (Se)	0.00684						
Silver (Ag)	-0.00022						

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
ICV	Initial Calibration Verification	MS031307CC			03/21/2007	0822

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	0.49776		0.500		99.6	95.0-105.0	
Barium (Ba)	0.50084		0.500		100.2	95.0-105.0	
Cadmium (Cd)	0.49734		0.500		99.5	95.0-105.0	
Chromium (Cr)	0.49023		0.500		98.0	95.0-105.0	
Lead (Pb)	0.49886		0.500		99.8	95.0-105.0	
Selenium (Se)	0.49936		0.500		99.9	95.0-105.0	
Silver (Ag)	0.24769		0.25		99.1	95.0-105.0	

QUALITY CONTROL RESULTS

Job Number.: 332144

Report Date.: 04/05/2007

CUSTOMER: Pastor, Behling & Wheeler, LLC

PROJECT: UPRR-HWPW-1358

ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
ISA	Interference Check Sample A	MS0226071A			03/21/2007	0833

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	0.00126		0.0				
Barium (Ba)	0.00160		0.0				
Cadmium (Cd)	0.00840		0.0				
Chromium (Cr)	0.00060		0.0				
Lead (Pb)	0.00391		0.0				
Selenium (Se)	-0.01596		0.0				
Silver (Ag)	-0.00026		0.0				

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
ISA	Interference Check Sample A	MS0226071A			03/21/2007	1248

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	-0.00230		0.0				
Barium (Ba)	0.00158		0.0				
Cadmium (Cd)	0.00740		0.0				
Chromium (Cr)	0.00068		0.0				
Lead (Pb)	0.00571		0.0				
Selenium (Se)	-0.00941		0.0				
Silver (Ag)	-0.00053		0.0				

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
ISB	Interference Check Sample B	MS0226071B			03/21/2007	0837

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	1.02960		1.00		103.0	80.0-120.0	
Barium (Ba)	1.03736		1.00		103.7	80.0-120.0	
Cadmium (Cd)	0.46269		0.500		92.5	80.0-120.0	
Chromium (Cr)	0.97165		1.00		97.2	80.0-120.0	
Lead (Pb)	0.93758		1.00		93.8	80.0-120.0	
Selenium (Se)	0.99412		1.00		99.4	80.0-120.0	
Silver (Ag)	0.54258		0.500		108.5	80.0-120.0	

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
ISB	Interference Check Sample B	MS0226071B			03/21/2007	1252

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	1.03842		1.00		103.8	80.0-120.0	
Barium (Ba)	1.04799		1.00		104.8	80.0-120.0	
Cadmium (Cd)	0.45804		0.500		91.6	80.0-120.0	
Chromium (Cr)	0.94386		1.00		94.4	80.0-120.0	
Lead (Pb)	0.93584		1.00		93.6	80.0-120.0	
Selenium (Se)	1.00604		1.00		100.6	80.0-120.0	
Silver (Ag)	0.53754		0.500		107.5	80.0-120.0	

QUALITY CONTROL RESULTS

Job Number.: 332144

Report Date.: 04/05/2007

CUSTOMER: Pastor, Behling & Wheeler, LLC

PROJECT: UPRR-HWPW-1358

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QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	MSPIKE3	173912		03/21/2007	0949

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	1.05517		1.00		105.5	85.0-115.0	
Barium (Ba)	1.06343		1.00		106.3	85.0-115.0	
Cadmium (Cd)	0.52474		0.500		104.9	85.0-115.0	
Chromium (Cr)	1.03130		1.00		103.1	85.0-115.0	
Lead (Pb)	1.05550		1.00		105.5	85.0-115.0	
Selenium (Se)	1.05916		1.00		105.9	85.0-115.0	
Silver (Ag)	0.52102		0.500		104.2	85.0-115.0	

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MD	Method Duplicate		332123-1		03/21/2007	0957

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As), Water	0.00043	-0.00288		-0.00288	0.00331	0.02000	
Barium (Ba), Water	0.04961	0.04747		0.04747	0.00214	0.02000	
Cadmium (Cd), Water	0.00031	0.00003		0.00003	0.00028	0.00500	
Chromium (Cr), Water	0.00108	0.00024		0.00024	0.00084	0.01000	
Lead (Pb), Water	0.01183	0.01224		0.01224	0.00041	0.01000	
Selenium (Se), Water	-0.00153	0.00345		0.00345	0.00498	0.04000	
Silver (Ag), Water	-0.00076	-0.00067		-0.00067	0.00009	0.01000	

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MS	Matrix Spike	MSPIKE3	332123-1		03/21/2007	1001

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As), Water	1.03423		1.00	-0.00288	103.7	75-125	
Barium (Ba), Water	1.02916		1.00	0.04747	98.2	75-125	
Cadmium (Cd), Water	0.46368		0.500	0.00003	92.7	75-125	
Chromium (Cr), Water	0.94913		1.00	0.00024	94.9	75-125	
Lead (Pb), Water	0.94755		1.00	0.01224	93.5	75-125	
Selenium (Se), Water	1.08307		1.00	0.00345	108.0	75-125	
Silver (Ag), Water	0.50945		0.500	-0.00067	102.0	75-125	

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MSD	Matrix Spike Duplicate	MSPIKE3	332123-1		03/21/2007	1005

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As), Water	1.06792	1.03423	1.00	-0.00288	107.1	75-125	
					3.2	20	
Barium (Ba), Water	1.05443	1.02916	1.00	0.04747	100.7	75-125	
					2.5	20	
Cadmium (Cd), Water	0.47939	0.46368	0.500	0.00003	95.9	75-125	
					3.4	20	
Chromium (Cr), Water	0.98449	0.94913	1.00	0.00024	98.4	75-125	
					3.6	20	
Lead (Pb), Water	0.97496	0.94755	1.00	0.01224	96.3	75-125	
					3.0	20	
Selenium (Se), Water	1.11223	1.08307	1.00	0.00345	110.9	75-125	
					2.6	20	
Silver (Ag), Water	0.52817	0.50945	0.500	-0.00067	105.8	75-125	
					3.7	20	

QUALITY CONTROL RESULTS

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CUSTOMER: Pastor, Behling & Wheeler, LLC

PROJECT: UPRR-HWPW-1358

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QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
PB	Prep. Blank		173912		03/21/2007	0945

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	-0.00222						
Barium (Ba)	-0.00067						
Cadmium (Cd)	0.00027						
Chromium (Cr)	0.00040						
Lead (Pb)	0.00046						
Selenium (Se)	0.00143						
Silver (Ag)	-0.00002						

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
S0	Calibration Blank				03/21/2007	0801

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	0.00230						
Barium (Ba)	0.00047						
Cadmium (Cd)	-0.00224						
Chromium (Cr)	-0.00005						
Lead (Pb)	0.00021						
Selenium (Se)	0.00018						
Silver (Ag)	-0.00357						

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
STD	Spiked Blank Duplicate				03/21/2007	0805

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	1.19210						
Barium (Ba)	0.90392						
Cadmium (Cd)	7.55975						
Chromium (Cr)	0.32458						
Silver (Ag)	0.41067						

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
CCB	Continuing Calibration Blank				03/24/2007	1004

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	0.00147						
Barium (Ba)	-0.00000						
Cadmium (Cd)	-0.00011						
Chromium (Cr)	0.00002						
Lead (Pb)	-0.00017						
Selenium (Se)	-0.00031						
Silver (Ag)	-0.00056						

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
CCB	Continuing Calibration Blank				03/24/2007	1048

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	0.00257						
Barium (Ba)	-0.00004						
Cadmium (Cd)	-0.00007						
Chromium (Cr)	-0.00001						



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QUALITY CONTROL RESULTS

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CUSTOMER: Pastor, Behling & Wheeler, LLC

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QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
CCB	Continuing Calibration Blank				03/24/2007	1048

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Lead (Pb)	-0.00008						
Selenium (Se)	0.00164						
Silver (Ag)	-0.00071						

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
CCB	Continuing Calibration Blank				03/24/2007	1132

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	0.00260						
Barium (Ba)	0.00019						
Cadmium (Cd)	-0.00017						
Chromium (Cr)	0.00029						
Lead (Pb)	0.00020						
Selenium (Se)	0.00074						
Silver (Ag)	-0.00073						

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
CCB	Continuing Calibration Blank				03/24/2007	1216

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	0.00031						
Barium (Ba)	0.00004						
Cadmium (Cd)	-0.00006						
Chromium (Cr)	-0.00021						
Lead (Pb)	0.00127						
Selenium (Se)	-0.00024						
Silver (Ag)	-0.00024						

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
CCB	Continuing Calibration Blank				03/24/2007	1300

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	0.00103						
Barium (Ba)	-0.00003						
Cadmium (Cd)	-0.00005						
Chromium (Cr)	0.00005						
Lead (Pb)	0.00023						
Selenium (Se)	-0.00076						
Silver (Ag)	-0.00072						

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
CCB	Continuing Calibration Blank				03/24/2007	1344

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	0.00085						
Barium (Ba)	0.00001						
Cadmium (Cd)	-0.00008						
Chromium (Cr)	-0.00011						
Lead (Pb)	-0.00055						
Selenium (Se)	0.00111						

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CUSTOMER: Pastor, Behling & Wheeler, LLC		PROJECT: UPRR-HWPW-1358		ATTN:	
QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date Time

CCB	Continuing Calibration Blank				03/24/2007 1344
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Silver (Ag)	-0.00065						

CCB	Continuing Calibration Blank				03/24/2007 1359
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	0.00137						
Barium (Ba)	-0.00003						
Cadmium (Cd)	-0.00012						
Chromium (Cr)	0.00011						
Lead (Pb)	0.00042						
Selenium (Se)	0.00095						
Silver (Ag)	-0.00075						

CCB	Continuing Calibration Blank				03/24/2007 1417
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	0.00192						
Barium (Ba)	0.00006						
Cadmium (Cd)	-0.00006						
Chromium (Cr)	0.00022						
Lead (Pb)	0.00037						
Selenium (Se)	0.00025						
Silver (Ag)	-0.00088						

CCV	Continuing Calibration Verification	MS031707CC			03/24/2007 1001
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	0.50166		0.500		100.3	90.0-110.0	
Barium (Ba)	0.49856		0.500		99.7	90.0-110.0	
Cadmium (Cd)	0.50039		0.500		100.1	90.0-110.0	
Chromium (Cr)	0.50096		0.500		100.2	90.0-110.0	
Lead (Pb)	0.50009		0.500		100.0	90.0-110.0	
Selenium (Se)	0.49666		0.500		99.3	90.0-110.0	
Silver (Ag)	0.24758		0.25		99.0	90.0-110.0	

CCV	Continuing Calibration Verification	MS031707CC			03/24/2007 1045
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	0.50169		0.500		100.3	90.0-110.0	
Barium (Ba)	0.50206		0.500		100.4	90.0-110.0	
Cadmium (Cd)	0.50106		0.500		100.2	90.0-110.0	
Chromium (Cr)	0.50132		0.500		100.3	90.0-110.0	
Lead (Pb)	0.49938		0.500		99.9	90.0-110.0	
Selenium (Se)	0.49644		0.500		99.3	90.0-110.0	
Silver (Ag)	0.24768		0.25		99.1	90.0-110.0	



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QUALITY CONTROL RESULTS

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CUSTOMER: Pastor, Behling & Wheeler, LLC

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QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
CCV	Continuing Calibration Verification	MS031707CC			03/24/2007	1129

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	0.50207		0.500		100.4	90.0-110.0	
Barium (Ba)	0.50231		0.500		100.5	90.0-110.0	
Cadmium (Cd)	0.50260		0.500		100.5	90.0-110.0	
Chromium (Cr)	0.50202		0.500		100.4	90.0-110.0	
Lead (Pb)	0.49808		0.500		99.6	90.0-110.0	
Selenium (Se)	0.48969		0.500		97.9	90.0-110.0	
Silver (Ag)	0.24764		0.25		99.1	90.0-110.0	

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
CCV	Continuing Calibration Verification	MS031707CC			03/24/2007	1213

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	0.49814		0.500		99.6	90.0-110.0	
Barium (Ba)	0.50383		0.500		100.8	90.0-110.0	
Cadmium (Cd)	0.50196		0.500		100.4	90.0-110.0	
Chromium (Cr)	0.50150		0.500		100.3	90.0-110.0	
Lead (Pb)	0.49879		0.500		99.8	90.0-110.0	
Selenium (Se)	0.49750		0.500		99.5	90.0-110.0	
Silver (Ag)	0.24644		0.25		98.6	90.0-110.0	

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
CCV	Continuing Calibration Verification	MS031707CC			03/24/2007	1257

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	0.49847		0.500		99.7	90.0-110.0	
Barium (Ba)	0.50178		0.500		100.4	90.0-110.0	
Cadmium (Cd)	0.49924		0.500		99.8	90.0-110.0	
Chromium (Cr)	0.49973		0.500		99.9	90.0-110.0	
Lead (Pb)	0.49976		0.500		100.0	90.0-110.0	
Selenium (Se)	0.49626		0.500		99.3	90.0-110.0	
Silver (Ag)	0.24540		0.25		98.2	90.0-110.0	

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
CCV	Continuing Calibration Verification	MS031707CC			03/24/2007	1341

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	0.49793		0.500		99.6	90.0-110.0	
Barium (Ba)	0.49985		0.500		100.0	90.0-110.0	
Cadmium (Cd)	0.49661		0.500		99.3	90.0-110.0	
Chromium (Cr)	0.50033		0.500		100.1	90.0-110.0	
Lead (Pb)	0.49709		0.500		99.4	90.0-110.0	
Selenium (Se)	0.49403		0.500		98.8	90.0-110.0	
Silver (Ag)	0.24539		0.25		98.2	90.0-110.0	

QUALITY CONTROL RESULTS

Job Number.: 332144

Report Date.: 04/05/2007

CUSTOMER: Pastor, Behling & Wheeler, LLC

PROJECT: UPRR-HWPW-1358

ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
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CCV	Continuing Calibration Verification	MS031707CC			03/24/2007	1355
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	0.49802		0.500		99.6	90.0-110.0	
Barium (Ba)	0.49910		0.500		99.8	90.0-110.0	
Cadmium (Cd)	0.49594		0.500		99.2	90.0-110.0	
Chromium (Cr)	0.50044		0.500		100.1	90.0-110.0	
Lead (Pb)	0.49625		0.500		99.2	90.0-110.0	
Selenium (Se)	0.49279		0.500		98.6	90.0-110.0	
Silver (Ag)	0.24531		0.25		98.1	90.0-110.0	

CCV	Continuing Calibration Verification	MS031707CC			03/24/2007	1414
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	0.49746		0.500		99.5	90.0-110.0	
Barium (Ba)	0.49763		0.500		99.5	90.0-110.0	
Cadmium (Cd)	0.49596		0.500		99.2	90.0-110.0	
Chromium (Cr)	0.50173		0.500		100.3	90.0-110.0	
Lead (Pb)	0.49740		0.500		99.5	90.0-110.0	
Selenium (Se)	0.49462		0.500		98.9	90.0-110.0	
Silver (Ag)	0.24556		0.25		98.2	90.0-110.0	

CH1	Calibration check standard 1	MS031107T1			03/24/2007	0950
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	0.00978		0.0100		97.8	50.0-150.0	
Barium (Ba)	0.00988		0.0100		98.8	50.0-150.0	
Cadmium (Cd)	0.00481		0.00500		96.2	50.0-150.0	
Chromium (Cr)	0.00966		0.0100		96.6	50.0-150.0	
Lead (Pb)	0.01137		0.0100		113.7	50.0-150.0	
Selenium (Se)	0.01057		0.0100		105.7	50.0-150.0	
Silver (Ag)	0.00393		0.00500		78.6	50.0-150.0	

CH1	Calibration check standard 1	MS031107T1			03/24/2007	1403
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	0.01199		0.0100		119.9	50.0-150.0	
Barium (Ba)	0.00988		0.0100		98.8	50.0-150.0	
Cadmium (Cd)	0.00503		0.00500		100.6	50.0-150.0	
Chromium (Cr)	0.01039		0.0100		103.9	50.0-150.0	
Lead (Pb)	0.01043		0.0100		104.3	50.0-150.0	
Selenium (Se)	0.00946		0.0100		94.6	50.0-150.0	
Silver (Ag)	0.00428		0.00500		85.6	50.0-150.0	



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QUALITY CONTROL RESULTS

Job Number.: 332144

Report Date.: 04/05/2007

CUSTOMER: Pastor, Behling & Wheeler, LLC

PROJECT: UPRR-HWPW-1358

ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
CH3	Standard check for ICAP	MS03130713			03/24/2007	0939

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	2.00650		2.00		100.3	95.0-105.0	
Barium (Ba)	2.00378		2.00		100.2	95.0-105.0	
Cadmium (Cd)	1.00298		1.00		100.3	95.0-105.0	
Chromium (Cr)	2.01044		2.00		100.5	95.0-105.0	
Lead (Pb)	2.01053		2.00		100.5	95.0-105.0	
Selenium (Se)	2.01688		2.00		100.8	95.0-105.0	
Silver (Ag)	1.00127		1.00		100.1	95.0-105.0	

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
ICB	Initial Calibration Blank				03/24/2007	0946

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	0.00088						
Barium (Ba)	0.00007						
Cadmium (Cd)	-0.00009						
Chromium (Cr)	0.00001						
Lead (Pb)	-0.00027						
Selenium (Se)	0.00172						
Silver (Ag)	-0.00076						

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
ICV	Initial Calibration Verification	MS031707CC			03/24/2007	0942

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	0.50431		0.500		100.9	95.0-105.0	
Barium (Ba)	0.50032		0.500		100.1	95.0-105.0	
Cadmium (Cd)	0.50148		0.500		100.3	95.0-105.0	
Chromium (Cr)	0.50116		0.500		100.2	95.0-105.0	
Lead (Pb)	0.50079		0.500		100.2	95.0-105.0	
Selenium (Se)	0.50171		0.500		100.3	95.0-105.0	
Silver (Ag)	0.24761		0.25		99.0	95.0-105.0	

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
ISA	Interference Check Sample A	MS032207IA			03/24/2007	0953

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	0.00176		0.0				
Barium (Ba)	0.00157		0.0				
Cadmium (Cd)	-0.00089		0.0				
Chromium (Cr)	0.00130		0.0				
Lead (Pb)	-0.00956		0.0				
Selenium (Se)	0.00649		0.0				
Silver (Ag)	-0.00130		0.0				

QUALITY CONTROL RESULTS

Job Number.: 332144

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CUSTOMER: Pastor, Behling & Wheeler, LLC

PROJECT: UPRR-HWPW-1358

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QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
ISA	Interference Check Sample A	MS0322071A			03/24/2007	1406

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	-0.00035		0.0				
Barium (Ba)	0.00135		0.0				
Cadmium (Cd)	-0.00162		0.0				
Chromium (Cr)	0.00127		0.0				
Lead (Pb)	-0.00803		0.0				
Selenium (Se)	0.01317		0.0				
Silver (Ag)	-0.00143		0.0				

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
ISB	Interference Check Sample B	MS0322071B			03/24/2007	0957

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	1.01569		1.00		101.6	80.0-120.0	
Barium (Ba)	1.05109		1.00		105.1	80.0-120.0	
Cadmium (Cd)	0.47132		0.500		94.3	80.0-120.0	
Chromium (Cr)	0.99089		1.00		99.1	80.0-120.0	
Lead (Pb)	0.97926		1.00		97.9	80.0-120.0	
Selenium (Se)	1.02098		1.00		102.1	80.0-120.0	
Silver (Ag)	0.54348		0.500		108.7	80.0-120.0	

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
ISB	Interference Check Sample B	MS0322071B			03/24/2007	1410

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	1.01244		1.00		101.2	80.0-120.0	
Barium (Ba)	1.05326		1.00		105.3	80.0-120.0	
Cadmium (Cd)	0.46812		0.500		93.6	80.0-120.0	
Chromium (Cr)	0.99674		1.00		99.7	80.0-120.0	
Lead (Pb)	0.98259		1.00		98.3	80.0-120.0	
Selenium (Se)	1.02960		1.00		103.0	80.0-120.0	
Silver (Ag)	0.54079		0.500		108.2	80.0-120.0	

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	MSPIKE3	173912		03/24/2007	1224

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As), Water	1.05415		1.00		105.4	85.0-115.0	
Barium (Ba), Water	1.06467		1.00		106.5	85.0-115.0	
Cadmium (Cd), Water	0.53105		0.500		106.2	85.0-115.0	
Chromium (Cr), Water	1.06467		1.00		106.5	85.0-115.0	
Lead (Pb), Water	1.05864		1.00		105.9	85.0-115.0	
Selenium (Se), Water	1.05609		1.00		105.6	85.0-115.0	
Silver (Ag), Water	0.52449		0.500		104.9	85.0-115.0	

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QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCSS	Soil lab control for metals	MSLCSS4	174103		03/24/2007	1012

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As), Solid	1.06649		1.11		96.1	80-120	
Barium (Ba), Solid	1.85118		1.95		94.9	82-118	
Cadmium (Cd), Solid	1.08774		1.1		98.9	82-118	
Chromium (Cr), Solid	1.53638		1.54		99.8	79-121	
Lead (Pb), Solid	1.55791		1.58		98.6	80-120	
Selenium (Se), Solid	0.90957		.944		96.4	76-124	
Silver (Ag), Solid	1.04736		1.02		102.7	61-139	

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MD	Method Duplicate		332144-2		03/24/2007	1034

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As), Soil	0.01948	0.02226		0.02226	0.00278	0.02000	
Barium (Ba), Soil	0.67233	0.67814		0.67814	0.9	20	
Cadmium (Cd), Soil	0.00032	0.00026		0.00026	0.00006	0.00500	
Chromium (Cr), Soil	0.11501	0.09830		0.09830	15.7	20	
Lead (Pb), Soil	0.10254	0.12316		0.12316	18.3	20	
Selenium (Se), Soil	0.00298	0.00177		0.00177	0.00121	0.04000	
Silver (Ag), Soil	-0.00170	-0.00062		-0.00062	0.00108	0.01000	

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MD	Method Duplicate		332163-1		03/24/2007	1056

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As), Soil	0.03699	0.03694		0.03694	0.00005	0.02000	
Barium (Ba), Soil	2.42362	2.60623		2.60623	7.3	20	
Cadmium (Cd), Soil	-0.00045	-0.00007		-0.00007	0.00038	0.00500	
Chromium (Cr), Soil	0.09030	0.08931		0.08931	1.1	20	
Lead (Pb), Soil	0.08187	0.08532		0.08532	4.1	20	
Selenium (Se), Soil	0.00498	0.00418		0.00418	0.00080	0.04000	
Silver (Ag), Soil	-0.00217	-0.00230		-0.00230	0.00013	0.01000	

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MD	Method Duplicate		332133-1		03/24/2007	1311

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As), Water	0.00156	0.00242		0.00242	0.00086	0.02000	
Barium (Ba), Water	0.07690	0.07888		0.07888	0.00198	0.02000	
Cadmium (Cd), Water	-0.00003	-0.00010		-0.00010	0.00007	0.00500	
Chromium (Cr), Water	0.00175	0.00196		0.00196	0.00021	0.01000	
Lead (Pb), Water	0.02782	0.02959		0.02959	0.00177	0.01000	
Selenium (Se), Water	0.00105	-0.00114		-0.00114	0.00219	0.04000	
Silver (Ag), Water	-0.00074	-0.00054		-0.00054	0.00020	0.01000	

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CUSTOMER: Pastor, Behling & Wheeler, LLC

PROJECT: UPRR-HWPW-1358

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QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MS	Matrix Spike	MSPIKE3	332144-2		03/24/2007	1037

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As), Soil	0.86849		1.00	0.02226	84.6	75-125	
Barium (Ba), Soil	2.01606		1.00	0.67814	133.8	75-125	a
Cadmium (Cd), Soil	0.41355		0.500	0.00026	82.7	75-125	
Chromium (Cr), Soil	1.01621		1.00	0.09830	91.8	75-125	
Lead (Pb), Soil	0.95733		1.00	0.12316	83.4	75-125	
Selenium (Se), Soil	0.83638		1.00	0.00177	83.5	75-125	
Silver (Ag), Soil	0.45257		0.500	-0.00062	90.6	75-125	

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MS	Matrix Spike	MSPIKE3	332163-1		03/24/2007	1059

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As), Soil	0.79534		1.00	0.03694	75.8	75-125	
Barium (Ba), Soil	3.45462		1.00	2.60623	84.8	75-125	
Cadmium (Cd), Soil	0.38802		0.500	-0.00007	77.6	75-125	
Chromium (Cr), Soil	0.88393		1.00	0.08931	79.5	75-125	
Lead (Pb), Soil	0.87339		1.00	0.08532	78.8	75-125	
Selenium (Se), Soil	0.74138		1.00	0.00418	73.7	75-125	a
Silver (Ag), Soil	0.41137		0.500	-0.00230	82.7	75-125	

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MS	Matrix Spike	MSPIKE3	332133-1		03/24/2007	1315

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As), Water	0.88824		1.00	0.00242	88.6	75-125	
Barium (Ba), Water	0.94579		1.00	0.07888	86.7	75-125	
Cadmium (Cd), Water	0.43062		0.500	-0.00010	86.1	75-125	
Chromium (Cr), Water	0.86098		1.00	0.00196	85.9	75-125	
Lead (Pb), Water	0.92627		1.00	0.02959	89.7	75-125	
Selenium (Se), Water	0.91119		1.00	-0.00114	91.2	75-125	
Silver (Ag), Water	0.45750		0.500	-0.00054	91.6	75-125	

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MSD	Matrix Spike Duplicate	MSPIKE3	332144-2		03/24/2007	1041

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As), Soil	0.89754	0.86849	1.00	0.02226	87.5 3.4	75-125 20	
Barium (Ba), Soil	3.00080	2.01606	1.00	0.67814	232.3 53.8	75-125 20	a C
Cadmium (Cd), Soil	0.42599	0.41355	0.500	0.00026	85.1 2.9	75-125 20	
Chromium (Cr), Soil	1.06335	1.01621	1.00	0.09830	96.5 5.0	75-125 20	
Lead (Pb), Soil	1.00075	0.95733	1.00	0.12316	87.8 5.1	75-125 20	
Selenium (Se), Soil	0.85994	0.83638	1.00	0.00177	85.8 2.7	75-125 20	
Silver (Ag), Soil	0.46434	0.45257	0.500	-0.00062	93.0 2.6	75-125 20	

QUALITY CONTROL RESULTS

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Report Date.: 04/05/2007

CUSTOMER: Pastor, Behling & Wheeler, LLC

PROJECT: UPRR-HWPW-1358

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QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MSD	Matrix Spike Duplicate	MSPIKE3	332163-1		03/24/2007	1103

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As), Soil	0.83113	0.79534	1.00	0.03694	79.4 4.6	75-125 20	
Barium (Ba), Soil	5.17490	3.45462	1.00	2.60623	256.9 100.7	75-125 20	a c
Cadmium (Cd), Soil	0.40176	0.38802	0.500	-0.00007	80.4 3.5	75-125 20	
Chromium (Cr), Soil	0.93533	0.88393	1.00	0.08931	84.6 6.2	75-125 20	
Lead (Pb), Soil	0.93494	0.87339	1.00	0.08532	85.0 7.6	75-125 20	
Selenium (Se), Soil	0.77223	0.74138	1.00	0.00418	76.8 4.1	75-125 20	
Silver (Ag), Soil	0.42548	0.41137	0.500	-0.00230	85.6 3.4	75-125 20	

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As), Water	1.06316	0.88824	1.00	0.00242	106.1 18.0	75-125 20	
Barium (Ba), Water	1.14415	0.94579	1.00	0.07888	106.5 20.5	75-125 20	c
Cadmium (Cd), Water	0.51255	0.43062	0.500	-0.00010	102.5 17.4	75-125 20	
Chromium (Cr), Water	1.04240	0.86098	1.00	0.00196	104.0 19.1	75-125 20	
Lead (Pb), Water	1.09582	0.92627	1.00	0.02959	106.6 17.2	75-125 20	
Selenium (Se), Water	1.08623	0.91119	1.00	-0.00114	108.7 17.5	75-125 20	
Silver (Ag), Water	0.53948	0.45750	0.500	-0.00054	108.0 16.4	75-125 20	

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As), Solid	0.00216						
Barium (Ba), Solid	0.00156						
Cadmium (Cd), Solid	-0.00007						
Chromium (Cr), Solid	0.00044						
Lead (Pb), Solid	0.00005						
Selenium (Se), Solid	-0.00035						
Silver (Ag), Solid	-0.00053						



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CUSTOMER: Pastor, Behling & Wheeler, LLC		PROJECT: UPRR-HWPW-1358		ATTN:	
QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date Time

PB	Prep. Blank		173912		03/24/2007 1220
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As), Water	0.00147						
Barium (Ba), Water	-0.00063						
Cadmium (Cd), Water	-0.00008						
Chromium (Cr), Water	0.00032						
Lead (Pb), Water	0.00013						
Selenium (Se), Water	-0.00123						
Silver (Ag), Water	-0.00030						

PDS	Post Digestion Spike	MSPIKE3	332163-1		03/24/2007 1205
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As), Soil	0.92424		1.00	0.03694	88.7	75-125	
Barium (Ba), Soil	3.53872		1.00	2.60623	93.2	75-125	
Cadmium (Cd), Soil	0.42573		0.500	-0.00007	85.2	75-125	
Chromium (Cr), Soil	0.97321		1.00	0.08931	88.4	75-125	
Lead (Pb), Soil	0.96469		1.00	0.08532	87.9	75-125	
Selenium (Se), Soil	0.88366		1.00	0.00418	87.9	75-125	
Silver (Ag), Soil	0.45503		0.500	-0.00230	91.5	75-125	

PDS	Post Digestion Spike	MSPIKE3	332133-1		03/24/2007 1348
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As), Water	1.00385		1.00	0.00242	100.1	75-125	
Barium (Ba), Water	1.08768		1.00	0.07888	100.9	75-125	
Cadmium (Cd), Water	0.48169		0.500	-0.00010	96.4	75-125	
Chromium (Cr), Water	0.99018		1.00	0.00196	98.8	75-125	
Lead (Pb), Water	1.03590		1.00	0.02959	100.6	75-125	
Selenium (Se), Water	1.03106		1.00	-0.00114	103.2	75-125	
Silver (Ag), Water	0.50535		0.500	-0.00054	101.2	75-125	

SO	Calibration Blank				03/24/2007 0931
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	-0.00154						
Barium (Ba)	0.00735						
Cadmium (Cd)	0.00249						
Chromium (Cr)	0.00031						
Silver (Ag)	0.00015						

SD	Serial Dilution		332163-1	5	03/24/2007 1209
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As), Soil	0.00985			0.03694	33.3		
Barium (Ba), Soil	0.56220			2.60623	7.9	10.0	
Cadmium (Cd), Soil	-0.00018			-0.00007			
Chromium (Cr), Soil	0.02008			0.08931	12.4	10.0	e

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QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date Time

SD	Serial Dilution		332163-1	5	03/24/2007 1209
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Lead (Pb), Soil	0.01908			0.08532	11.8	10.0	e
Selenium (Se), Soil	-0.00007			0.00418			
Silver (Ag), Soil	-0.00110			-0.00230			

SD	Serial Dilution		332133-1	5	03/24/2007 1352
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As), Water	0.00275			0.00242			
Barium (Ba), Water	0.01626			0.07888	3.1		
Cadmium (Cd), Water	-0.00001			-0.00010			
Chromium (Cr), Water	0.00067			0.00196	70.9		
Lead (Pb), Water	0.00630			0.02959	6.5		
Selenium (Se), Water	0.00330			-0.00114			
Silver (Ag), Water	-0.00073			-0.00054			

STD	Spiked Blank Duplicate				03/24/2007 0935
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Arsenic (As)	1.82633						
Barium (Ba)	13.58851						
Cadmium (Cd)	16.35951						
Chromium (Cr)	2.32942						
Silver (Ag)	0.88387						

Test Method.....: TNRCC 1005	Units.....: mg/L	Analyst....: maz
Method Description.: Direct Analytical TPH Method TX 1005	Batch(s)....: 174137 174139	

LCD	Laboratory Control Sample Duplicate	GCL030907	174021-1		03/22/2007 1647
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Petroleum Hydrocarbons C6 - C12, Water	347.072	371.807	333.333333	ND	104.1	75-125	
					6.9	20	
Petroleum Hydrocarbons C12 - C28, Water	336.363	377.343	333.333333	ND	100.9	75-125	
					11.5	20	
Petroleum Hydrocarbons C6 - C35, Water	683.436	749.150	666.666667	ND	102.5	75-125	
					9.2	20	

LCS	Laboratory Control Sample	GCL030907	174021-1		03/22/2007 1611
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Petroleum Hydrocarbons C6 - C12, Water	371.807		333.333333	ND	111.5	75-125	
Petroleum Hydrocarbons C12 - C28, Water	377.343		333.333333	ND	113.2	75-125	
Petroleum Hydrocarbons C6 - C35, Water	749.150		666.666667	ND	112.4	75-125	

QUALITY CONTROL RESULTS

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Report Date.: 04/05/2007

CUSTOMER: Pastor, Behling & Wheeler, LLC		PROJECT: UPRR-HWPW-1358		ATTN:	
QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date Time

MB	Method Blank	GCD31407	174021-1		03/22/2007 1536
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Petroleum Hydrocarbons C6 - C12, Water	ND						
Petroleum Hydrocarbons C12 - C28, Water	ND						
Petroleum Hydrocarbons C28 - C35, Water	ND						
Petroleum Hydrocarbons C6 - C35, Water	ND						

SB	Spiked Blank	GCS030907	174021-1		03/22/2007 1722
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Petroleum Hydrocarbons C6 - C12, Water	324.934		333.333333	ND	97.5	75-125	
Petroleum Hydrocarbons C12 - C28, Water	357.981		333.333333	ND	107.4	75-125	
Petroleum Hydrocarbons C6 - C35, Water	682.914		666.666667	ND	102.4	75-125	

SBD	Spiked Blank Duplicate	GCS030907	174021-1		03/22/2007 1757
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Petroleum Hydrocarbons C6 - C12, Water	306.734	324.934	333.333333	ND	92.0 5.8	75-125 20	
Petroleum Hydrocarbons C12 - C28, Water	337.449	357.981	333.333333	ND	101.2 5.9	75-125 20	
Petroleum Hydrocarbons C6 - C35, Water	644.183	682.914	666.666667	ND	96.6 5.8	75-125 20	

LCD	Laboratory Control Sample Duplicate	GCL030907	174035-1		03/22/2007 1647
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Petroleum Hydrocarbons C6 - C12, Soil	252.226	253.278	250.000000	ND	100.9 0.4	75-125 20	
Petroleum Hydrocarbons C12 - C28, Soil	274.957	282.559	250.000000	ND	110.0 2.7	75-125 20	
Petroleum Hydrocarbons C6 - C35, Soil	527.182	535.836	500.000000	ND	105.4 1.6	75-125 20	

LCS	Laboratory Control Sample	GCL030907	174035-1		03/22/2007 1611
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Petroleum Hydrocarbons C6 - C12, Soil	253.278		250.000000	ND	101.3	75-125	
Petroleum Hydrocarbons C12 - C28, Soil	282.559		250.000000	ND	113.0	75-125	
Petroleum Hydrocarbons C6 - C35, Soil	535.836		500.000000	ND	107.2	75-125	

QUALITY CONTROL RESULTS

Job Number.: 332144

Report Date.: 04/05/2007

CUSTOMER: Pastor, Behling & Wheeler, LLC

PROJECT: UPRR-HWPW-1358

ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank	GC031407	174035-1		03/22/2007	1536

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Petroleum Hydrocarbons C6 - C12, Soil	ND						
Petroleum Hydrocarbons C12 - C28, Soil	ND						
Petroleum Hydrocarbons C28 - C35, Soil	ND						
Petroleum Hydrocarbons C6 - C35, Soil	ND						

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Petroleum Hydrocarbons C6 - C12, Soil	200.162		250.000000	ND	80	75-125	
Petroleum Hydrocarbons C12 - C28, Soil	220.782		250.000000	ND	88	75-125	
Petroleum Hydrocarbons C6 - C35, Soil	420.945		500.000000	ND	84	75-125	

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Petroleum Hydrocarbons C6 - C12, Soil	196.386	200.162	250.000000	ND	79 1.9	75-125 20.0	
Petroleum Hydrocarbons C12 - C28, Soil	218.732	220.782	250.000000	ND	87 0.9	75-125 20.0	
Petroleum Hydrocarbons C6 - C35, Soil	415.118	420.945	500.000000	ND	83 1.4	75-125 20.0	

Test Method.....: SW-846 8270C	Units.....: ug/L	Analyst....: dry
Method Description.: Semivolatile Organics, Low Level	Batch(s)....: 174244 174250	

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Acenaphthene, Soil	6.76427		10.0	0	67.6	50-107	
Acenaphthylene, Soil	6.96067		10.0	0	69.6	47-110	
Anthracene, Soil	7.03303		10.0	0	70.3	63-141	
Benzo(a)anthracene, Soil	7.19691		10.0	0	72.0	52-110	
Benzo(b)fluoranthene, Soil	7.25436		10.0	0	72.5	47-136	
Benzo(k)fluoranthene, Soil	7.09521		10.0	0	71.0	46-125	
Benzo(ghi)perylene, Soil	7.31907		10.0	0	73.2	47-141	
Benzo(a)pyrene, Soil	7.11980		10.0	0	71.2	53-109	
Butyl Benzyl Phthalate, Soil	7.18386		10.0	0	71.8	52-138	
bis(2-chloroethoxy)methane, Soil	6.78391		10.0	0	67.8	62-110	
bis(2-Chloroethyl)ether, Soil	6.77399		10.0	0	67.7	45-116	
bis(2-chloroisopropyl)ether, Soil	7.37916		10.0	0	73.8	44-128	
bis(2-ethylhexyl)phthalate, Soil	10.3349		10.0	0	103.3	55-133	
4-Bromophenyl Phenyl Ether, Soil	7.23502		10.0	0	72.4	52-120	
4-Chloroaniline, Soil	3.46673		10.0	0	34.7	10-92	
2-Chloronaphthalene, Soil	6.42822		10.0	0	64.3	44-107	
4-Chlorophenyl Phenyl Ether, Soil	7.03945		10.0	0	70.4	64-109	
Chrysene, Soil	6.96430		10.0	0	69.6	61-134	
Dibenzo(a,h)anthracene, Soil	8.01569		10.0	0	80.2	48-122	

QUALITY CONTROL RESULTS

Job Number.: 332144

Report Date.: 04/05/2007

CUSTOMER: Pastor, Behling & Wheeler, LLC

PROJECT: UPRR-HWPW-1358

ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	SVS021607A	173999		03/23/2007	1337

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Dibenzofuran, Soil	6.84555		10.0	0	68.5	47-120	
1,2-Dichlorobenzene, Soil	6.50832		10.0	0	65.1	52-123	
1,3-Dichlorobenzene, Soil	6.79001		10.0	0	67.9	46-119	
1,4-Dichlorobenzene, Soil	5.97667		10.0	0	59.8	55-114	
Diethyl Phthalate, Soil	7.22528		10.0	0	72.3	58-129	
Dimethyl Phthalate, Soil	7.30090		10.0	0	73.0	60-124	
Di-n-butyl Phthalate, Soil	7.55411		10.0	0	75.5	61-134	
Di-n-octyl Phthalate, Soil	7.00997		10.0	0	70.1	62-141	
2,4-Dinitrotoluene, Soil	7.18856		10.0	0	71.9	53-115	
2,6-Dinitrotoluene, Soil	7.00079		10.0	0	70.0	55-114	
Fluoranthene, Soil	7.82496		10.0	0	78.2	56-119	
Fluorene, Soil	6.95268		10.0	0	69.5	52-122	
Hexachlorobenzene, Soil	7.16632		10.0	0	71.7	64-117	
Hexachlorobutadiene, Soil	6.80914		10.0	0	68.1	57-135	
Hexachlorocyclopentadiene, Soil	6.50306		10.0	0	65.0	14-108	
Hexachloroethane, Soil	6.85717		10.0	0	68.6	49-128	
Indeno(1,2,3-cd)pyrene, Soil	8.41097		10.0	0	84.1	41-119	
Isophorone, Soil	7.66323		10.0	0	76.6	52-115	
2-Methylnaphthalene, Soil	7.12865		10.0	0	71.3	58-138	
Naphthalene, Soil	7.37637		10.0	0	73.8	61-119	
Nitrobenzene, Soil	6.44456		10.0	0	64.4	51-105	
n-Nitrosodi-n-propylamine, Soil	7.75746		10.0	0	77.6	56-122	
n-Nitrosodiphenylamine, Soil	5.88266		10.0	0	58.8	41-114	
Phenanthrene, Soil	7.02329		10.0	0	70.2	54-109	
Pyrene, Soil	6.84973		10.0	0	68.5	61-141	
1,2,4-Trichlorobenzene, Soil	6.62620		10.0	0	66.3	53-118	
4-Chloro-3-methylphenol, Soil	7.84902		10.0	0	78.5	60-116	
2-Chlorophenol, Soil	6.53907		10.0	0	65.4	41-138	
2,4-Dichlorophenol, Soil	7.42596		10.0	0	74.3	56-113	
2,4-Dimethylphenol, Soil	6.99721		10.0	0	70.0	17-127	
2,4-Dinitrophenol, Soil	8.47464		10.0	0	84.7	10-105	
2-Methyl-4,6-dinitrophenol, Soil	8.12538		10.0	0	81.3	10-130	
2-Methylphenol (o-Cresol), Soil	6.46985		10.0	0	64.7	57-128	
4-Methylphenol (p-Cresol), Soil	6.82412		10.0	0	68.2	47-124	
2-Nitrophenol, Soil	6.93891		10.0	0	69.4	56-126	
4-Nitrophenol, Soil	7.87238		10.0	0	78.7	17-137	
Pentachlorophenol, Soil	7.69826		10.0	0	77.0	10-144	
Phenol, Soil	6.89974		10.0	0	69.0	48-129	
2,4,5-Trichlorophenol, Soil	7.14453		10.0	0	71.4	46-112	
2,4,6-Trichlorophenol, Soil	7.01559		10.0	0	70.2	48-110	
2-Nitroaniline, Soil	7.05105		10.0	0	70.5	42-115	
3-Nitroaniline, Soil	5.34808		10.0	0	53.5	18-126	
4-Nitroaniline, Soil	7.41085		10.0	0	74.1	26-168	
Carbazole, Soil	8.38066		10.0	0	83.8	10-153	
3,3'-Dichlorobenzidine, Soil	4.14368		10.0	0	41.4	10-262	

QUALITY CONTROL RESULTS

Job Number.: 332144

Report Date.: 04/05/2007

CUSTOMER: Pastor, Behling & Wheeler, LLC

PROJECT: UPRR-HWPW-1358

ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank	SVS020707A	173999		03/23/2007	1309

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Acenaphthene, Soil	0						
Acenaphthylene, Soil	0						
Anthracene, Soil	0						
Benzo(a)anthracene, Soil	0						
Benzo(b)fluoranthene, Soil	0						
Benzo(k)fluoranthene, Soil	0						
Benzo(ghi)perylene, Soil	0						
Benzo(a)pyrene, Soil	0						
Butyl Benzyl Phthalate, Soil	0						
bis(2-chloroethoxy)methane, Soil	0						
bis(2-Chloroethyl)ether, Soil	0						
bis(2-chloroisopropyl)ether, Soil	0						
bis(2-ethylhexyl)phthalate, Soil	0						
4-Bromophenyl Phenyl Ether, Soil	0						
4-Chloroaniline, Soil	0						
2-Chloronaphthalene, Soil	0						
4-Chlorophenyl Phenyl Ether, Soil	0						
Chrysene, Soil	0						
Dibenzo(a,h)anthracene, Soil	0						
Dibenzofuran, Soil	0						
1,2-Dichlorobenzene, Soil	0						
1,3-Dichlorobenzene, Soil	0						
1,4-Dichlorobenzene, Soil	0						
Diethyl Phthalate, Soil	0						
Dimethyl Phthalate, Soil	0						
Di-n-butyl Phthalate, Soil	0						
Di-n-octyl Phthalate, Soil	0						
2,4-Dinitrotoluene, Soil	0						
2,6-Dinitrotoluene, Soil	0						
Fluoranthene, Soil	0						
Fluorene, Soil	0						
Hexachlorobenzene, Soil	0						
Hexachlorobutadiene, Soil	0						
Hexachlorocyclopentadiene, Soil	0						
Hexachloroethane, Soil	0						
Indeno(1,2,3-cd)pyrene, Soil	0						
Isophorone, Soil	0						
2-Methylnaphthalene, Soil	0						
Naphthalene, Soil	0						
Nitrobenzene, Soil	0						
n-Nitrosodi-n-propylamine, Soil	0						
n-Nitrosodiphenylamine, Soil	0						
Phenanthrene, Soil	0						
Pyrene, Soil	0						
1,2,4-Trichlorobenzene, Soil	0						
4-Chloro-3-methylphenol, Soil	0						
2-Chlorophenol, Soil	0						
2,4-Dichlorophenol, Soil	0						
2,4-Dimethylphenol, Soil	0						
2,4-Dinitrophenol, Soil	0						
2-Methyl-4,6-dinitrophenol, Soil	0						
2-Methylphenol (o-Cresol), Soil	0						
4-Methylphenol (p-Cresol), Soil	0						
2-Nitrophenol, Soil	0						

QUALITY CONTROL RESULTS

Job Number.: 332144

Report Date.: 04/05/2007

CUSTOMER: Pastor, Behling & Wheeler, LLC

PROJECT: UPRR-HWPW-1358

ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank	SVS020707A	173999		03/23/2007	1309

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
4-Nitrophenol, Soil	0						
Pentachlorophenol, Soil	0						
Phenol, Soil	0						
2,4,5-Trichlorophenol, Soil	0						
2,4,6-Trichlorophenol, Soil	0						
2-Nitroaniline, Soil	0						
3-Nitroaniline, Soil	0						
4-Nitroaniline, Soil	0						
Carbazole, Soil	0						
3,3'-Dichlorobenzidine, Soil	0						

MS	Matrix Spike	SVS021607A	332144-2			03/23/2007	1434
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Acenaphthene, Soil	12.8194		10.0	5.64103	72	31-137	
Acenaphthylene, Soil	7.00532		10.0	0	70	30-130	
Anthracene, Soil	16.8959		10.0	8.64072	83	30-130	
Benzo(a)anthracene, Soil	11.2272		10.0	4.25538	70	30-130	
Benzo(b)fluoranthene, Soil	9.01462		10.0	2.79823	62	30-130	
Benzo(k)fluoranthene, Soil	8.22855		10.0	1.12078	71	30-130	
Benzo(ghi)perylene, Soil	8.06321		10.0	0.68598	74	30-130	
Benzo(a)pyrene, Soil	8.49642		10.0	1.47110	70	30-130	
Butyl Benzyl Phthalate, Soil	7.53540		10.0	0	75	30-130	
bis(2-chloroethoxy)methane, Soil	6.70707		10.0	0	67	30-130	
bis(2-Chloroethyl)ether, Soil	7.05319		10.0	0	71	30-130	
bis(2-chloroisopropyl)ether, Soil	7.07986		10.0	0	71	30-130	
bis(2-ethylhexyl)phthalate, Soil	10.8004		10.0	0.76412	100	30-130	
4-Bromophenyl Phenyl Ether, Soil	7.12758		10.0	0	71	30-130	
4-Chloroaniline, Soil	5.57884		10.0	0	56	30-130	
2-Chloronaphthalene, Soil	6.38514		10.0	0	64	30-130	
4-Chlorophenyl Phenyl Ether, Soil	6.97110		10.0	0	70	30-130	
Chrysene, Soil	11.7010		10.0	4.54342	72	30-130	
Dibenzo(a,h)anthracene, Soil	8.30104		10.0	0	83	30-130	
Dibenzofuran, Soil	12.3895		10.0	6.51179	59	30-130	
1,2-Dichlorobenzene, Soil	6.57324		10.0	0	66	30-130	
1,3-Dichlorobenzene, Soil	6.60496		10.0	0	66	30-130	
1,4-Dichlorobenzene, Soil	6.49348		10.0	0	65	28-104	
Diethyl Phthalate, Soil	7.16055		10.0	0	72	30-130	
Dimethyl Phthalate, Soil	7.16462		10.0	0	72	30-130	
Di-n-butyl Phthalate, Soil	7.83432		10.0	0.35922	75	30-130	
Di-n-octyl Phthalate, Soil	10.2961		10.0	4.89678	54	30-130	
2,4-Dinitrotoluene, Soil	7.10670		10.0	0	71	28-89	
2,6-Dinitrotoluene, Soil	6.83279		10.0	0	68	30-130	
Fluoranthene, Soil	35.3591		10.0	28.9887	64	30-130	
Fluorene, Soil	15.2641		10.0	7.79487	75	30-130	
Hexachlorobenzene, Soil	7.16410		10.0	0	72	30-130	
Hexachlorobutadiene, Soil	6.83832		10.0	0	68	30-130	
Hexachlorocyclopentadiene, Soil	4.67755		10.0	0	47	30-130	
Hexachloroethane, Soil	6.51914		10.0	0	65	30-130	
Indeno(1,2,3-cd)pyrene, Soil	11.6522		10.0	1.18641	105	30-130	
Isophorone, Soil	7.46151		10.0	0	75	30-130	
2-Methylnaphthalene, Soil	8.81499		10.0	1.51878	73	30-130	

QUALITY CONTROL RESULTS

Job Number.: 332144

Report Date.: 04/05/2007

CUSTOMER: Pastor, Behling & Wheeler, LLC

PROJECT: UPRR-HWPW-1358

ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MS	Matrix Spike	SVS021607A	332144-2		03/23/2007	1434

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Naphthalene, Soil	7.51603		10.0	0.89804	66	30-130	
Nitrobenzene, Soil	6.36209		10.0	0	64	30-130	
n-Nitrosodi-n-propylamine, Soil	7.52891		10.0	0	75	41-126	
n-Nitrosodiphenylamine, Soil	6.26043		10.0	0	63	30-130	
Phenanthrene, Soil	45.3687		10.0	40.2158	52	30-130	
Pyrene, Soil	22.1632		10.0	16.3458	58	35-142	
1,2,4-Trichlorobenzene, Soil	6.41941		10.0	0	64	38-107	
4-Chloro-3-methylphenol, Soil	8.09644		10.0	0	81	26-103	
2-Chlorophenol, Soil	6.54671		10.0	0	65	25-102	
2,4-Dichlorophenol, Soil	7.22122		10.0	0	72	30-130	
2,4-Dimethylphenol, Soil	6.62228		10.0	0	66	30-130	
2,4-Dinitrophenol, Soil	1.68381		10.0	0	17	30-130	A
2-Methyl-4,6-dinitrophenol, Soil	2.86962		10.0	0	29	30-130	A
2-Methylphenol (o-Cresol), Soil	6.29515		10.0	0	63	30-130	
4-Methylphenol (p-Cresol), Soil	6.57942		10.0	0	66	30-130	
2-Nitrophenol, Soil	6.67712		10.0	0	67	30-130	
4-Nitrophenol, Soil	5.12728		10.0	0	51	11-114	
Pentachlorophenol, Soil	1.64262		10.0	0	16	10-109	
Phenol, Soil	6.93392		10.0	0	69	26-90	
2,4,5-Trichlorophenol, Soil	6.48112		10.0	0	65	30-130	
2,4,6-Trichlorophenol, Soil	4.61429		10.0	0	46	30-130	
2-Nitroaniline, Soil	7.02977		10.0	0	70	30-130	
3-Nitroaniline, Soil	7.37234		10.0	0	74	30-130	
4-Nitroaniline, Soil	8.01300		10.0	0	80	30-130	
Carbazole, Soil	19.1072		10.0	4.55245	146	30-130	A
3,3'-Dichlorobenzidine, Soil	7.39584		10.0	0	74	30-150	

MSD	Matrix Spike Duplicate	SVS021607A	332144-2			03/23/2007	1503
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Acenaphthene, Soil	12.8908	12.8194	10.0	5.64103	72	31-137	
					0.6	19.0	
Acenaphthylene, Soil	7.39602	7.00532	10.0	0	74	30-130	
					5.4	50.0	
Anthracene, Soil	15.3782	16.8959	10.0	8.64072	67	30-130	
					9.4	50.0	
Benzo(a)anthracene, Soil	12.4154	11.2272	10.0	4.25538	82	30-130	
					10.1	50.0	
Benzo(b)fluoranthene, Soil	10.3108	9.01462	10.0	2.79823	75	30-130	
					13.4	50.0	
Benzo(k)fluoranthene, Soil	9.24967	8.22855	10.0	1.12078	81	30-130	
					11.7	50.0	
Benzo(ghi)perylene, Soil	8.13401	8.06321	10.0	0.68598	74	30-130	
					0.9	50.0	
Benzo(a)pyrene, Soil	8.80621	8.49642	10.0	1.47110	73	30-130	
					3.6	50.0	
Butyl Benzyl Phthalate, Soil	7.54383	7.53540	10.0	0	75	30-130	
					0.1	50.0	
bis(2-chloroethoxy)methane, Soil	6.97446	6.70707	10.0	0	70	30-130	
					3.9	50.0	
bis(2-Chloroethyl)ether, Soil	6.55500	7.05319	10.0	0	66	30-130	
					7.3	50.0	

QUALITY CONTROL RESULTS

Job Number.: 332144

Report Date.: 04/05/2007

CUSTOMER: Pastor, Behling & Wheeler, LLC

PROJECT: UPRR-HWPW-1358

ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MSD	Matrix Spike Duplicate	SVS021607A	332144-2		03/23/2007	1503

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
bis(2-chloroisopropyl)ether, Soil	6.93273	7.07986	10.0	0	69	30-130	
					2.1	50.0	
bis(2-ethylhexyl)phthalate, Soil	10.5166	10.8004	10.0	0.76412	98	30-130	
					2.7	50.0	
4-Bromophenyl Phenyl Ether, Soil	7.49990	7.12758	10.0	0	75	30-130	
					5.1	50.0	
4-Chloroaniline, Soil	5.70150	5.57884	10.0	0	57	30-130	
					2.2	50.0	
2-Chloronaphthalene, Soil	6.70336	6.38514	10.0	0	67	30-130	
					4.9	50.0	
4-Chlorophenyl Phenyl Ether, Soil	7.26925	6.97110	10.0	0	73	30-130	
					4.2	50.0	
Chrysene, Soil	12.2115	11.7010	10.0	4.54342	77	30-130	
					4.3	50.0	
Dibenzo(a,h)anthracene, Soil	8.35285	8.30104	10.0	0	84	30-130	
					0.6	50.0	
Dibenzofuran, Soil	13.1470	12.3895	10.0	6.51179	66	30-130	
					5.9	50.0	
1,2-Dichlorobenzene, Soil	6.41874	6.57324	10.0	0	64	30-130	
					2.4	50.0	
1,3-Dichlorobenzene, Soil	6.50436	6.60496	10.0	0	65	30-130	
					1.5	50.0	
1,4-Dichlorobenzene, Soil	6.45002	6.49348	10.0	0	65	28-104	
					0.7	27.0	
Diethyl Phthalate, Soil	7.24242	7.16055	10.0	0	72	30-130	
					1.1	50.0	
Dimethyl Phthalate, Soil	7.46797	7.16462	10.0	0	75	30-130	
					4.1	50.0	
Di-n-butyl Phthalate, Soil	7.75392	7.83432	10.0	0.35922	74	30-130	
					1.0	50.0	
Di-n-octyl Phthalate, Soil	11.6712	10.2961	10.0	4.89678	68	30-130	
					12.5	50.0	
2,4-Dinitrotoluene, Soil	7.38762	7.10670	10.0	0	74	28-89	
					3.9	47.0	
2,6-Dinitrotoluene, Soil	6.98529	6.83279	10.0	0	70	30-130	
					2.2	50.0	
Fluoranthene, Soil	39.2041	35.3591	10.0	28.9887	102	30-130	
					10.3	50.0	
Fluorene, Soil	15.6529	15.2641	10.0	7.79487	79	30-130	
					2.5	50.0	
Hexachlorobenzene, Soil	7.49773	7.16410	10.0	0	75	30-130	
					4.6	50.0	
Hexachlorobutadiene, Soil	6.68714	6.83832	10.0	0	67	30-130	
					2.2	50.0	
Hexachlorocyclopentadiene, Soil	4.63523	4.67755	10.0	0	46	30-130	
					0.9	50.0	
Hexachloroethane, Soil	6.18409	6.51914	10.0	0	62	30-130	
					5.3	50.0	
Indeno(1,2,3-cd)pyrene, Soil	11.6545	11.6522	10.0	1.18641	105	30-130	
					0.0	50.0	
Isophorone, Soil	7.44823	7.46151	10.0	0	74	30-130	
					0.2	50.0	
2-Methylnaphthalene, Soil	8.63424	8.81499	10.0	1.51878	71	30-130	
					2.1	50.0	



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QUALITY CONTROL RESULTS

Job Number.: 332144

Report Date.: 04/05/2007

CUSTOMER: Pastor, Behling & Wheeler, LLC

PROJECT: UPRR-HWPW-1358

ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
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MSD	Matrix Spike Duplicate	SVS021607A	332144-2		03/23/2007	1503
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Naphthalene, Soil	7.50012	7.51603	10.0	0.89804	66 0.2	30-130 50.0	
Nitrobenzene, Soil	6.67563	6.36209	10.0	0	67 4.8	30-130 50.0	
n-Nitrosodi-n-propylamine, Soil	7.30389	7.52891	10.0	0	73 3.0	41-126 38.0	
n-Nitrosodiphenylamine, Soil	5.92606	6.26043	10.0	0	59 5.5	30-130 50.0	
Phenanthrene, Soil	49.0898	45.3687	10.0	40.2158	89 7.9	30-130 50.0	
Pyrene, Soil	24.3523	22.1632	10.0	16.3458	80 9.4	35-142 36.0	
1,2,4-Trichlorobenzene, Soil	6.71683	6.41941	10.0	0	67 4.5	38-107 23.0	
4-Chloro-3-methylphenol, Soil	8.29931	8.09644	10.0	0	83 2.5	26-103 33.0	
2-Chlorophenol, Soil	6.39107	6.54671	10.0	0	64 2.4	25-102 50.0	
2,4-Dichlorophenol, Soil	7.21207	7.22122	10.0	0	72 0.1	30-130 50.0	
2,4-Dimethylphenol, Soil	7.39552	6.62228	10.0	0	74 11.0	30-130 50.0	
2,4-Dinitrophenol, Soil	0	1.68381	10.0	0	0 200.0	30-130 50.0	A r
2-Methyl-4,6-dinitrophenol, Soil	2.96291	2.86962	10.0	0	30 3.2	30-130 50.0	
2-Methylphenol (o-Cresol), Soil	6.31098	6.29515	10.0	0	63 0.3	30-130 50.0	
4-Methylphenol (p-Cresol), Soil	6.49150	6.57942	10.0	0	65 1.3	30-130 50.0	
2-Nitrophenol, Soil	6.69079	6.67712	10.0	0	67 0.2	30-130 50.0	
4-Nitrophenol, Soil	3.97750	5.12728	10.0	0	40 25.3	11-114 50.0	
Pentachlorophenol, Soil	1.98144	1.64262	10.0	0	20 18.7	10-109 47.0	
Phenol, Soil	6.98904	6.93392	10.0	0	70 0.8	26-90 35.0	
2,4,5-Trichlorophenol, Soil	6.41469	6.48112	10.0	0	64 1.0	30-130 50.0	
2,4,6-Trichlorophenol, Soil	5.91386	4.61429	10.0	0	59 24.7	30-130 50.0	
2-Nitroaniline, Soil	7.61061	7.02977	10.0	0	76 7.9	30-130 50.0	
3-Nitroaniline, Soil	7.58393	7.37234	10.0	0	76 2.8	30-130 50.0	
4-Nitroaniline, Soil	6.99450	8.01300	10.0	0	70 13.6	30-130 50.0	
Carbazole, Soil	18.9527	19.1072	10.0	4.55245	144 0.8	30-130 50.0	A
3,3'-Dichlorobenzidine, Soil	8.50059	7.39584	10.0	0	85 13.9	30-150 50.0	

QUALITY CONTROL RESULTS

Job Number.: 332144

Report Date.: 04/05/2007

CUSTOMER: Pastor, Behling & Wheeler, LLC

PROJECT: UPRR-HWPW-1358

ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	SVS021607A	173973		03/23/2007	1600

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Acenaphthene, Water	6.96481		10.0	0	69.6	32-165	
Acenaphthylene, Water	7.27793		10.0	0	72.8	10-150	
Anthracene, Water	6.99531		10.0	0	70.0	23-178	
Benzo(a)anthracene, Water	7.25818		10.0	0	72.6	25-180	
Benzo(b)fluoranthene, Water	7.23573		10.0	0	72.4	24-175	
Benzo(k)fluoranthene, Water	7.02190		10.0	0	70.2	15-185	
Benzo(ghi)perylene, Water	7.45347		10.0	0	74.5	15-182	
Benzo(a)pyrene, Water	7.39862		10.0	0	74.0	19-182	
Butyl Benzyl Phthalate, Water	7.31142		10.0	0	73.1	23-171	
bis(2-chloroethoxy)methane, Water	7.07550		10.0	0	70.8	47-148	
bis(2-Chloroethyl)ether, Water	6.99143		10.0	0	69.9	13-154	
bis(2-chloroisopropyl)ether, Water	7.32929		10.0	0	73.3	20-154	
bis(2-ethylhexyl)phthalate, Water	10.3862		10.0	0	103.9	25-173	
4-Bromophenyl Phenyl Ether, Water	7.33469		10.0	0	73.3	28-121	
4-Chloroaniline, Water	6.44481		10.0	0	64.4	11-114	
2-Chloronaphthalene, Water	6.70538		10.0	0	67.1	23-143	
4-Chlorophenyl Phenyl Ether, Water	7.15785		10.0	0	71.6	46-120	
Chrysene, Water	7.25010		10.0	0	72.5	23-180	
Dibenzo(a,h)anthracene, Water	7.79795		10.0	0	78.0	12-178	
Dibenzofuran, Water	7.03346		10.0	0	70.3	35-153	
1,2-Dichlorobenzene, Water	6.87920		10.0	0	68.8	16-130	
1,3-Dichlorobenzene, Water	6.96384		10.0	0	69.6	25-105	
1,4-Dichlorobenzene, Water	6.87137		10.0	0	68.7	16-125	
Diethyl Phthalate, Water	7.22400		10.0	0	72.2	24-166	
Dimethyl Phthalate, Water	7.29974		10.0	0	73.0	70-116	
Di-n-butyl Phthalate, Water	7.68987		10.0	0	76.9	28-185	
Di-n-octyl Phthalate, Water	6.87610		10.0	0	68.8	21-176	
2,4-Dinitrotoluene, Water	7.28807		10.0	0	72.9	13-175	
2,6-Dinitrotoluene, Water	7.28097		10.0	0	72.8	17-180	
Fluoranthene, Water	8.17090		10.0	0	81.7	28-180	
Fluorene, Water	7.14524		10.0	0	71.5	30-189	
Hexachlorobenzene, Water	7.16694		10.0	0	71.7	18-165	
Hexachlorobutadiene, Water	6.89456		10.0	0	68.9	14-145	
Hexachlorocyclopentadiene, Water	4.56564		10.0	0	45.7	12-85	
Hexachloroethane, Water	6.43673		10.0	0	64.4	15-120	
Indeno(1,2,3-cd)pyrene, Water	10.9053		10.0	0	109.1	16-180	
Isophorone, Water	7.55770		10.0	0	75.6	70-114	
2-Methylnaphthalene, Water	7.50814		10.0	0	75.1	26-168	
Naphthalene, Water	7.14784		10.0	0	71.5	36-139	
Nitrobenzene, Water	7.15829		10.0	0	71.6	17-163	
n-Nitrosodi-n-propylamine, Water	7.23398		10.0	0	72.3	20-161	
n-Nitrosodiphenylamine, Water	6.04228		10.0	0	60.4	58-174	
Phenanthrene, Water	7.23166		10.0	0	72.3	26-166	
Pyrene, Water	6.95008		10.0	0	69.5	28-173	
1,2,4-Trichlorobenzene, Water	6.81552		10.0	0	68.2	16-133	
4-Chloro-3-methylphenol, Water	6.95383		10.0	0	69.5	60-114	
2-Chlorophenol, Water	6.22734		10.0	0	62.3	53-116	
2,4-Dichlorophenol, Water	7.18663		10.0	0	71.9	54-119	
2,4-Dimethylphenol, Water	5.96218		10.0	0	59.6	23-157	
2,4-Dinitrophenol, Water	8.08894		10.0	0	80.9	10-144	
2-Methyl-4,6-dinitrophenol, Water	7.87941		10.0	0	78.8	10-164	
2-Methylphenol (o-Cresol), Water	4.84998		10.0	0	48.5	17-117	
4-Methylphenol (p-Cresol), Water	4.55997		10.0	0	45.6	12-111	
2-Nitrophenol, Water	7.30644		10.0	0	73.1	39-121	

QUALITY CONTROL RESULTS

Job Number.: 332144

Report Date.: 04/05/2007

CUSTOMER: Pastor, Behling & Wheeler, LLC

PROJECT: UPRR-HWPW-1358

ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	SVS021607A	173973		03/23/2007	1600

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
4-Nitrophenol, Water	3.71575		10.0	0	37.2	10-92	
Pentachlorophenol, Water	8.51762		10.0	0	85.2	10-130	
Phenol, Water	3.17699		10.0	0	31.8	20-83	
2,4,5-Trichlorophenol, Water	7.72473		10.0	0	77.2	37-129	
2,4,6-Trichlorophenol, Water	6.62300		10.0	0	66.2	42-133	
2-Nitroaniline, Water	7.53584		10.0	0	75.4	61-132	
3-Nitroaniline, Water	7.99065		10.0	0	79.9	33-122	
4-Nitroaniline, Water	8.27207		10.0	0	82.7	11-129	
Carbazole, Water	9.97972		10.0	0	99.8	24-169	
3,3'-Dichlorobenzidine, Water	10.5008		10.0	0	105.0	30-130	

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank	SVS020707A	173973		03/23/2007	1532

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Acenaphthene, Water	0						
Acenaphthylene, Water	0						
Anthracene, Water	0						
Benzo(a)anthracene, Water	0						
Benzo(b)fluoranthene, Water	0						
Benzo(k)fluoranthene, Water	0						
Benzo(ghi)perylene, Water	0						
Benzo(a)pyrene, Water	0						
Butyl Benzyl Phthalate, Water	0						
bis(2-chloroethoxy)methane, Water	0						
bis(2-Chloroethyl)ether, Water	0						
bis(2-chloroisopropyl)ether, Water	0						
bis(2-ethylhexyl)phthalate, Water	0						
4-Bromophenyl Phenyl Ether, Water	0						
4-Chloroaniline, Water	0						
2-Chloronaphthalene, Water	0						
4-Chlorophenyl Phenyl Ether, Water	0						
Chrysene, Water	0						
Dibenzo(a,h)anthracene, Water	0						
Dibenzofuran, Water	0						
1,2-Dichlorobenzene, Water	0						
1,3-Dichlorobenzene, Water	0						
1,4-Dichlorobenzene, Water	0						
Diethyl Phthalate, Water	0						
Dimethyl Phthalate, Water	0						
Di-n-butyl Phthalate, Water	0						
Di-n-octyl Phthalate, Water	0						
2,4-Dinitrotoluene, Water	0						
2,6-Dinitrotoluene, Water	0						
Fluoranthene, Water	0						
Fluorene, Water	0						
Hexachlorobenzene, Water	0						
Hexachlorobutadiene, Water	0						
Hexachlorocyclopentadiene, Water	0						
Hexachloroethane, Water	0						
Indeno(1,2,3-cd)pyrene, Water	0						
Isophorone, Water	0						
2-Methylnaphthalene, Water	0						

QUALITY CONTROL RESULTS

Job Number.: 332144

Report Date.: 04/05/2007

CUSTOMER: Pastor, Behling & Wheeler, LLC

PROJECT: UPRR-HWPW-1358

ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank	SVS020707A	173973		03/23/2007	1532

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Naphthalene, Water	0						
Nitrobenzene, Water	0						
n-Nitrosodi-n-propylamine, Water	0						
n-Nitrosodiphenylamine, Water	0						
Phenanthrene, Water	0						
Pyrene, Water	0						
1,2,4-Trichlorobenzene, Water	0						
4-Chloro-3-methylphenol, Water	0						
2-Chlorophenol, Water	0						
2,4-Dichlorophenol, Water	0						
2,4-Dimethylphenol, Water	0						
2,4-Dinitrophenol, Water	0						
2-Methyl-4,6-dinitrophenol, Water	0						
2-Methylphenol (o-Cresol), Water	0						
4-Methylphenol (p-Cresol), Water	0						
2-Nitrophenol, Water	0						
4-Nitrophenol, Water	0						
Pentachlorophenol, Water	0						
Phenol, Water	0						
2,4,5-Trichlorophenol, Water	0						
2,4,6-Trichlorophenol, Water	0						
2-Nitroaniline, Water	0						
3-Nitroaniline, Water	0						
4-Nitroaniline, Water	0						
Carbazole, Water	0						
3,3'-Dichlorobenzidine, Water	0						

SB	Spiked Blank	SVS021607A	173973			03/23/2007	1629
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Acenaphthene, Water	7.18583		10.0	0	72	46.0-118.0	
Acenaphthylene, Water	7.34073		10.0	0	73	30.0-130.0	
Anthracene, Water	7.05183		10.0	0	71	30.0-130.0	
Benzo(a)anthracene, Water	7.34156		10.0	0	73	60.0-140.0	
Benzo(b)fluoranthene, Water	7.72519		10.0	0	77	60.0-140.0	
Benzo(k)fluoranthene, Water	7.75740		10.0	0	78	30.0-130.0	
Benzo(ghi)perylene, Water	7.60752		10.0	0	76	60.0-140.0	
Benzo(a)pyrene, Water	7.44998		10.0	0	74	60.0-140.0	
Butyl Benzyl Phthalate, Water	7.11984		10.0	0	71	30.0-130.0	
bis(2-chloroethoxy)methane, Water	7.16290		10.0	0	72	30.0-130.0	
bis(2-Chloroethyl)ether, Water	7.47823		10.0	0	75	30.0-130.0	
bis(2-chloroisopropyl)ether, Water	7.63942		10.0	0	76	30.0-130.0	
bis(2-ethylhexyl)phthalate, Water	10.1515		10.0	0	102	60.0-140.0	
4-Bromophenyl Phenyl Ether, Water	7.13653		10.0	0	71	30.0-130.0	
4-Chloroaniline, Water	6.47861		10.0	0	65	30.0-130.0	
2-Chloronaphthalene, Water	6.60687		10.0	0	66	30.0-130.0	
4-Chlorophenyl Phenyl Ether, Water	7.15444		10.0	0	72	30.0-130.0	
Chrysene, Water	7.23019		10.0	0	72	30.0-130.0	
Dibenzo(a,h)anthracene, Water	8.32689		10.0	0	83	60.0-140.0	
Dibenzofuran, Water	7.28351		10.0	0	73	30.0-130.0	
1,2-Dichlorobenzene, Water	7.00165		10.0	0	70	30.0-130.0	
1,3-Dichlorobenzene, Water	7.24343		10.0	0	72	30.0-130.0	

QUALITY CONTROL RESULTS

Job Number.: 332144

Report Date.: 04/05/2007

CUSTOMER: Pastor, Behling & Wheeler, LLC

PROJECT: UPRR-HWPW-1358

ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
SB	Spiked Blank	SVS021607A	173973		03/23/2007	1629

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
1,4-Dichlorobenzene, Water	6.91485		10.0	0	69	36.0-97.0	
Diethyl Phthalate, Water	7.29867		10.0	0	73	60.0-140.0	
Dimethyl Phthalate, Water	7.20561		10.0	0	72	30.0-130.0	
Di-n-butyl Phthalate, Water	7.68839		10.0	0	77	30.0-130.0	
Di-n-octyl Phthalate, Water	6.93114		10.0	0	69	30.0-130.0	
2,4-Dinitrotoluene, Water	7.53186		10.0	0	75	24.0-96.0	
2,6-Dinitrotoluene, Water	7.22027		10.0	0	72	30.0-130.0	
Fluoranthene, Water	8.15332		10.0	0	82	30.0-130.0	
Fluorene, Water	7.38671		10.0	0	74	30.0-130.0	
Hexachlorobenzene, Water	7.29449		10.0	0	73	30.0-130.0	
Hexachlorobutadiene, Water	7.00396		10.0	0	70	30.0-130.0	
Hexachlorocyclopentadiene, Water	5.10948		10.0	0	51	30.0-130.0	
Hexachloroethane, Water	6.69774		10.0	0	67	30.0-130.0	
Indeno(1,2,3-cd)pyrene, Water	8.18977		10.0	0	82	60.0-140.0	
Isophorone, Water	7.69668		10.0	0	77	30.0-130.0	
2-Methylnaphthalene, Water	7.19575		10.0	0	72	60.0-140.0	
Naphthalene, Water	7.20268		10.0	0	72	30.0-130.0	
Nitrobenzene, Water	7.11204		10.0	0	71	30.0-130.0	
n-Nitrosodi-n-propylamine, Water	7.79892		10.0	0	78	41.0-116.0	
n-Nitrosodiphenylamine, Water	6.35053		10.0	0	64	30.0-130.0	
Phenanthrene, Water	6.99938		10.0	0	70	30.0-130.0	
Pyrene, Water	6.97049		10.0	0	70	26.0-115.0	
1,2,4-Trichlorobenzene, Water	6.95949		10.0	0	70	39.0-98.0	
4-Chloro-3-methylphenol, Water	7.34143		10.0	0	73	43.0-97.0	
2-Chlorophenol, Water	6.25034		10.0	0	63	27.0-123.0	
2,4-Dichlorophenol, Water	7.20750		10.0	0	72	30.0-130.0	
2,4-Dimethylphenol, Water	6.13114		10.0	0	61	30.0-130.0	
2,4-Dinitrophenol, Water	8.19402		10.0	0	82	10.0-130.0	
2-Methyl-4,6-dinitrophenol, Water	8.04357		10.0	0	80	30.0-130.0	
2-Methylphenol (o-Cresol), Water	5.37683		10.0	0	54	30.0-130.0	
4-Methylphenol (p-Cresol), Water	4.91806		10.0	0	49	30.0-130.0	
2-Nitrophenol, Water	7.20122		10.0	0	72	30.0-130.0	
4-Nitrophenol, Water	3.83135		10.0	0	38	10.0-80.0	
Pentachlorophenol, Water	8.48486		10.0	0	85	9.0-103.0	
Phenol, Water	3.58805		10.0	0	36	10.0-112.0	
2,4,5-Trichlorophenol, Water	7.57418		10.0	0	76	30.0-130.0	
2,4,6-Trichlorophenol, Water	7.35869		10.0	0	74	30.0-130.0	
2-Nitroaniline, Water	7.67659		10.0	0	77	30.0-130.0	
3-Nitroaniline, Water	8.26822		10.0	0	83	30.0-130.0	
4-Nitroaniline, Water	8.38093		10.0	0	84	30.0-130.0	
Carbazole, Water	10.0703		10.0	0	101	30.0-130.0	
3,3'-Dichlorobenzidine, Water	10.7332		10.0	0	107	30.0-130.0	

SBD	Spiked Blank Duplicate	SVS021607A	173973			03/23/2007	1658
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Acenaphthene, Water	6.97852	7.18583	10.0	0	69.8 2.9	46-118 31	
Acenaphthylene, Water	7.25215	7.34073	10.0	0	72.5 1.2	30-130 50	
Anthracene, Water	7.65755	7.05183	10.0	0	76.6 8.2	30-130 50	

QUALITY CONTROL RESULTS

Job Number.: 332144

Report Date.: 04/05/2007

CUSTOMER: Pastor, Behling & Wheeler, LLC

PROJECT: UPRR-HWPW-1358

ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
SBD	Spiked Blank Duplicate	SVS021607A	173973		03/23/2007	1658

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Benzo(a)anthracene, Water	7.14322	7.34156	10.0	0	71.4	60-140	
					2.7	30	
Benzo(b)fluoranthene, Water	6.93741	7.72519	10.0	0	69.4	60-140	
					10.7	30	
Benzo(k)fluoranthene, Water	7.18496	7.75740	10.0	0	71.8	30-130	
					7.7	50	
Benzo(ghi)perylene, Water	7.22864	7.60752	10.0	0	72.3	60-140	
					5.1	50	
Benzo(a)pyrene, Water	7.24297	7.44998	10.0	0	72.4	60-140	
					2.8	30	
Butyl Benzyl Phthalate, Water	7.32046	7.11984	10.0	0	73.2	30-130	
					2.8	50	
bis(2-chloroethoxy)methane, Water	6.85649	7.16290	10.0	0	68.6	30-130	
					4.4	50	
bis(2-Chloroethyl)ether, Water	7.36511	7.47823	10.0	0	73.7	30-130	
					1.5	50	
bis(2-chloroisopropyl)ether, Water	6.97955	7.63942	10.0	0	69.8	30-130	
					9.0	50	
bis(2-ethylhexyl)phthalate, Water	10.5262	10.1515	10.0	0	105.3	60-140	
					3.6	30	
4-Bromophenyl Phenyl Ether, Water	7.18861	7.13653	10.0	0	71.9	30-130	
					0.7	50	
4-Chloroaniline, Water	5.84293	6.47861	10.0	0	58.4	30-130	
					10.3	50	
2-Chloronaphthalene, Water	6.71587	6.60687	10.0	0	67.2	30-130	
					1.6	50	
4-Chlorophenyl Phenyl Ether, Water	7.28944	7.15444	10.0	0	72.9	30-130	
					1.9	50	
Chrysene, Water	7.19504	7.23019	10.0	0	72.0	30-130	
					0.5	50	
Dibenzo(a,h)anthracene, Water	7.51242	8.32689	10.0	0	75.1	60-140	
					10.3	30	
Dibenzofuran, Water	6.91759	7.28351	10.0	0	69.2	30-130	
					5.2	50	
1,2-Dichlorobenzene, Water	6.54845	7.00165	10.0	0	65.5	30-130	
					6.7	50	
1,3-Dichlorobenzene, Water	6.57191	7.24343	10.0	0	65.7	30-130	
					9.7	50	
1,4-Dichlorobenzene, Water	6.71987	6.91485	10.0	0	67.2	36-97	
					2.9	28	
Diethyl Phthalate, Water	7.40505	7.29867	10.0	0	74.1	60-140	
					1.4	30	
Dimethyl Phthalate, Water	7.29891	7.20561	10.0	0	73.0	30-130	
					1.3	50	
Di-n-butyl Phthalate, Water	7.78630	7.68839	10.0	0	77.9	30-130	
					1.3	50	
Di-n-octyl Phthalate, Water	6.60604	6.93114	10.0	0	66.1	30-130	
					4.8	50	
2,4-Dinitrotoluene, Water	7.13587	7.53186	10.0	0	71.4	24-96	
					5.4	38	
2,6-Dinitrotoluene, Water	7.16384	7.22027	10.0	0	71.6	30-130	
					0.8	50	
Fluoranthene, Water	8.23263	8.15332	10.0	0	82.3	30-130	
					1.0	50	

QUALITY CONTROL RESULTS

Job Number.: 332144

Report Date.: 04/05/2007

CUSTOMER: Pastor, Behling & Wheeler, LLC

PROJECT: UPRR-HWPW-1358

ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
SBD	Spiked Blank Duplicate	SVS021607A	173973		03/23/2007	1658

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Fluorene, Water	7.18655	7.38671	10.0	0	71.9 2.7	30-130 50	
Hexachlorobenzene, Water	7.04668	7.29449	10.0	0	70.5 3.5	30-130 50	
Hexachlorobutadiene, Water	6.49557	7.00396	10.0	0	65.0 7.5	30-130 50	
Hexachlorocyclopentadiene, Water	4.85501	5.10948	10.0	0	48.6 5.1	30-130 50	
Hexachloroethane, Water	6.18525	6.69774	10.0	0	61.9 8.0	30-130 50	
Indeno(1,2,3-cd)pyrene, Water	7.52152	8.18977	10.0	0	75.2 8.5	60-140 30	
Isophorone, Water	7.45328	7.69668	10.0	0	74.5 3.2	30-130 50	
2-Methylnaphthalene, Water	7.00551	7.19575	10.0	0	70.1 2.7	60-140 30	
Naphthalene, Water	6.88817	7.20268	10.0	0	68.9 4.5	30-130 50	
Nitrobenzene, Water	6.73036	7.11204	10.0	0	67.3 5.5	30-130 50	
n-Nitrosodi-n-propylamine, Water	6.52271	7.79892	10.0	0	65.2 17.8	41-116 38	
n-Nitrosodiphenylamine, Water	5.84282	6.35053	10.0	0	58.4 8.3	30-130 50	
Phenanthrene, Water	7.16066	6.99938	10.0	0	71.6 2.3	30-130 50	
Pyrene, Water	7.03291	6.97049	10.0	0	70.3 0.9	26-115 31	
1,2,4-Trichlorobenzene, Water	6.51774	6.95949	10.0	0	65.2 6.6	39-98 28	
4-Chloro-3-methylphenol, Water	7.08805	7.34143	10.0	0	70.9 3.5	43-97 42	
2-Chlorophenol, Water	5.91213	6.25034	10.0	0	59.1 5.6	27-123 40	
2,4-Dichlorophenol, Water	6.58904	7.20750	10.0	0	65.9 9.0	30-130 50	
2,4-Dimethylphenol, Water	5.73191	6.13114	10.0	0	57.3 6.7	30-130 50	
2,4-Dinitrophenol, Water	7.38264	8.19402	10.0	0	73.8 10.4	10-130 50	
2-Methyl-4,6-dinitrophenol, Water	7.34520	8.04357	10.0	0	73.5 9.1	30-130 50	
2-Methylphenol (o-Cresol), Water	4.73557	5.37683	10.0	0	47.4 12.7	30-130 50	
4-Methylphenol (p-Cresol), Water	4.64025	4.91806	10.0	0	46.4 5.8	30-130 50	
2-Nitrophenol, Water	6.66829	7.20122	10.0	0	66.7 7.7	30-130 50	
4-Nitrophenol, Water	4.12879	3.83135	10.0	0	41.3 7.5	10-80 50	
Pentachlorophenol, Water	8.39303	8.48486	10.0	0	83.9 1.1	9-103 50	
Phenol, Water	3.28422	3.58805	10.0	0	32.8 8.8	10-112 23	

QUALITY CONTROL RESULTS

Job Number.: 332144

Report Date.: 04/05/2007

CUSTOMER: Pastor, Behling & Wheeler, LLC

PROJECT: UPRR-HWPW-1358

ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
SBD	Spiked Blank Duplicate	SVS021607A	173973		03/23/2007	1658

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
2,4,5-Trichlorophenol, Water	7.28488	7.57418	10.0	0	72.8 3.9	30-130 50	
2,4,6-Trichlorophenol, Water	6.33785	7.35869	10.0	0	63.4 14.9	30-130 50	
2-Nitroaniline, Water	6.76856	7.67659	10.0	0	67.7 12.6	30-130 50	
3-Nitroaniline, Water	8.03954	8.26822	10.0	0	80.4 2.8	30-130 50	
4-Nitroaniline, Water	8.68131	8.38093	10.0	0	86.8 3.5	30-130 50	
Carbazole, Water	10.1304	10.0703	10.0	0	101.3 0.6	30-130 50	
3,3'-Dichlorobenzidine, Water	10.1426	10.7332	10.0	0	101.4 5.7	30-130 50	

Test Method.....: SW-846 8260B

Units.....: ug/L

Analyst....: ydy

Method Description.: Volatile Organics

Batch(s)....: 173942

LCS	Laboratory Control Sample	VS032007H				03/20/2007	1121
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Benzene, Soil	51.5029		50.00	ND	103.0	68-121	
Bromodichloromethane, Soil	48.0669		50.00	ND	96.1	68-121	
Bromoform, Soil	50.0820		50.00	ND	100.2	47-137	
Bromomethane, Soil	48.0532		50.00	ND	96.1	28-164	
Carbon Tetrachloride, Soil	51.3010		50.00	ND	102.6	59-127	
Chlorobenzene, Soil	48.8523		50.00	ND	97.7	58-133	
Chloroethane, Soil	53.5981		50.00	ND	107.2	30-136	
Chloroform, Soil	57.1175		50.00	ND	114.2	63-126	
Chloromethane, Soil	48.8690		50.00	ND	97.7	21-153	
Dibromochloromethane, Soil	50.5256		50.00	ND	101.1	63-125	
1,1-Dichloroethane, Soil	55.9537		50.00	ND	111.9	65-132	
1,2-Dichloroethane, Soil	55.8346		50.00	ND	111.7	65-124	
1,1-Dichloroethene, Soil	57.3784		50.00	ND	114.8	40-157	
1,2-Dichloroethene (total), Soil	109.621		100.0	ND	109.6	62-130	
cis-1,2-Dichloroethene, Soil	55.1941		50.00	ND	110.4	62-124	
trans-1,2-Dichloroethene, Soil	54.4270		50.00	ND	108.9	65-130	
1,2-Dichloropropane, Soil	50.5331		50.00	ND	101.1	64-116	
Ethylbenzene, Soil	47.5576		50.00	ND	95.1	66-130	
Methylene Chloride, Soil	82.6072		50.00	4.07030	165.2	46-141	K
Styrene, Soil	48.1637		50.00	ND	96.3	62-121	
1,1,2,2-Tetrachloroethane, Soil	49.8287		50.00	ND	99.7	56-132	
Tetrachloroethene, Soil	47.7520		50.00	ND	95.5	65-125	
Toluene, Soil	48.5036		50.00	ND	97.0	66-127	
1,1,1-Trichloroethane, Soil	52.3995		50.00	ND	104.8	75-121	
1,1,2-Trichloroethane, Soil	51.2591		50.00	ND	102.5	68-115	
Trichloroethene, Soil	49.3271		50.00	ND	98.7	63-124	
Vinyl Chloride, Soil	53.9313		50.00	ND	107.9	28-159	
Xylenes (total), Soil	144.282		150.	ND	96.2	37-160	
Acetone, Soil	52.9152		50.00	ND	105.8	38-190	
Carbon Disulfide, Soil	52.9057		50.00	ND	105.8	53-176	

Q U A L I T Y C O N T R O L R E S U L T S

Job Number.: 332144

Report Date.: 04/05/2007

CUSTOMER: Pastor, Behling & Wheeler, LLC

PROJECT: UPRR-HWPW-1358

ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	VS032007H			03/20/2007	1121

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Methyl Ethyl Ketone (2-Butanone), Soil	57.8626		50.00	ND	115.7	42-186	
cis-1,3-Dichloropropene, Soil	50.0208		50.00	ND	100.0	66-129	
trans-1,3-Dichloropropene, Soil	50.9130		50.00	ND	101.8	53-139	
2-Hexanone, Soil	49.0677		50.00	ND	98.1	37-174	
4-Methyl-2-pentanone (MIBK), Soil	51.4428		50.00	ND	102.9	34-150	

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank	VS032007C			03/20/2007	1306

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Benzene, Soil	ND						
Bromodichloromethane, Soil	ND						
Bromoform, Soil	ND						
Bromomethane, Soil	ND						
Carbon Tetrachloride, Soil	ND						
Chlorobenzene, Soil	ND						
Chloroethane, Soil	ND						
Chloroform, Soil	ND						
Chloromethane, Soil	ND						
Dibromochloromethane, Soil	ND						
1,1-Dichloroethane, Soil	ND						
1,2-Dichloroethane, Soil	ND						
1,1-Dichloroethene, Soil	ND						
1,2-Dichloroethene (total), Soil	ND						
cis-1,2-Dichloroethene, Soil	ND						
trans-1,2-Dichloroethene, Soil	ND						
1,2-Dichloropropane, Soil	ND						
Ethylbenzene, Soil	ND						
Methylene Chloride, Soil	4.07030						
Styrene, Soil	ND						
1,1,2,2-Tetrachloroethane, Soil	ND						
Tetrachloroethene, Soil	ND						
Toluene, Soil	ND						
1,1,1-Trichloroethane, Soil	ND						
1,1,2-Trichloroethane, Soil	ND						
Trichloroethene, Soil	ND						
Vinyl Chloride, Soil	ND						
Xylenes (total), Soil	ND						
Acetone, Soil	ND						
Carbon Disulfide, Soil	ND						
Methyl Ethyl Ketone (2-Butanone), Soil	ND						
cis-1,3-Dichloropropene, Soil	ND						
trans-1,3-Dichloropropene, Soil	ND						
2-Hexanone, Soil	ND						
4-Methyl-2-pentanone (MIBK), Soil	ND						

QUALITY CONTROL RESULTS

Job Number.: 332144

Report Date.: 04/05/2007

CUSTOMER: Pastor, Behling & Wheeler, LLC		PROJECT: UPRR-HWPW-1358		ATTN:	
QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date Time

MS	Matrix Spike	VS032007E	331466-11		03/20/2007 1450
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Benzene, Soil	47.3209		50.00	ND	95	65-135	
Bromodichloromethane, Soil	43.5458		50.00	ND	87	60-140	
Bromoform, Soil	40.6827		50.00	ND	81	60-140	
Bromomethane, Soil	44.7694		50.00	ND	90	60-140	
Carbon Tetrachloride, Soil	47.2662		50.00	ND	95	60-140	
Chlorobenzene, Soil	46.4883		50.00	ND	93	65-135	
Chloroethane, Soil	49.5942		50.00	ND	99	60-140	
Chloroform, Soil	50.6571		50.00	ND	101	60-140	
Chloromethane, Soil	40.1056		50.00	ND	80	60-140	
Dibromochloromethane, Soil	43.3620		50.00	ND	87	60-140	
1,1-Dichloroethane, Soil	48.8347		50.00	ND	98	60-140	
1,2-Dichloroethane, Soil	47.9416		50.00	ND	96	60-140	
1,1-Dichloroethene, Soil	49.2398		50.00	ND	98	65-135	
1,2-Dichloroethene (total), Soil	95.7566		100.0	ND	96	60-140	
cis-1,2-Dichloroethene, Soil	47.5242		50.00	ND	95	60-140	
trans-1,2-Dichloroethene, Soil	48.2324		50.00	ND	96	60-140	
1,2-Dichloropropane, Soil	47.2122		50.00	ND	94	60-140	
Ethylbenzene, Soil	46.5880		50.00	ND	93	60-140	
Methylene Chloride, Soil	53.4091		50.00	4.67625	97	60-140	
Styrene, Soil	42.3496		50.00	ND	85	60-140	
1,1,2,2-Tetrachloroethane, Soil	41.3257		50.00	ND	83	60-140	
Tetrachloroethene, Soil	50.4846		50.00	ND	101	60-140	
Toluene, Soil	48.6504		50.00	ND	97	64-135	
1,1,1-Trichloroethane, Soil	48.5903		50.00	ND	97	60-140	
1,1,2-Trichloroethane, Soil	45.5051		50.00	ND	91	60-140	
Trichloroethene, Soil	51.3478		50.00	ND	103	61-135	
Vinyl Chloride, Soil	49.7857		50.00	ND	100	60-140	
Xylenes (total), Soil	141.638		150.0	ND	94	60-140	
Acetone, Soil	82.9024		50.00	12.1028	142	60-140	A
Carbon Disulfide, Soil	53.7506		50.00	ND	108	60-140	
Methyl Ethyl Ketone (2-Butanone), Soil	65.8436		50.00	ND	132	60-140	
cis-1,3-Dichloropropene, Soil	45.9257		50.00	ND	92	60-140	
trans-1,3-Dichloropropene, Soil	49.2284		50.00	ND	98	60-140	
2-Hexanone, Soil	43.1656		50.00	ND	86	60-140	
4-Methyl-2-pentanone (MIBK), Soil	38.2722		50.00	ND	77	60-140	

MSD	Matrix Spike Duplicate	VS032007E	331466-11		03/20/2007 1517
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Benzene, Soil	46.0677	47.3209	50.00	ND	92	65-135	
					2.7	30.0	
Bromodichloromethane, Soil	45.5727	43.5458	50.00	ND	91	60-140	
					4.5	30.0	
Bromoform, Soil	41.2409	40.6827	50.00	ND	82	60-140	
					1.4	30.0	
Bromomethane, Soil	47.6755	44.7694	50.00	ND	95	60-140	
					6.3	30.0	
Carbon Tetrachloride, Soil	48.0260	47.2662	50.00	ND	96	60-140	
					1.6	30.0	
Chlorobenzene, Soil	45.1558	46.4883	50.00	ND	90	65-135	
					2.9	30.0	
Chloroethane, Soil	48.8339	49.5942	50.00	ND	98	60-140	
					1.5	30.0	

QUALITY CONTROL RESULTS

Job Number.: 332144

Report Date.: 04/05/2007

CUSTOMER: Pastor, Behling & Wheeler, LLC

PROJECT: UPRR-HWPW-1358

ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MSD	Matrix Spike Duplicate	VS032007E	331466-11		03/20/2007	1517

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Chloroform, Soil	49.2793	50.6571	50.00	ND	99	60-140	
					2.8	30.0	
Chloromethane, Soil	32.5390	40.1056	50.00	ND	65	60-140	
					20.8	30.0	
Dibromochloromethane, Soil	42.6556	43.3620	50.00	ND	85	60-140	
					1.6	30.0	
1,1-Dichloroethane, Soil	47.7200	48.8347	50.00	ND	95	60-140	
					2.3	30.0	
1,2-Dichloroethane, Soil	40.0783	47.9416	50.00	ND	80	60-140	
					17.9	30.0	
1,1-Dichloroethene, Soil	48.4861	49.2398	50.00	ND	97	65-135	
					1.5	30.0	
1,2-Dichloroethene (total), Soil	93.9333	95.7566	100.0	ND	94	60-140	
					1.9	30.0	
cis-1,2-Dichloroethene, Soil	46.3771	47.5242	50.00	ND	93	60-140	
					2.4	30.0	
trans-1,2-Dichloroethene, Soil	47.5563	48.2324	50.00	ND	95	60-140	
					1.4	30.0	
1,2-Dichloropropane, Soil	45.9831	47.2122	50.00	ND	92	60-140	
					2.6	30.0	
Ethylbenzene, Soil	44.8998	46.5880	50.00	ND	90	60-140	
					3.7	30.0	
Methylene Chloride, Soil	51.6480	53.4091	50.00	4.67625	94	60-140	
					3.4	30.0	
Styrene, Soil	41.1589	42.3496	50.00	ND	82	60-140	
					2.9	30.0	
1,1,2,2-Tetrachloroethane, Soil	42.1762	41.3257	50.00	ND	84	60-140	
					2.0	30.0	
Tetrachloroethene, Soil	47.9780	50.4846	50.00	ND	96	60-140	
					5.1	30.0	
Toluene, Soil	46.5415	48.6504	50.00	ND	93	64-135	
					4.4	30.0	
1,1,1-Trichloroethane, Soil	47.8231	48.5903	50.00	ND	96	60-140	
					1.6	30.0	
1,1,2-Trichloroethane, Soil	44.7942	45.5051	50.00	ND	90	60-140	
					1.6	30.0	
Trichloroethene, Soil	49.5535	51.3478	50.00	ND	99	61-135	
					3.6	30.0	
Vinyl Chloride, Soil	49.1411	49.7857	50.00	ND	98	60-140	
					1.3	30.0	
Xylenes (total), Soil	136.874	141.638	150.0	ND	91	60-140	
					3.4	30.0	
Acetone, Soil	85.0241	82.9024	50.00	12.1028	146	60-140	A
					2.5	30.0	
Carbon Disulfide, Soil	52.3168	53.7506	50.00	ND	105	60-140	
					2.7	30.0	
Methyl Ethyl Ketone (2-Butanone), Soil	65.7571	65.8436	50.00	ND	132	60-140	
					0.1	30.0	
cis-1,3-Dichloropropene, Soil	45.0242	45.9257	50.00	ND	90	60-140	
					2.0	30.0	
trans-1,3-Dichloropropene, Soil	48.6929	49.2284	50.00	ND	97	60-140	
					1.1	30.0	
2-Hexanone, Soil	46.3310	43.1656	50.00	ND	93	60-140	
					7.1	30.0	

QUALITY CONTROL RESULTS

Job Number.: 332144

Report Date.: 04/05/2007

CUSTOMER: Pastor, Behling & Wheeler, LLC

PROJECT: UPRR-HWPW-1358

ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MSD	Matrix Spike Duplicate	VS032007E	331466-11		03/20/2007	1517

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
4-Methyl-2-pentanone (MIBK), Soil	41.3337	38.2722	50.00	ND	83 7.7	60-140 30.0	

Test Method.....: SW-846 8260B

Units.....: ug/L

Analyst....: zfl

Method Description.: Volatile Organics (25mL purge)

Batch(s)....: 174221

LCS	Laboratory Control Sample	VS032007H				03/22/2007	1154
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Benzene, Water	10.4309		10.000000	ND	104.3	58-150	
Bromodichloromethane, Water	10.0452		10.000000	ND	100.5	58-136	
Bromoform, Water	9.08985		10.000000	ND	90.9	64-156	
Bromomethane, Water	10.2852		10.000000	ND	102.9	48-161	
Carbon Tetrachloride, Water	10.1908		10.000000	ND	101.9	62-154	
Chlorobenzene, Water	9.86636		10.000000	ND	98.7	58-152	
Chloroethane, Water	9.93133		10.000000	ND	99.3	43-170	
Chloroform, Water	9.95786		10.000000	ND	99.6	58-154	
Chloromethane, Water	9.06291		10.000000	ND	90.6	31-161	
Dibromochloromethane, Water	9.76052		10.000000	ND	97.6	65-149	
1,1-Dichloroethane, Water	10.4780		10.000000	ND	104.8	64-132	
1,2-Dichloroethane, Water	10.3768		10.000000	ND	103.8	69-131	
1,1-Dichloroethene, Water	9.51999		10.000000	ND	95.2	53-128	
cis-1,2-Dichloroethene, Water	10.6012		10.000000	ND	106.0	60-145	
trans-1,2-Dichloroethene, Water	10.5225		10.000000	ND	105.2	60-147	
1,2-Dichloropropane, Water	10.8638		10.000000	ND	108.6	62-128	
Ethylbenzene, Water	9.88373		10.000000	ND	98.8	70-122	
Methylene Chloride, Water	12.6983		10.000000	ND	127.0	53-138	
Styrene, Water	10.3150		10.000000	ND	103.2	68-126	
1,1,2,2-Tetrachloroethane, Water	10.1590		10.000000	ND	101.6	51-151	
Tetrachloroethene, Water	9.80513		10.000000	ND	98.1	52-145	
Toluene, Water	10.0708		10.000000	ND	100.7	56-149	
1,1,1-Trichloroethane, Water	10.0392		10.000000	ND	100.4	61-141	
1,1,2-Trichloroethane, Water	10.3836		10.000000	ND	103.8	66-129	
Trichloroethene, Water	10.2071		10.000000	ND	102.1	58-153	
Vinyl Chloride, Water	9.43290		10.000000	ND	94.3	44-142	
Xylenes (total), Water	29.9395		30.000000	ND	99.8	41-152	
Acetone, Water	12.1156		10.000000	ND	121.2	38-188	
Carbon Disulfide, Water	9.74869		10.000000	ND	97.5	56-163	
cis-1,3-Dichloropropene, Water	9.86383		10.000000	ND	98.6	49-135	
trans-1,3-Dichloropropene, Water	9.89011		10.000000	ND	98.9	54-155	
Methyl Ethyl Ketone (2-Butanone), Water	10.4741		10.000000	ND	104.7	45-188	
2-Hexanone, Water	9.57958		10.000000	ND	95.8	50-158	
4-Methyl-2-pentanone (MIBK), Water	10.0549		10.000000	ND	100.5	54-151	
1,2-Dichloroethene (total), Water	21.1238		20.000000	ND	105.6	60-140	

QUALITY CONTROL RESULTS

Job Number.: 332144

Report Date.: 04/05/2007

CUSTOMER: Pastor, Behling & Wheeler, LLC

PROJECT: UPRR-HWPW-1358

ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
LCS	Laboratory Control Sample	VS032007H			03/23/2007	1148

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Benzene, Water	11.4467		10.000000	ND	114.5	58-150	
Bromodichloromethane, Water	10.9516		10.000000	ND	109.5	58-136	
Bromoform, Water	10.1455		10.000000	ND	101.5	64-156	
Bromomethane, Water	8.36421		10.000000	ND	83.6	48-161	
Carbon Tetrachloride, Water	11.2050		10.000000	ND	112.0	62-154	
Chlorobenzene, Water	10.5007		10.000000	ND	105.0	58-152	
Chloroethane, Water	11.2513		10.000000	ND	112.5	43-170	
Chloroform, Water	11.1991		10.000000	ND	112.0	58-154	
Chloromethane, Water	15.0810		10.000000	ND	150.8	31-161	
Dibromochloromethane, Water	10.5053		10.000000	ND	105.1	65-149	
1,1-Dichloroethane, Water	12.1578		10.000000	ND	121.6	64-132	
1,2-Dichloroethane, Water	12.0028		10.000000	ND	120.0	69-131	
1,1-Dichloroethene, Water	9.76188		10.000000	ND	97.6	53-128	
cis-1,2-Dichloroethene, Water	12.2086		10.000000	ND	122.1	60-145	
trans-1,2-Dichloroethene, Water	11.9830		10.000000	ND	119.8	60-147	
1,2-Dichloropropane, Water	12.1216		10.000000	ND	121.2	62-128	
Ethylbenzene, Water	10.4322		10.000000	ND	104.3	70-122	
Methylene Chloride, Water	14.1730		10.000000	ND	141.7	53-138	a
Styrene, Water	11.0206		10.000000	ND	110.2	68-126	
1,1,1,2-Tetrachloroethane, Water	11.0994		10.000000	ND	111.0	51-151	
Tetrachloroethene, Water	10.2971		10.000000	ND	103.0	52-145	
Toluene, Water	10.6458		10.000000	ND	106.5	56-149	
1,1,1-Trichloroethane, Water	11.0396		10.000000	ND	110.4	61-141	
1,1,2-Trichloroethane, Water	11.0454		10.000000	ND	110.5	66-129	
Trichloroethene, Water	11.1879		10.000000	ND	111.9	58-153	
Vinyl Chloride, Water	10.4212		10.000000	ND	104.2	44-142	
Xylenes (total), Water	31.8978		30.000000	ND	106.3	41-152	
Acetone, Water	6.51029		10.000000	ND	65.1	38-188	
Carbon Disulfide, Water	9.00724		10.000000	ND	90.1	56-163	
cis-1,3-Dichloropropene, Water	10.9862		10.000000	ND	109.9	49-135	
trans-1,3-Dichloropropene, Water	10.9150		10.000000	ND	109.2	54-155	
Methyl Ethyl Ketone (2-Butanone), Water	11.4933		10.000000	ND	114.9	45-188	
2-Hexanone, Water	9.80401		10.000000	ND	98.0	50-158	
4-Methyl-2-pentanone (MIBK), Water	11.7535		10.000000	ND	117.5	54-151	
1,2-Dichloroethene (total), Water	24.1916		20.000000	ND	121.0	60-140	

MB	Method Blank	VS032007C				03/22/2007	1357
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Benzene, Water	ND						
Bromodichloromethane, Water	ND						
Bromoform, Water	ND						
Bromomethane, Water	ND						
Carbon Tetrachloride, Water	ND						
Chlorobenzene, Water	ND						
Chloroethane, Water	ND						
Chloroform, Water	ND						
Chloromethane, Water	ND						
Dibromochloromethane, Water	ND						
1,1-Dichloroethane, Water	ND						
1,2-Dichloroethane, Water	ND						
1,1-Dichloroethene, Water	ND						

QUALITY CONTROL RESULTS

Job Number.: 332144

Report Date.: 04/05/2007

CUSTOMER: Pastor, Behling & Wheeler, LLC

PROJECT: UPRR-HWPW-1358

ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank	VS032007C			03/22/2007	1357

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
cis-1,2-Dichloroethene, Water	ND						
trans-1,2-Dichloroethene, Water	ND						
1,2-Dichloropropane, Water	ND						
Ethylbenzene, Water	ND						
Methylene Chloride, Water	ND						
Styrene, Water	ND						
1,1,2,2-Tetrachloroethane, Water	ND						
Tetrachloroethene, Water	ND						
Toluene, Water	ND						
1,1,1-Trichloroethane, Water	ND						
1,1,2-Trichloroethane, Water	ND						
Trichloroethene, Water	ND						
Vinyl Chloride, Water	ND						
Xylenes (total), Water	ND						
Acetone, Water	ND						
Carbon Disulfide, Water	ND						
cis-1,3-Dichloropropene, Water	ND						
trans-1,3-Dichloropropene, Water	ND						
Methyl Ethyl Ketone (2-Butanone), Water	ND						
2-Hexanone, Water	ND						
4-Methyl-2-pentanone (MIBK), Water	ND						
1,2-Dichloroethene (total), Water	ND						

MB	Method Blank	VS032007C				03/23/2007	1350
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Benzene, Water	ND						
Bromodichloromethane, Water	ND						
Bromoform, Water	ND						
Bromomethane, Water	ND						
Carbon Tetrachloride, Water	ND						
Chlorobenzene, Water	ND						
Chloroethane, Water	ND						
Chloroform, Water	ND						
Chloromethane, Water	ND						
Dibromochloromethane, Water	ND						
1,1-Dichloroethane, Water	ND						
1,2-Dichloroethane, Water	ND						
1,1-Dichloroethene, Water	ND						
cis-1,2-Dichloroethene, Water	ND						
trans-1,2-Dichloroethene, Water	ND						
1,2-Dichloropropane, Water	ND						
Ethylbenzene, Water	ND						
Methylene Chloride, Water	ND						
Styrene, Water	ND						
1,1,2,2-Tetrachloroethane, Water	ND						
Tetrachloroethene, Water	ND						
Toluene, Water	ND						
1,1,1-Trichloroethane, Water	ND						
1,1,2-Trichloroethane, Water	ND						
Trichloroethene, Water	ND						
Vinyl Chloride, Water	ND						

QUALITY CONTROL RESULTS

Job Number.: 332144

Report Date.: 04/05/2007

CUSTOMER: Pastor, Behling & Wheeler, LLC

PROJECT: UPRR-HWPW-1358

ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MB	Method Blank	VS032007C			03/23/2007	1350

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Xylenes (total), Water	ND						
Acetone, Water	ND						
Carbon Disulfide, Water	ND						
cis-1,3-Dichloropropene, Water	ND						
trans-1,3-Dichloropropene, Water	ND						
Methyl Ethyl Ketone (2-Butanone), Water	ND						
2-Hexanone, Water	ND						
4-Methyl-2-pentanone (MIBK), Water	ND						
1,2-Dichloroethene (total), Water	ND						

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MS	Matrix Spike	VS032007E	332203-1	1000.0000	03/22/2007	1529

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Benzene, Water	10.1978		10.000000	ND	102	65-125	
Bromodichloromethane, Water	8.63070		10.000000	ND	86	60-140	
Bromoform, Water	8.04550		10.000000	ND	80	60-140	
Bromomethane, Water	0.41413		10.000000	ND	4	60-140	A
Carbon Tetrachloride, Water	40.8437		10.000000	23.6936	172	60-140	A
Chlorobenzene, Water	9.11338		10.000000	ND	91	72-122	
Chloroethane, Water	10.3680		10.000000	ND	104	60-140	
Chloroform, Water	11.3921		10.000000	ND	114	60-140	
Chloromethane, Water	17.7727		10.000000	ND	178	60-140	A
Dibromochloromethane, Water	8.22784		10.000000	ND	82	60-140	
1,1-Dichloroethane, Water	10.3998		10.000000	ND	104	60-140	
1,2-Dichloroethane, Water	9.77970		10.000000	ND	98	60-140	
1,1-Dichloroethene, Water	9.25762		10.000000	ND	93	22-123	
cis-1,2-Dichloroethene, Water	9.13049		10.000000	ND	91	60-140	
trans-1,2-Dichloroethene, Water	9.30162		10.000000	ND	93	60-140	
1,2-Dichloropropane, Water	10.3704		10.000000	ND	104	60-140	
Ethylbenzene, Water	9.25974		10.000000	ND	93	60-140	
Methylene Chloride, Water	11.9669		10.000000	3.33127	86	60-140	
Styrene, Water	8.55252		10.000000	ND	86	60-140	
1,1,2,2-Tetrachloroethane, Water	8.79811		10.000000	ND	88	60-140	
Tetrachloroethene, Water	12.6684		10.000000	1.23554	114	60-140	
Toluene, Water	9.47283		10.000000	ND	95	76-125	
1,1,1-Trichloroethane, Water	9.81115		10.000000	ND	98	60-140	
1,1,2-Trichloroethane, Water	9.03481		10.000000	ND	90	60-140	
Trichloroethene, Water	10.2830		10.000000	ND	103	56-118	
Vinyl Chloride, Water	10.3860		10.000000	ND	104	60-140	
Xylenes (total), Water	27.7011		30.000000	ND	92	60-140	
Acetone, Water	5.00969		10.000000	ND	50	60-140	A
Carbon Disulfide, Water	11.6456		10.000000	ND	116	60-140	
cis-1,3-Dichloropropene, Water	9.03089		10.000000	ND	90	60-140	
trans-1,3-Dichloropropene, Water	9.91135		10.000000	ND	99	60-140	
Methyl Ethyl Ketone (2-Butanone), Water	8.02696		10.000000	ND	80	60-140	
2-Hexanone, Water	7.17988		10.000000	ND	72	60-140	
4-Methyl-2-pentanone (MIBK), Water	9.18983		10.000000	ND	92	60-140	
1,2-Dichloroethene (total), Water	18.4321		20.000000	ND	92	60-140	

QUALITY CONTROL RESULTS

Job Number.: 332144

Report Date.: 04/05/2007

CUSTOMER: Pastor, Behling & Wheeler, LLC

PROJECT: UPRR-HWPW-1358

ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MS	Matrix Spike	VS032007E	332203-6	5.00000	03/23/2007	1451

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Benzene, Water	11.0490		10.000000	ND	110	65-125	
Bromodichloromethane, Water	8.92133		10.000000	ND	89	60-140	
Bromoform, Water	7.50323		10.000000	ND	75	60-140	
Bromomethane, Water	6.06667		10.000000	ND	61	60-140	
Carbon Tetrachloride, Water	11.2791		10.000000	ND	113	60-140	
Chlorobenzene, Water	9.53210		10.000000	ND	95	72-122	
Chloroethane, Water	11.4057		10.000000	ND	114	60-140	
Chloroform, Water	11.1031		10.000000	ND	111	60-140	
Chloromethane, Water	11.8428		10.000000	ND	118	60-140	
Dibromochloromethane, Water	8.40647		10.000000	ND	84	60-140	
1,1-Dichloroethane, Water	11.4407		10.000000	ND	114	60-140	
1,2-Dichloroethane, Water	10.8524		10.000000	ND	109	60-140	
1,1-Dichloroethene, Water	11.8972		10.000000	1.87973	100	22-123	
cis-1,2-Dichloroethene, Water	11.8402		10.000000	1.75681	101	60-140	
trans-1,2-Dichloroethene, Water	10.2890		10.000000	ND	103	60-140	
1,2-Dichloropropane, Water	11.3477		10.000000	ND	113	60-140	
Ethylbenzene, Water	9.49376		10.000000	ND	95	60-140	
Methylene Chloride, Water	10.3819		10.000000	ND	104	60-140	
Styrene, Water	8.94517		10.000000	ND	89	60-140	
1,1,2,2-Tetrachloroethane, Water	9.41703		10.000000	ND	94	60-140	
Tetrachloroethene, Water	10.0263		10.000000	ND	100	60-140	
Toluene, Water	9.82333		10.000000	ND	98	76-125	
1,1,1-Trichloroethane, Water	10.8399		10.000000	ND	108	60-140	
1,1,2-Trichloroethane, Water	9.06773		10.000000	ND	91	60-140	
Trichloroethene, Water	28.5119		10.000000	15.6493	129	56-118	A
Vinyl Chloride, Water	11.6695		10.000000	ND	117	60-140	
Xylenes (total), Water	28.8008		30.000000	ND	96	60-140	
Acetone, Water	5.37576		10.000000	ND	54	60-140	A
Carbon Disulfide, Water	10.7072		10.000000	ND	107	60-140	
cis-1,3-Dichloropropene, Water	9.29169		10.000000	ND	93	60-140	
trans-1,3-Dichloropropene, Water	9.83843		10.000000	ND	98	60-140	
Methyl Ethyl Ketone (2-Butanone), Water	8.72624		10.000000	ND	87	60-140	
2-Hexanone, Water	6.57061		10.000000	ND	66	60-140	
4-Methyl-2-pentanone (MIBK), Water	9.06485		10.000000	ND	91	60-140	
1,2-Dichloroethene (total), Water	22.1292		20.000000	1.75681	102	60-140	

MSD	Matrix Spike Duplicate	VS032007E	332203-1	1000.0000	03/22/2007	1600
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Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Benzene, Water	11.5078	10.1978	10.000000	ND	115	65-125	
Bromodichloromethane, Water	10.0183	8.63070	10.000000	ND	100	30.0	
Bromoform, Water	9.17312	8.04550	10.000000	ND	100	30.0	
Bromomethane, Water	1.51842	0.41413	10.000000	ND	15	30.0	A
Carbon Tetrachloride, Water	35.4253	40.8437	10.000000	23.6936	117	30.0	r
Chlorobenzene, Water	10.3560	9.11338	10.000000	ND	104	72-122	
Chloroethane, Water	12.4844	10.3680	10.000000	ND	125	30.0	
					18.5	30.0	

QUALITY CONTROL RESULTS

Job Number.: 332144

Report Date.: 04/05/2007

CUSTOMER: Pastor, Behling & Wheeler, LLC

PROJECT: UPRR-HWPW-1358

ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MSD	Matrix Spike Duplicate	VS032007E	332203-1	1000.0000	03/22/2007	1600

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Chloroform, Water	12.3180	11.3921	10.000000	ND	123 7.8	60-140 30.0	
Chloromethane, Water	19.0200	17.7727	10.000000	ND	190 6.8	60-140 30.0	A
Dibromochloromethane, Water	9.49635	8.22784	10.000000	ND	95 14.3	60-140 30.0	
1,1-Dichloroethane, Water	11.9085	10.3998	10.000000	ND	119 13.5	60-140 30.0	
1,2-Dichloroethane, Water	11.3468	9.77970	10.000000	ND	113 14.8	60-140 30.0	
1,1-Dichloroethene, Water	10.6787	9.25762	10.000000	ND	107 14.3	22-123 30.0	
cis-1,2-Dichloroethene, Water	10.9348	9.13049	10.000000	ND	109 18.0	60-140 30.0	
trans-1,2-Dichloroethene, Water	11.1287	9.30162	10.000000	ND	111 17.9	60-140 30.0	
1,2-Dichloropropane, Water	12.1661	10.3704	10.000000	ND	122 15.9	60-140 30.0	
Ethylbenzene, Water	10.5278	9.25974	10.000000	ND	105 12.8	60-140 30.0	
Methylene Chloride, Water	13.6964	11.9669	10.000000	3.33127	104 13.5	60-140 30.0	
Styrene, Water	9.88035	8.55252	10.000000	ND	99 14.4	60-140 30.0	
1,1,2,2-Tetrachloroethane, Water	10.4114	8.79811	10.000000	ND	104 16.8	60-140 30.0	
Tetrachloroethene, Water	12.0677	12.6684	10.000000	1.23554	108 4.9	60-140 30.0	
Toluene, Water	10.7358	9.47283	10.000000	ND	107 12.5	76-125 30.0	
1,1,1-Trichloroethane, Water	11.1789	9.81115	10.000000	ND	112 13.0	60-140 30.0	
1,1,2-Trichloroethane, Water	10.6820	9.03481	10.000000	ND	107 16.7	60-140 30.0	
Trichloroethene, Water	11.6669	10.2830	10.000000	ND	117 12.6	56-118 30.0	
Vinyl Chloride, Water	12.2032	10.3860	10.000000	ND	122 16.1	60-140 30.0	
Xylenes (total), Water	31.5144	27.7011	30.000000	ND	105 12.9	60-140 30.0	
Acetone, Water	5.65525	5.00969	10.000000	ND	57 12.1	60-140 30.0	A
Carbon Disulfide, Water	13.5055	11.6456	10.000000	ND	135 14.8	60-140 30.0	
cis-1,3-Dichloropropene, Water	10.7594	9.03089	10.000000	ND	108 17.5	60-140 30.0	
trans-1,3-Dichloropropene, Water	11.2977	9.91135	10.000000	ND	113 13.1	60-140 30.0	
Methyl Ethyl Ketone (2-Butanone), Water	10.4649	8.02696	10.000000	ND	105 26.4	60-140 30.0	
2-Hexanone, Water	8.70646	7.17988	10.000000	ND	87 19.2	60-140 30.0	
4-Methyl-2-pentanone (MIBK), Water	10.3972	9.18983	10.000000	ND	104 12.3	60-140 30.0	

Q U A L I T Y C O N T R O L R E S U L T S

Job Number.: 332144

Report Date.: 04/05/2007

CUSTOMER: Pastor, Behling & Wheeler, LLC

PROJECT: UPRR-HWPW-1358

ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MSD	Matrix Spike Duplicate	VS032007E	332203-1	1000.0000	03/22/2007	1600

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
1,2-Dichloroethene (total), Water	22.0635	18.4321	20.000000	ND	110 17.9	60-140 30.0	

MSD	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
	Matrix Spike Duplicate	VS032007E	332203-6	5.000000	03/23/2007	1522

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
Benzene, Water	12.1217	11.0490	10.000000	ND	121 9.3	65-125 30.0	
Bromodichloromethane, Water	10.2843	8.92133	10.000000	ND	103 14.2	60-140 30.0	
Bromoform, Water	9.73828	7.50323	10.000000	ND	97 25.9	60-140 30.0	
Bromomethane, Water	8.28657	6.06667	10.000000	ND	83 30.9	60-140 30.0	
Carbon Tetrachloride, Water	12.6895	11.2791	10.000000	ND	127 11.8	60-140 30.0	
Chlorobenzene, Water	11.0972	9.53210	10.000000	ND	111 15.2	72-122 30.0	
Chloroethane, Water	13.1086	11.4057	10.000000	ND	131 13.9	60-140 30.0	
Chloroform, Water	12.6945	11.1031	10.000000	ND	127 13.4	60-140 30.0	
Chloromethane, Water	13.6230	11.8428	10.000000	ND	136 14.0	60-140 30.0	
Dibromochloromethane, Water	9.79489	8.40647	10.000000	ND	98 15.3	60-140 30.0	
1,1-Dichloroethane, Water	12.8669	11.4407	10.000000	ND	129 11.7	60-140 30.0	
1,2-Dichloroethane, Water	12.0869	10.8524	10.000000	ND	121 10.8	60-140 30.0	
1,1-Dichloroethene, Water	13.2146	11.8972	10.000000	1.87973	113 10.5	22-123 30.0	
cis-1,2-Dichloroethene, Water	13.1362	11.8402	10.000000	1.75681	114 10.4	60-140 30.0	
trans-1,2-Dichloroethene, Water	11.6150	10.2890	10.000000	ND	116 12.1	60-140 30.0	
1,2-Dichloropropane, Water	12.8202	11.3477	10.000000	ND	128 12.2	60-140 30.0	
Ethylbenzene, Water	11.1128	9.49376	10.000000	ND	111 15.7	60-140 30.0	
Methylene Chloride, Water	12.1215	10.3819	10.000000	ND	121 15.5	60-140 30.0	
Styrene, Water	10.6603	8.94517	10.000000	ND	107 17.5	60-140 30.0	
1,1,2,2-Tetrachloroethane, Water	10.9969	9.41703	10.000000	ND	110 15.5	60-140 30.0	
Tetrachloroethene, Water	11.6961	10.0263	10.000000	ND	117 15.4	60-140 30.0	
Toluene, Water	11.3117	9.82333	10.000000	ND	113 14.1	76-125 30.0	
1,1,1-Trichloroethane, Water	12.0295	10.8399	10.000000	ND	120 10.4	60-140 30.0	



STL

QUALITY CONTROL RESULTS

Job Number.: 332144

Report Date.: 04/05/2007

CUSTOMER: Pastor, Behling & Wheeler, LLC

PROJECT: UPRR-HWPW-1358

ATTN:

QC Type	Description	Reag. Code	Lab ID	Dilution Factor	Date	Time
MSD	Matrix Spike Duplicate	VS032007E	332203-6	5.00000	03/23/2007	1522

Parameter/Test Description	QC Result	QC Result	True Value	Orig. Value	Calc. Result	* Limits	F
1,1,2-Trichloroethane, Water	10.8477	9.06773	10.000000	ND	108 17.9	60-140 30.0	
Trichloroethene, Water	29.5953	28.5119	10.000000	15.6493	139 3.7	56-118 30.0	A
Vinyl Chloride, Water	13.6079	11.6695	10.000000	ND	136 15.3	60-140 30.0	
Xylenes (total), Water	33.6889	28.8008	30.000000	ND	112 15.6	60-140 30.0	
Acetone, Water	5.55319	5.37576	10.000000	ND	56 3.2	60-140 30.0	A
Carbon Disulfide, Water	12.1111	10.7072	10.000000	ND	121 12.3	60-140 30.0	
cis-1,3-Dichloropropene, Water	10.3923	9.29169	10.000000	ND	104 11.2	60-140 30.0	
trans-1,3-Dichloropropene, Water	11.9899	9.83843	10.000000	ND	120 19.7	60-140 30.0	
Methyl Ethyl Ketone (2-Butanone), Water	11.5536	8.72624	10.000000	ND	116 27.9	60-140 30.0	
2-Hexanone, Water	9.20608	6.57061	10.000000	ND	92 33.4	60-140 30.0	R
4-Methyl-2-pentanone (MIBK), Water	10.9641	9.06485	10.000000	ND	110 19.0	60-140 30.0	
1,2-Dichloroethene (total), Water	24.7511	22.1292	20.000000	1.75681	115 11.2	60-140 30.0	

SURROGATE RECOVERIES REPORT

Job Number.: 332144

Report Date.: 04/05/2007

CUSTOMER: Pastor, Behling & Wheeler, LLC

PROJECT: UPRR-HWPW-1358

ATTN: Eric Matzner

Method.....: Volatile Organics
Batch(s).....: 173942

Method Code...: 8260
Test Matrix...: Soil

Prep Batch....:
Equipment Code: GCMSVOA03

Lab ID	DT	Sample ID	Date	12DCED	BRFLBE	DBRFLM	TOLD8
173942--21	LCS		03/20/2007	105.6	92.0	105.4	97.7
173942--21	MB		03/20/2007	85.3	104.4	95.2	92.7
331466- 11	MS	BC2F-1-2.5-3'	03/20/2007	79.2	104.0	96.2	95.6
331466- 11	MSD	BC2F-1-2.5-3'	03/20/2007	75.2	92.1	84.9	83.7
332144- 2		ROLL OFF RT-160	03/20/2007	88.9	110.4	88.5	97.1
173942--21	LCS		03/20/2007	67.9	97.5	83.8	88.3

Test	Test Description	Limits
12DCED	1,2-Dichloroethane-d4	61 - 130
BRFLBE	4-Bromofluorobenzene	57 - 140
DBRFLM	Dibromofluoromethane	68 - 130
TOLD8	Toluene-d8	50 - 130

SURROGATE RECOVERIES REPORT

Job Number.: 332144

Report Date.: 04/05/2007

CUSTOMER: 483648

PROJECT: UPRR-HWPW-1358

ATTN: Eric Matzner

Method.....: Volatile Organics (25mL purge)
Batch(s).....: 174221

Method Code...: 8260M
Test Matrix...: Water

Prep Batch....:
Equipment Code: GCMSVOA06

Lab ID	DT	Sample ID	Date	12DCED	BRFLBE	DBRFLM	TOLD8
174221--21	LCS		03/22/2007	86.6	109.6	90.2	90.8
332144-	1	V-108	03/23/2007	91.8	93.3	98.2	91.6
332203-	1 MS	MW-41	03/22/2007	71.5	91.8	78.6	81.2
332203-	1 MSD	MW-41	03/22/2007	85.4	103.1	90.8	89.8
332203-	6 MS	MW-32	03/23/2007	83.1	106.2	89.1	89.9
332203-	6 MSD	MW-32	03/23/2007	77.6	95.0	85.6	84.0
174221--21	LCS		03/22/2007	102.9	93.8	104.8	97.7
174221--21	MB		03/22/2007	88.3	98.5	94.4	87.7
174221--21	LCS		03/23/2007	120.4	100.5	120.9	103.5
174221--21	MB		03/23/2007	88.4	102.8	91.6	89.0
174221--21	LCS		03/23/2007	95.5	111.8	98.5	92.7

Test	Test Description	Limits
12DCED	1,2-Dichloroethane-d4	70 - 130
BRFLBE	4-Bromofluorobenzene	70 - 130
DBRFLM	Dibromofluoromethane	70 - 130
TOLD8	Toluene-d8	70 - 130

SURROGATE RECOVERIES REPORT

Job Number.: 332144

Report Date.: 04/05/2007

CUSTOMER: 483648

PROJECT: UPRR-HWPW-1358

ATTN: Eric Matzner

Method.....: Semivolatile Organics, Low Level
Batch(s).....: 174250

Method Code...: 8270LL
Test Matrix...: Water

Prep Batch....: 173973
Equipment Code: EGCS07

Lab ID	DT	Sample ID	Date	246TBP	2FLUBP	2FLUPH	NITRD5	PHEND6	TERD14
332144- 1		V-108	03/23/2007	65.3	66.7	41.8	70.9	35.8	64.5
332144- 1		V-108	03/26/2007	111.9	106.1	68.5	104.0	53.6	106.3
332144- 1		V-108	03/26/2007	0.0d	0.0d	0.0d	0.0d	0.0d	0.0d
173973--21	LCS		03/23/2007	84.3	77.1	43.8	77.2	29.9	72.5
173973--21	MB		03/23/2007	74.4	62.5	43.5	68.6	29.6	70.9
173973--21	SB		03/23/2007	76.4	70.0	46.0	73.5	30.6	67.9
173973--21	SBD		03/23/2007	81.3	73.6	47.0	71.8	30.1	69.5

Test	Test Description	Limits
246TBP	2,4,6-Tribromophenol	10 - 123
2FLUBP	2-Fluorobiphenyl	43 - 116
2FLUPH	2-Fluorophenol	21 - 100
NITRD5	Nitrobenzene-d5	35 - 114
PHEND6	Phenol-d6	10 - 94
TERD14	Terphenyl-d14	33 - 141

Method.....: Semivolatile Organics, Low Level
Batch(s).....: 174244

Method Code...: 8270LL
Test Matrix...: Soil

Prep Batch....: 173999
Equipment Code: EGCS07

Lab ID	DT	Sample ID	Date	246TBP	2FLUBP	2FLUPH	NITRD5	PHEND6	TERD14
332144- 2		ROLL OFF RT-160	03/23/2007	64.7	70.6	62.4	64.5	65.0	70.6
332144- 2		ROLL OFF RT-160	03/26/2007	79.0	96.2	77.7	79.6	94.8	99.3
332144- 2	MS	ROLL OFF RT-160	03/23/2007	57.3	71.4	67.3	66.0	72.7	70.6
332144- 2	MSD	ROLL OFF RT-160	03/23/2007	64.6	75.0	68.1	72.0	71.0	72.3
173999--21	LCS		03/23/2007	79.7	72.0	71.6	68.9	71.5	68.3
173999--21	MB		03/23/2007	76.2	71.8	68.4	66.5	71.7	70.4

Test	Test Description	Limits
246TBP	2,4,6-Tribromophenol	19 - 122
2FLUBP	2-Fluorobiphenyl	30 - 115
2FLUPH	2-Fluorophenol	25 - 121
NITRD5	Nitrobenzene-d5	23 - 120
PHEND6	Phenol-d6	24 - 113
TERD14	Terphenyl-d14	18 - 137

SURROGATE RECOVERIES REPORT

Job Number.: 332144

Report Date.: 04/05/2007

CUSTOMER: 483648

PROJECT: UPRR-HWPW-1358

ATTN: Eric Matzner

Method.....: Direct Analytical TPH Method TX 1005
Batch(s).....: 174137

Method Code...: TX1005
Test Matrix...: Water

Prep Batch....: 174021
Equipment Code: EXTGC07

Lab ID	DT	Sample ID	Date	OTERPH
174021-	1	LCD	03/22/2007	104.8
174021-	1	LCS	03/22/2007	112.0
174021-	1	MB	03/22/2007	96.80
174021-	1	SB	03/22/2007	116.3
174021-	1	SBD	03/22/2007	116.4
332144-	1	V-108	03/22/2007	97.53

Test	Test Description	Limits
OTERPH	o-Terphenyl	70 - 130

Method.....: Direct Analytical TPH Method TX 1005
Batch(s).....: 174139

Method Code...: TX1005
Test Matrix...: Soil

Prep Batch....: 174035
Equipment Code: EXTGC07

Lab ID	DT	Sample ID	Date	OTERPH
174035-	1	LCD	03/22/2007	108.0
174035-	1	LCS	03/22/2007	108.2
174035-	1	MB	03/22/2007	99.79
332144-	2	ROLL OFF RT-160	03/22/2007	97.56
332295-	2	MS 8867-032107-SB-8(0-6")	03/22/2007	106.7
332295-	2	MSD 8867-032107-SB-8(0-6")	03/22/2007	105.9

Test	Test Description	Limits
OTERPH	o-Terphenyl	70 - 130

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 04/05/2007

REPORT COMMENTS

- 1) All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.
- 2) Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.
- 3) According to 40CFR Part 136.3, pH, Chlorine Residual, and Dissolved Oxygen analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field,(e.g. pH Field) they were not analyzed immediately, but as soon as possible on laboratory receipt.
- 4) For all USACE projects, the QC limits are based on "mean +/- 2 sigma", which are the warning limits.

General Information:

- Cresylic Acid is the combination of o,m and p-Cresol. The combination is reported as the final result.
- m-Cresol and p-Cresol co-elute. The result of the two is reported as either m&p-cresol or as p-cresol.
- m-Xylene and p-Xylene co-elute. The result of the two is reported as m,p-Xylene.
- N-Nitrosodiphenylamine decomposes in the gas chromatograph inlet forming dipheylamine and, consequently, may be detected as diphenylamine.
- Methylene Chloride and Acetone are recognized potential laboratory contaminants. Its presence in the sample up to five times the amount reported in the blank may be attributed to laboratory contamination.
- Trimethylsilyl(Diazomethane) is used to esterify acid herbicides in Method SW-846 8151A.
- For Inorganic analyses, duplicate QC limits are determined as follows: If the sample result is less than or equal to 5 times the reporting limit, the RPD limit is equal to the reporting limit. If the sample result is greater than 5 times the reporting limit, the RPD limit is the method defined RPD.
- For TRRP reports, the header on the column RL is equivalent to a MQL/PQL.
- Results for LCS and MS/MSD recoveries listed in the report are reported as ug/L on-column values which are not corrected for variables such as sample volumes or weights extracted, final volume of extracts and dilutions. To correct QC on-column recoveries to reflect actual spiking volumes for soils, multiply the values reported for Diesel Range Organics and Semivolatiles by 33.3 and Gasoline Range Organics by 20. The 8260 and 1006 results will not require correction. The only corection required for water analysis is for method 1006 where the reported concentraiton must be multiplied by 0.1.
- Due to limitation of the reporting software, results for the Method blank in the Semivolatile fraction are reported as "0". Which indicates there was no compound detected at the reporting limit for the compound reiveiwed.

Explanation of Qualifiers:

- U - This qualifier indicates that the analyte was analyzed but not detected.
- J - (Organics only) This qualifier indicates that the analyte is an estimated value between the RL and the MDL.
- B - (Inorganics only) This Qualifier indicates that the analyte is an estimated value between the RL and the MDL.
- N - (Organics only) This flag indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as "chlorinated hydrocarbon", the "N" flag is not used.

Explanation of General QC Outliers:

- A - Matrix interference present in sample.
- a - MS/MSD analyses yielded comparable poor recoveries, indicating a possible matrix interference. Method performance is demonstrated by acceptable LCS recoveries.
- b - Target analyte was found in the method blank.
- M - QC sample analysis yielded recoveries outside QC acceptance criteria. This sample was reanalyzed.
- L - LCS analysis yielded high recoveries, indicating a potential high bias. No target analytes were observed above the RL in the associated samples.
- G - Marginal outlier within 1% of acceptance criteria.
- r - RPD value is outside method acceptance criteria.
- C - Poor RPD values observed due to the non-homogenous nature of the sample.

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 04/05/2007

- O - Sample required dilution due to matrix interference.
- D - Sample reported from a dilution.
- d - Spike and/or surrogate diluted.
- P - The recovery of this analyte is outside default QC limits. The data is accepted and will be used to calculate in-house statistical limits.
- E - The reported concentration exceeds the instrument calibration.
- F - The analyte is outside QC limits. The sample data is accepted since this analyte is not reported in associated samples.
- H - Continuing Calibration Verification (CCV) standard is not associated with the samples reported.
- q - See the subcontract final report for qualifier explanation.
- W - The MS/MSD recoveries are outside QC acceptance criteria because the amount spiked is much less than the amount found in the sample.
- K - High recovery will not affect the quality of reported results.
- Z - See case narrative.

Explanation of Organic QC Outliers:

- e - Method blank analysis yielded phthalate concentrations above the RL. Phthalates are recognized potential laboratory contaminants. Its presence in the sample up to five times the amount reported in the blank may be attributed to laboratory contamination.
- S - Sample reanalyzed/reextracted due to poor surrogate recovery. Reanalysis confirmed original analysis indicating a possible matrix interference.
- T - Sample analysis yielded poor surrogate recovery.
- R - The RPD between the two GC columns is greater than 40% and no anomalies are present. The higher result is reported as per EPA Method 8000B.
- I - The RPD between the two GC columns is greater than 40% and anomalies are present. The lower of the two results has been reported.
- X - Gaseous compound. In-house QC limits are advisory.
- Y - Ketone compounds have poor purge efficiency. In-house QC limits are advisory.
- f - Surrogate not associated with reported analytes.

Explanation of Inorganic QC Outliers:

- Q - Method blank analysis yielded target analytes above the RL. Associated sample results are greater than 10 times the concentrations observed in the method blank.
- V - The RPD control limit for sample results less than 5 times the RL is +/- the RL value. Sample and duplicate results are within method acceptance criteria.
- e - Serial dilution failed due to matrix interference.
- g - Sample result quantitated by Method of Standard Additions (MSA) due to the analytical spike recovery being below 85 percent. The correlation coefficient for the MSA is greater than or equal to 0.995.
- s - BOD/cBOD seed value is not within method acceptance criteria. Due to the nature of the test method, the sample cannot be reanalyzed.
- l - BOD/cBOD LCS value is not within method acceptance criteria. Due to the nature of the test method, sample cannot be reanalyzed.
- N - Spiked sample recovery is not within control limits.
- n - Sample result quantitated by Method of Standard Additions (MSA) due to the analytical spike recovery being below 85 percent. The correlation coefficient for the MSA is less than 0.995.
- * - Duplicate analysis is not within control limits.

Abbreviations:

- Batch - Designation given to identify a specific extraction, digestion, preparation, or analysis set.
- CCV - Continuing Calibration Verification
- CRA - Low level standard check - GFAA, Mercury
- CRI - Low level standard check - ICP
- Dil Fac - Dilution Factor - Secondary dilution analysis
- DLFac - Detection Limit Factor

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 04/05/2007

DU - Duplicate
 EB - Extraction Blank (TCLP, SPLP, etc.)
 ICAL - Initial Calibration
 ICB - Initial Calibration Blank
 ICV - Initial Calibration Verification
 ISA - Interference Check Sample A - ICP
 ISB - Interference Check Sample B - ICP
 LCD - Laboratory Control Duplicate
 LCS - Laboratory Control Sample
 MB - Method Blank
 MD - Method Duplicate
 MDL - Method Detection Limit
 MQL - Method Quantitation Limit (TRRP)
 MS - Matrix Spike
 MSD - Matrix Spike Duplicate
 ND - Not Detected
 PB - Preparation Blank
 PREPF - Preparation Factor
 RL - Reporting Limit
 RPD - Relative Percent Difference
 RRF - Relative Response Factor
 RT - Retention Time
 SQL - Sample Quantitation Limit (TRRP)
 TIC - Tentatively Identified Compound

Method References:

- (1) EPA 600/4-79-020 Methods for the Analysis of Water and Wastes, March 1983.
- (2) EPA 600/R-94-111 Methods for the Determination of Metals in Environmental Samples, Supplement I, May 1994.
- (3) EPA SW846 Test Methods for Evaluating Solid Waste, Third Edition, September 1986; Update I July 1992; Update II, September 1994, Update IIA August 1993; Update IIB, January 1995; Update III, December 1996, Update IVA January 1998, Update IVB November 2000.
- (4) Standard Methods for the Examination of Water and Wastewater, 16th Edition (1985), 17th Edition (1989), 18th Edition (1992), 19th Edition (1995), 20th Edition (1998).
- (5) HACH Water Analysis Handbook 3rd Edition (1997).
- (6) Federal Register, July 1, 1990 (40 CFR Part 136 Appendix A).
- (7) Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, 2nd Edition, January 1997.
- (9) Diagnosis and Improvement of Saline and Alkali Soils, Agriculture Handbook No. 60, United States Department of Agriculture, 1954.

L A B O R A T O R Y C H R O N I C L E

Job Number: 332144

Date: 04/05/2007

CUSTOMER: Pastor, Behling & Wheeler, LLC

PROJECT: UPRR-HWPW-1358

ATTN: Eric Matzner

Lab ID: 332144-1	Client ID: V-108	Date Recvd: 03/20/2007	Sample Date: 03/16/2007				
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
SW-846 3010A	Acid Digestion Aqueous/Extracts FLAA/ICP	1	173912			03/20/2007 1700	
TNRCC 1005	Direct Analytical TPH Method TX 1005	1	174137	174021		03/22/2007 1908	1.0000
SW-846 3510C	Extraction (Sep. Funnel) SVOC Low Level	1	173973			03/21/2007 1400	
SW-846 7470A	Mercury (CVAA)	1	174002	173963		03/21/2007 0408	
SW-846 7470A	Mercury Preparation (CVAA)	1	173963			03/21/2007 1046	
SW-846 6010B	Metals Analysis (ICAP Trace)	1	174180	173912		03/24/2007 1322	
SW-846 8270C	Semivolatile Organics, Low Level	1	174250	173973		03/23/2007 1726	1.00000
SW-846 8270C	Semivolatile Organics, Low Level	1	174250	173973		03/26/2007 1142	20.0000
SW-846 8270C	Semivolatile Organics, Low Level	1	174250	173973		03/26/2007 1406	50.0000
TNRCC TX-1005	TX-1005 Extraction Water	1	174021			03/22/2007 0830	
SW-846 8260B	Volatile Organics (25mL purge)	1	174221			03/23/2007 2230	1.00000

Lab ID: 332144-2	Client ID: ROLL OFF RT-160	Date Recvd: 03/20/2007	Sample Date: 03/16/2007				
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
SW-846 3050B	Acid Digestion of Sediment/Soil/Sludges	1	174103			03/23/2007 1100	
TNRCC 1005	Direct Analytical TPH Method TX 1005	1	174139	174035		03/22/2007 2241	1.0000
SW-846 3550B	Extraction (Ultrasonic) SVOCs Low Level	1	173999			03/21/2007 1300	
SW-846 7471A	Mercury (CVAA)	1	173967	173947		03/21/2007 0130	
SW-846 7471A	Mercury Preparation (CVAA)	1	173947			03/21/2007 0840	
SW-846 6010B	Metals Analysis (ICAP Trace)	1	174180	174103		03/24/2007 1030	
SW-846 8270C	Semivolatile Organics, Low Level	1	174244	173999		03/23/2007 1406	1.00000
SW-846 8270C	Semivolatile Organics, Low Level	1	174244	173999		03/26/2007 1113	5.00000
TNRCC TX-1005	TNRCC 1005 Extraction (Ultrasonic)	1	174035			03/22/2007 1300	
SW-846 8260B	Volatile Organics	1	173942			03/20/2007 1543	1.00000

CHAIN OF CUSTODY RECORD

CUSTOMER INFORMATION		PROJECT INFORMATION				BILLING INFORMATION		ANALYSIS/METHOD REQUEST		NUMBER OF CONTAINERS		REMARKS/PRECAUTIONS	
SAMPLE NO.	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER	PRESERV.	ANALYSIS/METHOD	REQUEST	NO.	METHOD	REMARKS/PRECAUTIONS		
V-108		3/16/07	1615	AQ	1	none							
				AQ	3	HEL							
				AQ	3	HEL							
				AQ	1	HMB3							
	Roll off RT-108	3/16/07	1600	soil	2	none							
SAMPLER: Eric Matzner		SHIPMENT METHOD: Fedex		AIRBILL NO.:									
REQUIRED TURNAROUND* <input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HOURS <input type="checkbox"/> 48 HOURS <input type="checkbox"/> 72 HOURS <input type="checkbox"/> 5 DAYS <input type="checkbox"/> 10 DAYS <input checked="" type="checkbox"/> ROUTINE <input type="checkbox"/> OTHER		DATE		DATE		DATE		DATE		DATE		DATE	
1. RELINQUISHED BY: [Signature]		SIGNATURE:		PRINTED NAME/COMPANY:		2. RELINQUISHED BY: [Signature]		SIGNATURE:		PRINTED NAME/COMPANY:		TIME	
1. RECEIVED BY: [Signature]		SIGNATURE:		PRINTED NAME/COMPANY:		2. RECEIVED BY: [Signature]		SIGNATURE:		PRINTED NAME/COMPANY:		TIME	
PRINTED NAME/COMPANY: Eric Matzner		TIME: 3/19/07		DATE: 3/19/07		3. RECEIVED BY: [Signature]		SIGNATURE:		PRINTED NAME/COMPANY:		TIME	

LAB JOB NO.
332104

ANALYSIS/METHOD REQUEST
VOLs 8260
PCRA Metals
TPH TK 1005

REMARKS/PRECAUTIONS
Samples For Low
Waste Characterization
No TRRP report NEEDED

STL8222H-600 (0803)

STL Houston
6310 Rothway Drive
Houston, TX 77040

CHAIN OF CUSTODY RECORD

CUSTOMER INFORMATION		PROJECT INFORMATION				BILLING INFORMATION		ANALYSIS/METHOD		NUMBER OF CONTAINERS		REMARKS/PRECAUTIONS	
COMPANY:	Send Report To:	PROJECT NAME/NUMBER:	BILL TO:	SAMPLE DATE:	SAMPLE TIME:	SAMPLE MATRIX:	CONTAINER:	PRESERV:	ANALYSIS/METHOD	NUMBER OF CONTAINERS	REMARKS/PRECAUTIONS	LAB JOB NO.	
STL Trent	Eric Matzner	1358-11 PRR Huber	Eric Matzner	3/16/07	1615	AQ	1	None	VOL. 8260	1	Seal for IOW		
2301 Double Creek Dr	Eric Matzner		27245 Alden Way TX			AQ	3	HCL	PCRA MTKS	3	Waste Characterization		
Eric.matzner@stl.com	Eric Matzner		Spring TX			AQ	3	HCL	SUOLS 8270	3	No TRRP request acc.		
PHONE: 512-467-3434	Eric Matzner		281-350-7197			AQ	1	HDD3		1			
FAX: 512-671-3446	Eric Matzner					Roll off RT-100	2	None		2			
SAMPLER:	Eric Matzner	SHIPMENT METHOD:		Fidex		AIRBILL NO.:							
REQUIRED TURNAROUND:	<input type="checkbox"/> SAME DAY	<input type="checkbox"/> 24 HOURS	<input type="checkbox"/> 48 HOURS	<input type="checkbox"/> 72 HOURS	<input type="checkbox"/> 5 DAYS	<input type="checkbox"/> 10 DAYS	<input checked="" type="checkbox"/> ROUTINE	<input type="checkbox"/> OTHER					
1. RELINQUISHED BY:	DATE:	2. RELINQUISHED BY:	DATE:	3. RELINQUISHED BY:	DATE:								
SIGNATURE:	3/19/07	SIGNATURE:		SIGNATURE:									
PRINTED NAME/COMPANY:	Eric Matzner/STL	PRINTED NAME/COMPANY:		PRINTED NAME/COMPANY:									
1. RECEIVED BY:	DATE:	2. RECEIVED BY:	DATE:	3. RECEIVED BY:	DATE:								
SIGNATURE:		SIGNATURE:		SIGNATURE:									
PRINTED NAME/COMPANY:		PRINTED NAME/COMPANY:		PRINTED NAME/COMPANY:									

*PUSH TURNAROUND MAY REQUIRE SURCHARGE

STL82224600 (0803)

STL Houston
6310 Rothway Drive
Houston, TX 77040

rpjsckl	Job Sample Receipt Checklist Report	V2
Job Number.: 332144	Location.: 57216	Check List Number.: 1
Customer Job ID.....:		Description.:
Project Number.: 99000484	Project Description.: UPRR-HWPW-1358	Date of the Report...: 03/20/2007
Customer.....: Pastor, Behling & Wheeler, LLC	Contact.: Eric Matzner	Project Manager.....: sgk
Questions ?	(Y/N)	Comments
Chain of Custody Received?.....	Y	
...If "yes", completed properly?.....	Y	
Custody seal on shipping container?.....	N	
...If "yes", custody seal intact?.....		
Custody seals on sample containers?.....	N	
...If "yes", custody seal intact?.....		
Samples chilled?.....	Y	
Temperature of cooler acceptable? (4 deg C +/- 2).	Y	2.4
...If "no", is sample an air matrix?(no temp req.)		
Thermometer ID.....	Y	438
Samples received intact (good condition)?.....	Y	
Volatile samples acceptable? (no headspace).....	Y	
Correct containers used?.....	Y	
Adequate sample volume provided?.....	Y	
Samples preserved correctly?.....	Y	
Samples received within holding-time?.....	Y	
Agreement between COC and sample labels?.....	Y	
Radioactivity at or below background levels?.....	Y	
Additional.....		
Comments.....		
Sample Custodian Signature/Date.....	Y	TFC

JC
3/20/07