con-test® ANALYTICAL LABORATORY

39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

REPORT DATE 2/27/2009

TRC SOLUTIONS - LOWELL
650 SUFFOLK STREET
LOWELL, MA 01852
ATTN: DAVID SULLIVAN

CONTRACT NUMBER:
PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23303
JOB NUMBER: 115058

PROJECT LOCATION: NEW BEDFORD, MA

FIELD SAMPLE #	LAB ID	MATRIX	SAMPLE DESCRIPTION	TEST	Subcontract Lab (if any) Cert. Nos.
SB-357 (4)	09B04358	SOIL	Not Specified	6010 drywt mcp	
SB-357 (4)	09B04358	SOIL	Not Specified	hg (mg/kg) dw	
SB-357 (4)	09B04358	SOIL	Not Specified	pah - sludge	
SB-357 (4)	09B04358	SOIL	Not Specified	solids (percent)	
SB-357 (7)	09B04359	SOIL	Not Specified	6010 drywt mcp	
SB-357 (7)	09B04359	SOIL	Not Specified	hg (mg/kg) dw	
SB-357 (7)	09B04359	SOIL	Not Specified	pah - sludge	
SB-357 (7)	09B04359	SOIL	Not Specified	solids (percent)	
SB-358 (0-1)	09B04360	SOIL	Not Specified	6010 drywt mcp	
SB-358 (0-1)	09B04360	SOIL	Not Specified	hg (mg/kg) dw	
SB-358 (0-1)	09B04360	SOIL	Not Specified	pah - sludge	
SB-358 (0-1)	09B04360	SOIL	Not Specified	solids (percent)	
SB-358 (1-3)	09B04361	SOIL	Not Specified	6010 drywt mcp	
SB-358 (1-3)	09B04361	SOIL	Not Specified	hg (mg/kg) dw	
SB-358 (1-3)	09B04361	SOIL	Not Specified	pah - sludge	
SB-358 (1-3)	09B04361	SOIL	Not Specified	solids (percent)	
SB-358 (4)	09B04362	SOIL	Not Specified	6010 drywt mcp	
SB-358 (4)	09B04362	SOIL	Not Specified	hg (mg/kg) dw	
SB-358 (4)	09B04362	SOIL	Not Specified	pah - sludge	
SB-358 (4)	09B04362	SOIL	Not Specified	solids (percent)	
SB-358 (9.5-10)	09B04363	SOIL	Not Specified	6010 drywt mcp	
SB-358 (9.5-10)	09B04363	SOIL	Not Specified	hg (mg/kg) dw	
SB-358 (9.5-10)	09B04363	SOIL	Not Specified	pah - sludge	
SB-358 (9.5-10)	09B04363	SOIL	Not Specified	solids (percent)	
SB-DL-4	09B04364	SOIL	Not Specified	6010 drywt mcp	
SB-DL-4	09B04364	SOIL	Not Specified	hg (mg/kg) dw	
SB-DL-4	09B04364	SOIL	Not Specified	pah - sludge	
SB-DL-4	09B04364	SOIL	Not Specified	solids (percent)	

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LOWELL, MA 01852
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CONTRACT NUMBER:
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ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23303
JOB NUMBER: 115058

Comments :

LIMS BATCH NO. : LIMT-23303

CASE NARRATIVE SUMMARY

Recommended sample holding times were not exceeded for all samples analyzed by method(s) listed unless listed below: None Exceeded

All samples for the method(s) listed were received preserved properly in the proper containers at 4 degrees C +/- 2 degrees as specified on the chain-of-custody form unless listed below:
All properly preserved

In method 8270, for samples 09B04359, 09B04360, and 09B04362, surrogate recovery of Terphenyl-d14 is outside of control limits, but within method requirements.

In method 8270, initial calibration did not meet method specifications. For samples 09B04359, 09B04360, 09B04362, and 09B04363, Benzo(g,h,i)perylene was calibrated by linear regression with a correlation coefficient <0.99. Reduced accuracy and precision are anticipated for any reported result for these compounds.

There are no other issues which affect the usability of the data.

DETAILED CASE NARRATIVE

METHOD SW846-6010 - ADDITIONAL DETAILS

For Beryllium on samples 09B04358, 04360, and 04361 and Thallium on sample 09B0436, false hits were determined by spectral review. Sample results were entered as non detect.

METHOD SW846 8270 - ADDITIONAL DETAILS

Solid samples, if any, in the batch were extracted by the following method:
Microwave: SW-846 3546

All 8270 samples were analyzed undiluted unless specified below:

Sample	Dilution(s)
09b04358	x20 (oily)

In method 8270 for Dibenz(a,h)anthracene in samples 09B04358 and 09B04361, data is not affected by continuing calibration non-conformance since bias is on the high side and all results are "not detected".

In method 8270, only PAH compounds were requested and reported.

8270 QC Surrogate Recoveries for samples 09B04358-09B04363

BLANK-129825

Nitrobenzene-d5:	71%
2-Fluorobiphenyl:	71%
Terphenyl-d14:	89%

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ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23303
JOB NUMBER: 115058

LFBLANK-91942	LFB	LFB DUPLICATE
Nitrobenzene-d5:	66.3%	64.7%
2-Fluorobiphenyl:	64.1%	62.0%
Terphenyl-d14:	69.6%	62.0%

8270 QC Surrogate Recoveries for sample 09B04364

BLANK-129847	
Nitrobenzene-d5:	77.9%
2-Fluorobiphenyl:	83.%
Terphenyl-d14:	66%

LFBLANK-91967	LFB	LFB DUPLICATE
Nitrobenzene-d5:	71.9%	67.6%
2-Fluorobiphenyl:	76.6%	70.2%
Terphenyl-d14:	71.7%	71.3%

The results of analyses performed are based on samples as submitted to the laboratory and relate only to the items collected and tested.

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations. AIHA accreditations only apply to NIOSH methods and Environmental Lead Analyses.

AIHA 100033	AIHA ELLAP (LEAD) 100033	NORTH CAROLINA CERT. # 652
MASSACHUSETTS MA0100	NEW HAMPSHIRE NELAP 2516	NEW JERSEY NELAP NJ MA007 (AIR)
CONNECTICUT PH-0567	VERMONT DOH (LEAD) No. LL015036	FLORIDA DOH E871027 (AIR)
NEW YORK ELAP/NELAP 10899	RHODE ISLAND (LIC. No. 112)	

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

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CONTRACT NUMBER:
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PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23303
JOB NUMBER: 115058

2/27/09

SIGNATURE DATE

Tod Kopyscinski
Air Laboratory Manager

Michael Erickson
Assistant Laboratory Director

Edward Denson
Technical Director

Daren Damboragian
Organics Department Supervisor

* See end of data tabulation for notes and comments pertaining to this sample

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DAVID SULLIVAN
TRC SOLUTIONS - LOWELL
650 SUFFOLK STREET
LOWELL, MA 01852

2/27/2009

Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009
Field Sample # : SB-357 (4)

LIMS-BAT #: LIMT-23303
Job Number: 115058

Sample ID : 09B04358

‡Sampled : 2/16/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Antimony	mg/kg dry wt	ND	02/20/09	KSH	5.79			
Arsenic	mg/kg dry wt	9.91	02/20/09	KSH	3.62			
Barium	mg/kg dry wt	251	02/20/09	KSH	7.23			
Beryllium	mg/kg dry wt	ND	02/20/09	KSH	0.37			
Cadmium	mg/kg dry wt	4.27	02/20/09	KSH	0.37			
Chromium	mg/kg dry wt	19.4	02/20/09	KSH	0.73			
Lead	mg/kg dry wt	903	02/20/09	KSH	1.09			
Nickel	mg/kg dry wt	21.1	02/20/09	KSH	0.73			
Selenium	mg/kg dry wt	ND	02/20/09	KSH	7.23			
Silver	mg/kg dry wt	ND	02/20/09	KSH	0.73			
Thallium	mg/kg dry wt	ND	02/20/09	KSH	4.34			
Vanadium	mg/kg dry wt	15.5	02/20/09	KSH	7.23			
Zinc	mg/kg dry wt	1140	02/20/09	KSH	1.45			

Analytical Method:
SW846 6010
SAMPLES ARE DIGESTED WITH MINERAL ACIDS AND ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY (ICP).

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DAVID SULLIVAN
TRC SOLUTIONS - LOWELL
650 SUFFOLK STREET
LOWELL, MA 01852

2/27/2009

Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009
Field Sample # : SB-357 (7)

LIMS-BAT #: LIMT-23303
Job Number: 115058

Sample ID : 09B04359

‡Sampled : 2/16/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Antimony	mg/kg dry wt	ND	02/20/09	KSH	4.74			
Arsenic	mg/kg dry wt	ND	02/20/09	KSH	2.97			
Barium	mg/kg dry wt	6.86	02/20/09	KSH	5.93			
Beryllium	mg/kg dry wt	ND	02/20/09	KSH	0.30			
Cadmium	mg/kg dry wt	ND	02/20/09	KSH	0.30			
Chromium	mg/kg dry wt	2.80	02/20/09	KSH	0.60			
Lead	mg/kg dry wt	2.07	02/20/09	KSH	0.89			
Nickel	mg/kg dry wt	2.05	02/20/09	KSH	0.60			
Selenium	mg/kg dry wt	ND	02/20/09	KSH	5.93			
Silver	mg/kg dry wt	ND	02/20/09	KSH	0.60			
Thallium	mg/kg dry wt	ND	02/20/09	KSH	3.56			
Vanadium	mg/kg dry wt	ND	02/20/09	KSH	5.93			
Zinc	mg/kg dry wt	8.47	02/20/09	KSH	1.19			

Analytical Method:
SW846 6010
SAMPLES ARE DIGESTED WITH MINERAL ACIDS AND ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY (ICP).

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TRC SOLUTIONS - LOWELL
650 SUFFOLK STREET
LOWELL, MA 01852

2/27/2009

Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009
Field Sample # : SB-358 (0-1)

LIMS-BAT #: LIMT-23303
Job Number: 115058

Sample ID : 09B04360

‡Sampled : 2/16/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Antimony	mg/kg dry wt	ND	02/20/09	KSH	4.74			
Arsenic	mg/kg dry wt	3.33	02/20/09	KSH	2.96			
Barium	mg/kg dry wt	30.1	02/20/09	KSH	5.92			
Beryllium	mg/kg dry wt	ND	02/20/09	KSH	0.30			
Cadmium	mg/kg dry wt	ND	02/20/09	KSH	0.30			
Chromium	mg/kg dry wt	11.1	02/20/09	KSH	0.60			
Lead	mg/kg dry wt	13.8	02/20/09	KSH	0.89			
Nickel	mg/kg dry wt	5.65	02/20/09	KSH	0.60			
Selenium	mg/kg dry wt	ND	02/20/09	KSH	5.92			
Silver	mg/kg dry wt	ND	02/20/09	KSH	0.60			
Thallium	mg/kg dry wt	ND	02/20/09	KSH	3.56			
Vanadium	mg/kg dry wt	14.4	02/20/09	KSH	5.92			
Zinc	mg/kg dry wt	24.1	02/20/09	KSH	1.19			

Analytical Method:
SW846 6010
SAMPLES ARE DIGESTED WITH MINERAL ACIDS AND ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY (ICP).

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650 SUFFOLK STREET
LOWELL, MA 01852

2/27/2009

Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009
Field Sample # : SB-358 (1-3)

LIMS-BAT #: LIMT-23303
Job Number: 115058

Sample ID : 09B04361

‡Sampled : 2/16/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Antimony	mg/kg dry wt	ND	02/20/09	KSH	4.52			
Arsenic	mg/kg dry wt	6.81	02/20/09	KSH	2.83			
Barium	mg/kg dry wt	110	02/20/09	KSH	5.65			
Beryllium	mg/kg dry wt	ND	02/20/09	KSH	0.29			
Cadmium	mg/kg dry wt	0.32	02/20/09	KSH	0.29			
Chromium	mg/kg dry wt	41.3	02/20/09	KSH	0.57			
Lead	mg/kg dry wt	21.0	02/20/09	KSH	0.85			
Nickel	mg/kg dry wt	17.2	02/20/09	KSH	0.57			
Selenium	mg/kg dry wt	ND	02/20/09	KSH	5.65			
Silver	mg/kg dry wt	ND	02/20/09	KSH	0.57			
Thallium	mg/kg dry wt	ND	02/20/09	KSH	3.39			
Vanadium	mg/kg dry wt	41.1	02/20/09	KSH	5.65			
Zinc	mg/kg dry wt	45.7	02/20/09	KSH	1.13			

Analytical Method:
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DAVID SULLIVAN
TRC SOLUTIONS - LOWELL
650 SUFFOLK STREET
LOWELL, MA 01852

2/27/2009

Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009
Field Sample # : SB-358 (4)

LIMS-BAT #: LIMT-23303
Job Number: 115058

Sample ID : 09B04362

‡Sampled : 2/16/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Antimony	mg/kg dry wt	ND	02/20/09	KSH	5.18			
Arsenic	mg/kg dry wt	7.46	02/20/09	KSH	3.24			
Barium	mg/kg dry wt	140	02/20/09	KSH	6.47			
Beryllium	mg/kg dry wt	0.53	02/20/09	KSH	0.33			
Cadmium	mg/kg dry wt	ND	02/20/09	KSH	0.33			
Chromium	mg/kg dry wt	8.36	02/20/09	KSH	0.65			
Lead	mg/kg dry wt	200	02/20/09	KSH	0.98			
Nickel	mg/kg dry wt	8.15	02/20/09	KSH	0.65			
Selenium	mg/kg dry wt	ND	02/20/09	KSH	6.47			
Silver	mg/kg dry wt	ND	02/20/09	KSH	0.65			
Thallium	mg/kg dry wt	ND	02/20/09	KSH	3.89			
Vanadium	mg/kg dry wt	24.6	02/20/09	KSH	6.47			
Zinc	mg/kg dry wt	95.2	02/20/09	KSH	1.30			

Analytical Method:
SW846 6010
SAMPLES ARE DIGESTED WITH MINERAL ACIDS AND ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY (ICP).

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DAVID SULLIVAN
TRC SOLUTIONS - LOWELL
650 SUFFOLK STREET
LOWELL, MA 01852

2/27/2009

Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009
Field Sample # : SB-358 (9.5-10)

LIMS-BAT #: LIMT-23303
Job Number: 115058

Sample ID : 09B04363

‡Sampled : 2/16/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Antimony	mg/kg dry wt	ND	02/20/09	KSH	4.64			
Arsenic	mg/kg dry wt	ND	02/20/09	KSH	2.90			
Barium	mg/kg dry wt	9.58	02/20/09	KSH	5.80			
Beryllium	mg/kg dry wt	ND	02/20/09	KSH	0.29			
Cadmium	mg/kg dry wt	ND	02/20/09	KSH	0.29			
Chromium	mg/kg dry wt	3.74	02/20/09	KSH	0.58			
Lead	mg/kg dry wt	14.6	02/20/09	KSH	0.87			
Nickel	mg/kg dry wt	3.21	02/20/09	KSH	0.58			
Selenium	mg/kg dry wt	ND	02/20/09	KSH	5.80			
Silver	mg/kg dry wt	ND	02/20/09	KSH	0.58			
Thallium	mg/kg dry wt	ND	02/20/09	KSH	3.48			
Vanadium	mg/kg dry wt	ND	02/20/09	KSH	5.80			
Zinc	mg/kg dry wt	24.0	02/20/09	KSH	1.16			

Analytical Method:
SW846 6010
SAMPLES ARE DIGESTED WITH MINERAL ACIDS AND ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY (ICP).

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TRC SOLUTIONS - LOWELL
650 SUFFOLK STREET
LOWELL, MA 01852

2/27/2009

Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009
Field Sample # : SB-DL-4

LIMS-BAT #: LIMT-23303
Job Number: 115058

Sample ID : 09B04364 ‡Sampled : 2/16/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Antimony	mg/kg dry wt	ND	02/20/09	KSH	5.39			
Arsenic	mg/kg dry wt	14.3	02/20/09	KSH	3.37			
Barium	mg/kg dry wt	298	02/20/09	KSH	6.73			
Beryllium	mg/kg dry wt	0.54	02/20/09	KSH	0.34			
Cadmium	mg/kg dry wt	1.05	02/20/09	KSH	0.34			
Chromium	mg/kg dry wt	21.7	02/20/09	KSH	0.68			
Lead	mg/kg dry wt	525	02/20/09	KSH	1.01			
Nickel	mg/kg dry wt	15.8	02/20/09	KSH	0.68			
Selenium	mg/kg dry wt	ND	02/20/09	KSH	6.73			
Silver	mg/kg dry wt	ND	02/20/09	KSH	0.68			
Thallium	mg/kg dry wt	ND	02/20/09	KSH	4.04			
Vanadium	mg/kg dry wt	32.8	02/20/09	KSH	6.73			
Zinc	mg/kg dry wt	516	02/20/09	KSH	1.35			

Analytical Method:
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SAMPLES ARE DIGESTED WITH MINERAL ACIDS AND ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY (ICP).

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DAVID SULLIVAN
TRC SOLUTIONS - LOWELL
650 SUFFOLK STREET
LOWELL, MA 01852

Purchase Order No.:

2/27/2009

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009

LIMS-BAT #: LIMT-23303
Job Number: 115058

Field Sample # : SB-357 (4)

Sample ID : 09B04358 ‡Sampled : 2/16/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Mercury	mg/kg dry wt	0.517	02/19/09	KM	0.025			

Field Sample # : SB-357 (7)

Sample ID : 09B04359 ‡Sampled : 2/16/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Mercury	mg/kg dry wt	ND	02/19/09	KM	0.013			

Field Sample # : SB-358 (0-1)

Sample ID : 09B04360 ‡Sampled : 2/16/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Mercury	mg/kg dry wt	0.044	02/19/09	KM	0.013			

Field Sample # : SB-358 (1-3)

Sample ID : 09B04361 ‡Sampled : 2/16/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Mercury	mg/kg dry wt	0.086	02/19/09	KM	0.021			

Field Sample # : SB-358 (4)

Sample ID : 09B04362 ‡Sampled : 2/16/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Mercury	mg/kg dry wt	0.070	02/19/09	KM	0.017			

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

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SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

con-test® ANALYTICAL LABORATORY

39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

DAVID SULLIVAN
TRC SOLUTIONS - LOWELL
650 SUFFOLK STREET
LOWELL, MA 01852

2/27/2009

Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009
LIMS-BAT #: LIMT-23303
Job Number: 115058

Field Sample # : SB-358 (9.5-10)

Sample ID : 09B04363 ‡Sampled : 2/16/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Mercury	mg/kg dry wt	0.020	02/19/09	KM	0.014			

Field Sample # : SB-DL-4

Sample ID : 09B04364 ‡Sampled : 2/16/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Mercury	mg/kg dry wt	0.040	02/19/09	KM	0.019			

Analytical Method:
SW846 3050/7471
SAMPLES ARE DIGESTED WITH ACIDS AND THEN ANALYZED BY
COLD VAPOR (FLAMELESS) ATOMIC ABSORPTION SPECTROPHOTOMETRY

RL = Reporting Limit
ND = Not Detected at or above the Reporting Limit
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* = See end of report for comments and notes applying to this sample
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DAVID SULLIVAN
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650 SUFFOLK STREET
LOWELL, MA 01852

2/27/2009

Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009
Field Sample # : SB-357 (4)

LIMS-BAT #: LIMT-23303
Job Number: 115058

Sample ID : 09B04358

‡Sampled : 2/16/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acenaphthene	mg/kg dry wt	ND	02/26/09	BGL	4.82			
Acenaphthylene	mg/kg dry wt	8.00	02/26/09	BGL	4.82			
Anthracene	mg/kg dry wt	20.6	02/26/09	BGL	4.82			
Benzo(a)anthracene	mg/kg dry wt	29.2	02/26/09	BGL	4.82			
Benzo(a)pyrene	mg/kg dry wt	23.8	02/26/09	BGL	4.82			
Benzo(b)fluoranthene	mg/kg dry wt	23.5	02/26/09	BGL	4.82			
Benzo(g,h,i)perylene	mg/kg dry wt	15.4	02/26/09	BGL	4.82			
Benzo(k)fluoranthene	mg/kg dry wt	9.60	02/26/09	BGL	4.82			
Chrysene	mg/kg dry wt	28.0	02/26/09	BGL	4.82			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/26/09	BGL	4.82			
Fluoranthene	mg/kg dry wt	58.0	02/26/09	BGL	4.82			
Fluorene	mg/kg dry wt	13.4	02/26/09	BGL	4.82			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	19.2	02/26/09	BGL	4.82			
2-Methylnaphthalene	mg/kg dry wt	5.54	02/26/09	BGL	4.82			
Naphthalene	mg/kg dry wt	10.3	02/26/09	BGL	4.82			
Phenanthrene	mg/kg dry wt	95.3	02/26/09	BGL	4.82			
Pyrene	mg/kg dry wt	76.1	02/26/09	BGL	4.82			
Extraction Date 8270		2/18/2009	02/26/09	BGL				

Analytical Method:
SW846 8270
SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

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DAVID SULLIVAN
TRC SOLUTIONS - LOWELL
650 SUFFOLK STREET
LOWELL, MA 01852

2/27/2009

Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009
Field Sample # : SB-357 (7)

LIMS-BAT #: LIMT-23303
Job Number: 115058

Sample ID : 09B04359

‡Sampled : 2/16/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acenaphthene	mg/kg dry wt	ND	02/23/09	BGL	0.198			
Acenaphthylene	mg/kg dry wt	ND	02/23/09	BGL	0.198			
Anthracene	mg/kg dry wt	ND	02/23/09	BGL	0.198			
Benzo(a)anthracene	mg/kg dry wt	ND	02/23/09	BGL	0.198			
Benzo(a)pyrene	mg/kg dry wt	ND	02/23/09	BGL	0.198			
Benzo(b)fluoranthene	mg/kg dry wt	ND	02/23/09	BGL	0.198			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	02/23/09	BGL	0.198			
Benzo(k)fluoranthene	mg/kg dry wt	ND	02/23/09	BGL	0.198			
Chrysene	mg/kg dry wt	ND	02/23/09	BGL	0.198			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/23/09	BGL	0.198			
Fluoranthene	mg/kg dry wt	ND	02/23/09	BGL	0.198			
Fluorene	mg/kg dry wt	ND	02/23/09	BGL	0.198			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	02/23/09	BGL	0.198			
2-Methylnaphthalene	mg/kg dry wt	ND	02/23/09	BGL	0.198			
Naphthalene	mg/kg dry wt	ND	02/23/09	BGL	0.198			
Phenanthrene	mg/kg dry wt	ND	02/23/09	BGL	0.198			
Pyrene	mg/kg dry wt	ND	02/23/09	BGL	0.198			
Extraction Date 8270		2/18/2009	02/23/09	BGL				

Analytical Method:
SW846 8270
SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

RL = Reporting Limit

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DAVID SULLIVAN
TRC SOLUTIONS - LOWELL
650 SUFFOLK STREET
LOWELL, MA 01852

2/27/2009

Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009
Field Sample # : SB-358 (0-1)

LIMS-BAT #: LIMT-23303
Job Number: 115058

Sample ID : 09B04360

‡Sampled : 2/16/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acenaphthene	mg/kg dry wt	ND	02/23/09	BGL	0.198			
Acenaphthylene	mg/kg dry wt	ND	02/23/09	BGL	0.198			
Anthracene	mg/kg dry wt	ND	02/23/09	BGL	0.198			
Benzo(a)anthracene	mg/kg dry wt	ND	02/23/09	BGL	0.198			
Benzo(a)pyrene	mg/kg dry wt	ND	02/23/09	BGL	0.198			
Benzo(b)fluoranthene	mg/kg dry wt	ND	02/23/09	BGL	0.198			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	02/23/09	BGL	0.198			
Benzo(k)fluoranthene	mg/kg dry wt	ND	02/23/09	BGL	0.198			
Chrysene	mg/kg dry wt	ND	02/23/09	BGL	0.198			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/23/09	BGL	0.198			
Fluoranthene	mg/kg dry wt	ND	02/23/09	BGL	0.198			
Fluorene	mg/kg dry wt	ND	02/23/09	BGL	0.198			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	02/23/09	BGL	0.198			
2-Methylnaphthalene	mg/kg dry wt	ND	02/23/09	BGL	0.198			
Naphthalene	mg/kg dry wt	ND	02/23/09	BGL	0.198			
Phenanthrene	mg/kg dry wt	ND	02/23/09	BGL	0.198			
Pyrene	mg/kg dry wt	ND	02/23/09	BGL	0.198			
Extraction Date 8270		2/18/2009	02/23/09	BGL				

Analytical Method:
SW846 8270
SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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DAVID SULLIVAN
TRC SOLUTIONS - LOWELL
650 SUFFOLK STREET
LOWELL, MA 01852

2/27/2009

Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009
Field Sample # : SB-358 (1-3)

LIMS-BAT #: LIMT-23303
Job Number: 115058

Sample ID : 09B04361

‡Sampled : 2/16/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acenaphthene	mg/kg dry wt	ND	02/26/09	BGL	0.189			
Acenaphthylene	mg/kg dry wt	ND	02/26/09	BGL	0.189			
Anthracene	mg/kg dry wt	ND	02/26/09	BGL	0.189			
Benzo(a)anthracene	mg/kg dry wt	ND	02/26/09	BGL	0.189			
Benzo(a)pyrene	mg/kg dry wt	ND	02/26/09	BGL	0.189			
Benzo(b)fluoranthene	mg/kg dry wt	ND	02/26/09	BGL	0.189			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	02/26/09	BGL	0.189			
Benzo(k)fluoranthene	mg/kg dry wt	ND	02/26/09	BGL	0.189			
Chrysene	mg/kg dry wt	ND	02/26/09	BGL	0.189			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/26/09	BGL	0.189			
Fluoranthene	mg/kg dry wt	0.197	02/26/09	BGL	0.189			
Fluorene	mg/kg dry wt	ND	02/26/09	BGL	0.189			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	02/26/09	BGL	0.189			
2-Methylnaphthalene	mg/kg dry wt	ND	02/26/09	BGL	0.189			
Naphthalene	mg/kg dry wt	ND	02/26/09	BGL	0.189			
Phenanthrene	mg/kg dry wt	ND	02/26/09	BGL	0.189			
Pyrene	mg/kg dry wt	0.339	02/26/09	BGL	0.189			
Extraction Date 8270		2/18/2009	02/26/09	BGL				

Analytical Method:
SW846 8270
SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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ND = Not Detected at or above the Reporting Limit

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DAVID SULLIVAN
TRC SOLUTIONS - LOWELL
650 SUFFOLK STREET
LOWELL, MA 01852

2/27/2009

Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009
Field Sample # : SB-358 (4)

LIMS-BAT #: LIMT-23303
Job Number: 115058

Sample ID : 09B04362

‡Sampled : 2/16/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acenaphthene	mg/kg dry wt	ND	02/23/09	BGL	0.216			
Acenaphthylene	mg/kg dry wt	ND	02/23/09	BGL	0.216			
Anthracene	mg/kg dry wt	ND	02/23/09	BGL	0.216			
Benzo(a)anthracene	mg/kg dry wt	ND	02/23/09	BGL	0.216			
Benzo(a)pyrene	mg/kg dry wt	ND	02/23/09	BGL	0.216			
Benzo(b)fluoranthene	mg/kg dry wt	0.260	02/23/09	BGL	0.216			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	02/23/09	BGL	0.216			
Benzo(k)fluoranthene	mg/kg dry wt	ND	02/23/09	BGL	0.216			
Chrysene	mg/kg dry wt	0.221	02/23/09	BGL	0.216			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/23/09	BGL	0.216			
Fluoranthene	mg/kg dry wt	0.464	02/23/09	BGL	0.216			
Fluorene	mg/kg dry wt	ND	02/23/09	BGL	0.216			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	02/23/09	BGL	0.216			
2-Methylnaphthalene	mg/kg dry wt	ND	02/23/09	BGL	0.216			
Naphthalene	mg/kg dry wt	ND	02/23/09	BGL	0.216			
Phenanthrene	mg/kg dry wt	0.288	02/23/09	BGL	0.216			
Pyrene	mg/kg dry wt	0.315	02/23/09	BGL	0.216			
Extraction Date 8270		2/18/2009	02/23/09	BGL				

Analytical Method:
SW846 8270
SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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TRC SOLUTIONS - LOWELL
650 SUFFOLK STREET
LOWELL, MA 01852

2/27/2009

Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009
Field Sample # : SB-358 (9.5-10)

LIMS-BAT #: LIMT-23303
Job Number: 115058

Sample ID : 09B04363

‡Sampled : 2/16/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acenaphthene	mg/kg dry wt	ND	02/23/09	BGL	0.194			
Acenaphthylene	mg/kg dry wt	ND	02/23/09	BGL	0.194			
Anthracene	mg/kg dry wt	ND	02/23/09	BGL	0.194			
Benzo(a)anthracene	mg/kg dry wt	ND	02/23/09	BGL	0.194			
Benzo(a)pyrene	mg/kg dry wt	ND	02/23/09	BGL	0.194			
Benzo(b)fluoranthene	mg/kg dry wt	ND	02/23/09	BGL	0.194			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	02/23/09	BGL	0.194			
Benzo(k)fluoranthene	mg/kg dry wt	ND	02/23/09	BGL	0.194			
Chrysene	mg/kg dry wt	ND	02/23/09	BGL	0.194			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/23/09	BGL	0.194			
Fluoranthene	mg/kg dry wt	ND	02/23/09	BGL	0.194			
Fluorene	mg/kg dry wt	ND	02/23/09	BGL	0.194			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	02/23/09	BGL	0.194			
2-Methylnaphthalene	mg/kg dry wt	ND	02/23/09	BGL	0.194			
Naphthalene	mg/kg dry wt	ND	02/23/09	BGL	0.194			
Phenanthrene	mg/kg dry wt	ND	02/23/09	BGL	0.194			
Pyrene	mg/kg dry wt	ND	02/23/09	BGL	0.194			
Extraction Date 8270		2/18/2009	02/23/09	BGL				

Analytical Method:
SW846 8270
SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

RL = Reporting Limit

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DAVID SULLIVAN
TRC SOLUTIONS - LOWELL
650 SUFFOLK STREET
LOWELL, MA 01852

2/27/2009

Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009
Field Sample # : SB-DL-4

LIMS-BAT #: LIMT-23303
Job Number: 115058

Sample ID : 09B04364 ‡Sampled : 2/16/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acenaphthene	mg/kg dry wt	ND	02/25/09	BGL	0.225			
Acenaphthylene	mg/kg dry wt	ND	02/25/09	BGL	0.225			
Anthracene	mg/kg dry wt	0.353	02/25/09	BGL	0.225			
Benzo(a)anthracene	mg/kg dry wt	2.04	02/25/09	BGL	0.225			
Benzo(a)pyrene	mg/kg dry wt	1.67	02/25/09	BGL	0.225			
Benzo(b)fluoranthene	mg/kg dry wt	2.05	02/25/09	BGL	0.225			
Benzo(g,h,i)perylene	mg/kg dry wt	0.461	02/25/09	BGL	0.225			
Benzo(k)fluoranthene	mg/kg dry wt	0.928	02/25/09	BGL	0.225			
Chrysene	mg/kg dry wt	1.90	02/25/09	BGL	0.225			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/25/09	BGL	0.225			
Fluoranthene	mg/kg dry wt	3.21	02/25/09	BGL	0.225			
Fluorene	mg/kg dry wt	ND	02/25/09	BGL	0.225			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	0.675	02/25/09	BGL	0.225			
2-Methylnaphthalene	mg/kg dry wt	ND	02/25/09	BGL	0.225			
Naphthalene	mg/kg dry wt	ND	02/25/09	BGL	0.225			
Phenanthrene	mg/kg dry wt	1.21	02/25/09	BGL	0.225			
Pyrene	mg/kg dry wt	2.96	02/25/09	BGL	0.225			
Extraction Date 8270		02/24/2009	02/25/09	BGL				

Analytical Method:
SW846 8270
SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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con-test® ANALYTICAL LABORATORY

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DAVID SULLIVAN
TRC SOLUTIONS - LOWELL
650 SUFFOLK STREET
LOWELL, MA 01852

Purchase Order No.:

2/27/2009

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009

LIMS-BAT #: LIMT-23303
Job Number: 115058

Field Sample # : SB-357 (4)

Sample ID : 09B04358 ‡Sampled : 2/16/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Solids, total	%	69.2	02/19/09	FD				

Field Sample # : SB-357 (7)

Sample ID : 09B04359 ‡Sampled : 2/16/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Solids, total	%	84.4	02/19/09	FD				

Field Sample # : SB-358 (0-1)

Sample ID : 09B04360 ‡Sampled : 2/16/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Solids, total	%	84.5	02/19/09	FD				

Field Sample # : SB-358 (1-3)

Sample ID : 09B04361 ‡Sampled : 2/16/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Solids, total	%	88.5	02/19/09	FD				

Field Sample # : SB-358 (4)

Sample ID : 09B04362 ‡Sampled : 2/16/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Solids, total	%	77.3	02/19/09	FD				

RL = Reporting Limit

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SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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DAVID SULLIVAN
TRC SOLUTIONS - LOWELL
650 SUFFOLK STREET
LOWELL, MA 01852

2/27/2009

Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009

LIMS-BAT #: LIMT-23303
Job Number: 115058

Field Sample # : SB-358 (9.5-10)

Sample ID : 09B04363 ‡Sampled : 2/16/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Solids, total	%	86.3	02/19/09	FD				

Field Sample # : SB-DL-4

Sample ID : 09B04364 ‡Sampled : 2/16/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Solids, total	%	74.3	02/19/09	FD				

Analytical Method:
SM 2540G
PERCENT OF SAMPLE REMAINING AFTER DRYING OVERNIGHT AT 103-105 DEGREES CENTIGRADE.

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample

‡ = See attached chain-of-custody record for time sampled

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39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

DAVID SULLIVAN
TRC SOLUTIONS - LOWELL
650 SUFFOLK STREET
LOWELL, MA 01852

2/27/2009

Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009

LIMS-BAT #: LIMT-23303
Job Number: 115058

** END OF REPORT **

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 2/27/2009 Lims Bat # : LIMT-23303

QC Batch Number: GCMS/SEMI-11946

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04358					
	Nitrobenzene-d5	Surrogate Recovery	56.8	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	59.2	%	30-130
	Terphenyl-d14	Surrogate Recovery	77.2	%	30-130
09B04359					
	Nitrobenzene-d5	Surrogate Recovery	36.9	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	37.7	%	30-130
	Terphenyl-d14	Surrogate Recovery	29.9	%	30-130
09B04360					
	Nitrobenzene-d5	Surrogate Recovery	34.3	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	33.8	%	30-130
	Terphenyl-d14	Surrogate Recovery	27.3	%	30-130
09B04361					
	Nitrobenzene-d5	Surrogate Recovery	42.7	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	46.6	%	30-130
	Terphenyl-d14	Surrogate Recovery	66.1	%	30-130
09B04362					
	Nitrobenzene-d5	Surrogate Recovery	31.6	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	31.8	%	30-130
	Terphenyl-d14	Surrogate Recovery	26.2	%	30-130
09B04363					
	Nitrobenzene-d5	Surrogate Recovery	35.5	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	36.2	%	30-130
	Terphenyl-d14	Surrogate Recovery	30.5	%	30-130
09B04364					
	Nitrobenzene-d5	Surrogate Recovery	31.4	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	30.2	%	30-130
	Terphenyl-d14	Surrogate Recovery	31.2	%	30-130
BLANK-129825					
	Naphthalene	Blank	<0.167	mg/kg dry wt	
	Acenaphthene	Blank	<0.167	mg/kg dry wt	
	Acenaphthylene	Blank	<0.167	mg/kg dry wt	
	Anthracene	Blank	<0.167	mg/kg dry wt	
	Benzo(a)anthracene	Blank	<0.167	mg/kg dry wt	
	Benzo(a)pyrene	Blank	<0.167	mg/kg dry wt	
	Benzo(b)fluoranthene	Blank	<0.167	mg/kg dry wt	
	Benzo(g,h,i)perylene	Blank	<0.167	mg/kg dry wt	
	Chrysene	Blank	<0.167	mg/kg dry wt	
	Dibenz(a,h)anthracene	Blank	<0.167	mg/kg dry wt	
	Fluoranthene	Blank	<0.167	mg/kg dry wt	
	Fluorene	Blank	<0.167	mg/kg dry wt	
	Indeno(1,2,3-cd)pyrene	Blank	<0.167	mg/kg dry wt	
	2-Methylnaphthalene	Blank	<0.167	mg/kg dry wt	
	Phenanthrene	Blank	<0.167	mg/kg dry wt	

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Method Blanks

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QC Batch Number: GCMS/SEMI-11946

Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-129825					
	Pyrene	Blank	<0.167	mg/kg dry wt	
	Benzo(k)fluoranthene	Blank	<0.167	mg/kg dry wt	
BLANK-129847					
	Naphthalene	Blank	<0.167	mg/kg dry wt	
	Acenaphthene	Blank	<0.167	mg/kg dry wt	
	Acenaphthylene	Blank	<0.167	mg/kg dry wt	
	Anthracene	Blank	<0.167	mg/kg dry wt	
	Benzo(a)anthracene	Blank	<0.167	mg/kg dry wt	
	Benzo(a)pyrene	Blank	<0.167	mg/kg dry wt	
	Benzo(b)fluoranthene	Blank	<0.167	mg/kg dry wt	
	Benzo(g,h,i)perylene	Blank	<0.167	mg/kg dry wt	
	Chrysene	Blank	<0.167	mg/kg dry wt	
	Dibenz(a,h)anthracene	Blank	<0.167	mg/kg dry wt	
	Fluoranthene	Blank	<0.167	mg/kg dry wt	
	Fluorene	Blank	<0.167	mg/kg dry wt	
	Indeno(1,2,3-cd)pyrene	Blank	<0.167	mg/kg dry wt	
	2-Methylnaphthalene	Blank	<0.167	mg/kg dry wt	
	Phenanthrene	Blank	<0.167	mg/kg dry wt	
	Pyrene	Blank	<0.167	mg/kg dry wt	
	Benzo(k)fluoranthene	Blank	<0.167	mg/kg dry wt	
LFBLANK-91942					
	Naphthalene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.015	mg/kg dry wt	
		Lab Fort Blk. % Rec.	60.940	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	1.075	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	64.519	%	
		Lab Fort Blank Range	3.579	units	
		Lab Fort Bl. Av. Rec	62.729	%	
		LFB Duplicate RPD	5.706	%	0-30
	Acenaphthene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	0.994	mg/kg dry wt	
		Lab Fort Blk. % Rec.	59.639	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.987	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	59.239	%	
		Lab Fort Blank Range	0.399	units	
		Lab Fort Bl. Av. Rec	59.439	%	
		LFB Duplicate RPD	0.672	%	0-30
	Acenaphthylene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	0.995	mg/kg dry wt	
		Lab Fort Blk. % Rec.	59.699	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	

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LFBLANK-91942					
	Acenaphthylene	Dup Lab Fort Bl. Fnd	0.982	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	58.919	%	
		Lab Fort Blank Range	0.779	units	
		Lab Fort Bl. Av. Rec	59.309	%	
		LFB Duplicate RPD	1.315	%	0-30
	Anthracene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	0.959	mg/kg dry wt	
		Lab Fort Blk. % Rec.	57.559	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.974	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	58.479	%	
		Lab Fort Blank Range	0.919	units	
		Lab Fort Bl. Av. Rec	58.019	%	
		LFB Duplicate RPD	1.585	%	0-30
	Benzo(a)anthracene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	0.965	mg/kg dry wt	
		Lab Fort Blk. % Rec.	57.899	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.987	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	59.219	%	
		Lab Fort Blank Range	1.320	units	
		Lab Fort Bl. Av. Rec	58.559	%	
		LFB Duplicate RPD	2.254	%	0-30
	Benzo(a)pyrene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	0.967	mg/kg dry wt	
		Lab Fort Blk. % Rec.	58.059	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.986	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	59.179	%	
		Lab Fort Blank Range	1.120	units	
		Lab Fort Bl. Av. Rec	58.619	%	
		LFB Duplicate RPD	1.910	%	0-30
	Benzo(b)fluoranthene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	0.847	mg/kg dry wt	
		Lab Fort Blk. % Rec.	50.839	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.702	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	42.119	%	
		Lab Fort Blank Range	8.719	units	
		Lab Fort Bl. Av. Rec	46.479	%	
		LFB Duplicate RPD	18.760	%	0-30
	Benzo(g,h,i)perylene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	0.780	mg/kg dry wt	

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QC SUMMARY REPORT

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Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-91942					
	Benzo(g,h,i)perylene	Lab Fort Blk. % Rec.	46.819	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.801	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	48.059	%	
		Lab Fort Blank Range	1.240	units	
		Lab Fort Bl. Av. Rec	47.439	%	
		LFB Duplicate RPD	2.613	%	0-30
	Chrysene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.012	mg/kg dry wt	
		Lab Fort Blk. % Rec.	60.739	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.996	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	59.799	%	
		Lab Fort Blank Range	0.939	units	
		Lab Fort Bl. Av. Rec	60.269	%	
		LFB Duplicate RPD	1.559	%	0-30
	Dibenz(a,h)anthracene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	0.843	mg/kg dry wt	
		Lab Fort Blk. % Rec.	50.619	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.844	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	50.659	%	
		Lab Fort Blank Range	0.039	units	
		Lab Fort Bl. Av. Rec	50.639	%	
		LFB Duplicate RPD	0.078	%	0-30
	Fluoranthene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	0.615	mg/kg dry wt	
		Lab Fort Blk. % Rec.	36.920	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.632	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	37.959	%	
		Lab Fort Blank Range	1.039	units	
		Lab Fort Bl. Av. Rec	37.440	%	
		LFB Duplicate RPD	2.777	%	0-30
	Fluorene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	0.958	mg/kg dry wt	
		Lab Fort Blk. % Rec.	57.519	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.909	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	54.559	%	
		Lab Fort Blank Range	2.959	units	
		Lab Fort Bl. Av. Rec	56.039	%	
		LFB Duplicate RPD	5.281	%	0-30

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QC SUMMARY REPORT

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Sample Matrix Spikes and Matrix Spike Duplicates

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Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-91942					
	Indeno(1,2,3-cd)pyrene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	0.894	mg/kg dry wt	
		Lab Fort Blk. % Rec.	53.659	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.895	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	53.719	%	
		Lab Fort Blank Range	0.059	units	
		Lab Fort Bl. Av. Rec	53.689	%	
		LFB Duplicate RPD	0.111	%	0-30
	2-Methylnaphthalene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.050	mg/kg dry wt	
		Lab Fort Blk. % Rec.	63.040	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	1.149	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	68.959	%	
		Lab Fort Blank Range	5.919	units	
		Lab Fort Bl. Av. Rec	65.999	%	
		LFB Duplicate RPD	8.969	%	0-30
	Phenanthrene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	0.965	mg/kg dry wt	
		Lab Fort Blk. % Rec.	57.899	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.968	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	58.119	%	
		Lab Fort Blank Range	0.220	units	
		Lab Fort Bl. Av. Rec	58.009	%	
		LFB Duplicate RPD	0.379	%	0-30
	Pyrene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.068	mg/kg dry wt	
		Lab Fort Blk. % Rec.	64.079	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.981	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	58.859	%	
		Lab Fort Blank Range	5.220	units	
		Lab Fort Bl. Av. Rec	61.469	%	
		LFB Duplicate RPD	8.491	%	0-30
	Benzo(k)fluoranthene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	0.937	mg/kg dry wt	
		Lab Fort Blk. % Rec.	56.239	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.984	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	59.059	%	
		Lab Fort Blank Range	2.820	units	

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LFBLANK-91942					
	Benzo(k)fluoranthene	Lab Fort Bl. Av. Rec	57.649	%	
		LFB Duplicate RPD	4.891	%	0-30
LFBLANK-91967					
	Naphthalene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	61.219	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	1.024	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	61.459	%	
		Lab Fort Blank Range	0.239	units	
		Lab Fort Bl. Av. Rec	61.339	%	
		LFB Duplicate RPD	0.391	%	0-30
	Acenaphthene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.046	mg/kg dry wt	
		Lab Fort Blk. % Rec.	62.779	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	1.057	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	63.419	%	
		Lab Fort Blank Range	0.640	units	
		Lab Fort Bl. Av. Rec	63.099	%	
		LFB Duplicate RPD	1.014	%	0-30
	Acenaphthylene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.052	mg/kg dry wt	
		Lab Fort Blk. % Rec.	63.139	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	1.059	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	63.559	%	
		Lab Fort Blank Range	0.419	units	
		Lab Fort Bl. Av. Rec	63.349	%	
		LFB Duplicate RPD	0.662	%	0-30
	Anthracene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.079	mg/kg dry wt	
		Lab Fort Blk. % Rec.	64.739	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	1.076	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	64.600	%	
		Lab Fort Blank Range	0.139	units	
		Lab Fort Bl. Av. Rec	64.670	%	
		LFB Duplicate RPD	0.216	%	0-30
	Benzo(a)anthracene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.108	mg/kg dry wt	
		Lab Fort Blk. % Rec.	66.499	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	

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LFBLANK-91967					
	Benzo(a)anthracene	Dup Lab Fort Bl. Fnd	1.107	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	66.439	%	
		Lab Fort Blank Range	0.059	units	
		Lab Fort Bl. Av. Rec	66.469	%	
		LFB Duplicate RPD	0.090	%	0-30
	Benzo(a)pyrene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.115	mg/kg dry wt	
		Lab Fort Blk. % Rec.	66.919	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	1.112	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	66.739	%	
		Lab Fort Blank Range	0.180	units	
		Lab Fort Bl. Av. Rec	66.829	%	
		LFB Duplicate RPD	0.269	%	0-30
	Benzo(b)fluoranthene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.083	mg/kg dry wt	
		Lab Fort Blk. % Rec.	65.020	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	1.056	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	63.379	%	
		Lab Fort Blank Range	1.640	units	
		Lab Fort Bl. Av. Rec	64.199	%	
		LFB Duplicate RPD	2.554	%	0-30
	Benzo(g,h,i)perylene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	0.676	mg/kg dry wt	
		Lab Fort Blk. % Rec.	40.599	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.701	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	42.079	%	
		Lab Fort Blank Range	1.479	units	
		Lab Fort Bl. Av. Rec	41.339	%	
		LFB Duplicate RPD	3.580	%	0-30
	Chrysene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.146	mg/kg dry wt	
		Lab Fort Blk. % Rec.	68.800	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	1.144	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	68.639	%	
		Lab Fort Blank Range	0.160	units	
		Lab Fort Bl. Av. Rec	68.720	%	
		LFB Duplicate RPD	0.232	%	0-30
	Dibenz(a,h)anthracene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	0.797	mg/kg dry wt	

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Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-91967					
	Dibenz(a,h)anthracene	Lab Fort Blk. % Rec.	47.859	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.802	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	48.159	%	
		Lab Fort Blank Range	0.299	units	
		Lab Fort Bl. Av. Rec	48.009	%	
		LFB Duplicate RPD	0.624	%	0-30
	Fluoranthene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	0.906	mg/kg dry wt	
		Lab Fort Blk. % Rec.	54.359	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.921	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	55.259	%	
		Lab Fort Blank Range	0.900	units	
		Lab Fort Bl. Av. Rec	54.809	%	
		LFB Duplicate RPD	1.642	%	0-30
	Fluorene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.048	mg/kg dry wt	
		Lab Fort Blk. % Rec.	62.879	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	1.084	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	65.059	%	
		Lab Fort Blank Range	2.179	units	
		Lab Fort Bl. Av. Rec	63.969	%	
		LFB Duplicate RPD	3.407	%	0-30
	Indeno(1,2,3-cd)pyrene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	0.721	mg/kg dry wt	
		Lab Fort Blk. % Rec.	43.259	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.770	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	46.219	%	
		Lab Fort Blank Range	2.959	units	
		Lab Fort Bl. Av. Rec	44.739	%	
		LFB Duplicate RPD	6.616	%	0-30
	2-Methylnaphthalene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.105	mg/kg dry wt	
		Lab Fort Blk. % Rec.	66.299	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	1.191	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	71.500	%	
		Lab Fort Blank Range	5.200	units	
		Lab Fort Bl. Av. Rec	68.900	%	
		LFB Duplicate RPD	7.547	%	0-30

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 2/27/2009 Lims Bat # : LIMT-23303

QC Batch Number: GCMS/SEMI-11946

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-91967					
	Phenanthrene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.057	mg/kg dry wt	
		Lab Fort Blk. % Rec.	63.439	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	1.050	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	63.040	%	
		Lab Fort Blank Range	0.399	units	
		Lab Fort Bl. Av. Rec	63.239	%	
		LFB Duplicate RPD	0.632	%	0-30
	Pyrene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.039	mg/kg dry wt	
		Lab Fort Blk. % Rec.	62.359	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	1.021	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	61.300	%	
		Lab Fort Blank Range	1.059	units	
		Lab Fort Bl. Av. Rec	61.829	%	
		LFB Duplicate RPD	1.714	%	0-30
	Benzo(k)fluoranthene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.215	mg/kg dry wt	
		Lab Fort Blk. % Rec.	72.919	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	1.175	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	70.519	%	
		Lab Fort Blank Range	2.399	units	
		Lab Fort Bl. Av. Rec	71.719	%	
		LFB Duplicate RPD	3.346	%	0-30

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 2/27/2009 Lims Bat # : LIMT-23303

QC Batch Number: HG-9878

Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-129722					
	Mercury	Blank	<0.025	mg/kg dry wt	
LFBLANK-91828					
	Mercury	Lab Fort Blank Amt.	1.250	mg/kg dry wt	
		Lab Fort Blk. Found	1.278	mg/kg dry wt	
		Lab Fort Blk. % Rec.	102.270	%	65.9-133
		Dup Lab Fort Bl Amt.	1.250	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	1.347	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	107.767	%	65.9-133
		Lab Fort Blank Range	5.496	units	
		Lab Fort Bl. Av. Rec	105.019	%	
		LFB Duplicate RPD	5.233	%	

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
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Standard Reference Materials and Duplicates
Method Blanks

Report Date: 2/27/2009 Lims Bat # : LIMT-23303

QC Batch Number: ICP-21193

Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-129785					
	Silver	Blank	<0.50	mg/kg dry wt	
	Arsenic	Blank	<2.50	mg/kg dry wt	
	Barium	Blank	<5.00	mg/kg dry wt	
	Beryllium	Blank	<0.25	mg/kg dry wt	
	Cadmium	Blank	<0.25	mg/kg dry wt	
	Chromium	Blank	<0.50	mg/kg dry wt	
	Nickel	Blank	<0.50	mg/kg dry wt	
	Lead	Blank	<0.75	mg/kg dry wt	
	Antimony	Blank	<4.00	mg/kg dry wt	
	Selenium	Blank	<5.00	mg/kg dry wt	
	Thallium	Blank	<3.00	mg/kg dry wt	
	Vanadium	Blank	<5.00	mg/kg dry wt	
	Zinc	Blank	<1.00	mg/kg dry wt	
LFBLANK-91897					
	Silver	Lab Fort Blank Amt.	62.40	mg/kg dry wt	
		Lab Fort Blk. Found	55.01	mg/kg dry wt	
		Lab Fort Blk. % Rec.	88.15	%	66-133
		Dup Lab Fort Bl Amt.	62.40	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	58.23	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	93.31	%	66-133
		Lab Fort Blank Range	5.16	units	
		Lab Fort Bl. Av. Rec	90.73	%	
		LFB Duplicate RPD	5.68	%	0-30
	Arsenic	Lab Fort Blank Amt.	123.00	mg/kg dry wt	
		Lab Fort Blk. Found	124.19	mg/kg dry wt	
		Lab Fort Blk. % Rec.	100.96	%	80-120
		Dup Lab Fort Bl Amt.	123.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	126.06	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	102.48	%	80-120
		Lab Fort Blank Range	1.52	units	
		Lab Fort Bl. Av. Rec	101.72	%	
		LFB Duplicate RPD	1.49	%	0-30
	Barium	Lab Fort Blank Amt.	256.00	mg/kg dry wt	
		Lab Fort Blk. Found	247.64	mg/kg dry wt	
		Lab Fort Blk. % Rec.	96.73	%	81-119
		Dup Lab Fort Bl Amt.	256.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	259.66	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	101.42	%	81-119
		Lab Fort Blank Range	4.69	units	
		Lab Fort Bl. Av. Rec	99.08	%	
		LFB Duplicate RPD	4.73	%	0-30
	Beryllium	Lab Fort Blank Amt.	75.90	mg/kg dry wt	
		Lab Fort Blk. Found	76.17	mg/kg dry wt	

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 2/27/2009 Lims Bat # : LIMT-23303

QC Batch Number: ICP-21193

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-91897					
	Beryllium	Lab Fort Blk. % Rec.	100.35	%	84-116
		Dup Lab Fort Bl Amt.	75.90	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	78.98	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	104.07	%	84-116
		Lab Fort Blank Range	3.71	units	
		Lab Fort Bl. Av. Rec	102.21	%	
		LFB Duplicate RPD	3.63	%	0-30
	Cadmium	Lab Fort Blank Amt.	258.00	mg/kg dry wt	
		Lab Fort Blk. Found	257.37	mg/kg dry wt	
		Lab Fort Blk. % Rec.	99.75	%	83-117
		Dup Lab Fort Bl Amt.	258.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	266.08	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	103.13	%	83-117
		Lab Fort Blank Range	3.37	units	
		Lab Fort Bl. Av. Rec	101.44	%	
		LFB Duplicate RPD	3.32	%	0-30
	Chromium	Lab Fort Blank Amt.	138.00	mg/kg dry wt	
		Lab Fort Blk. Found	136.08	mg/kg dry wt	
		Lab Fort Blk. % Rec.	98.60	%	82-118
		Dup Lab Fort Bl Amt.	138.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	142.69	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	103.39	%	82-118
		Lab Fort Blank Range	4.78	units	
		Lab Fort Bl. Av. Rec	101.00	%	
		LFB Duplicate RPD	4.74	%	0-30
	Nickel	Lab Fort Blank Amt.	111.00	mg/kg dry wt	
		Lab Fort Blk. Found	105.85	mg/kg dry wt	
		Lab Fort Blk. % Rec.	95.36	%	80-120
		Dup Lab Fort Bl Amt.	111.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	110.48	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	99.53	%	80-120
		Lab Fort Blank Range	4.17	units	
		Lab Fort Bl. Av. Rec	97.44	%	
		LFB Duplicate RPD	4.28	%	0-30
	Lead	Lab Fort Blank Amt.	136.00	mg/kg dry wt	
		Lab Fort Blk. Found	122.21	mg/kg dry wt	
		Lab Fort Blk. % Rec.	89.86	%	82-118
		Dup Lab Fort Bl Amt.	136.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	129.07	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	94.90	%	82-118
		Lab Fort Blank Range	5.04	units	
		Lab Fort Bl. Av. Rec	92.38	%	
		LFB Duplicate RPD	5.46	%	0-30

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 2/27/2009 Lims Bat # : LIMT-23303

QC Batch Number: ICP-21193

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-91897					
	Antimony	Lab Fort Blank Amt.	138.00	mg/kg dry wt	
		Lab Fort Blk. Found	136.99	mg/kg dry wt	
		Lab Fort Blk. % Rec.	99.26	%	30-207
		Dup Lab Fort Bl Amt.	138.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	137.94	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	99.95	%	30-207
		Lab Fort Blank Range	0.68	units	
		Lab Fort Bl. Av. Rec	99.61	%	
		LFB Duplicate RPD	0.69	%	0-30
	Selenium	Lab Fort Blank Amt.	199.00	mg/kg dry wt	
		Lab Fort Blk. Found	194.87	mg/kg dry wt	
		Lab Fort Blk. % Rec.	97.92	%	77-123
		Dup Lab Fort Bl Amt.	199.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	202.18	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	101.59	%	77-123
		Lab Fort Blank Range	3.67	units	
		Lab Fort Bl. Av. Rec	99.76	%	
		LFB Duplicate RPD	3.68	%	0-30
	Thallium	Lab Fort Blank Amt.	297.00	mg/kg dry wt	
		Lab Fort Blk. Found	295.99	mg/kg dry wt	
		Lab Fort Blk. % Rec.	99.65	%	82-120
		Dup Lab Fort Bl Amt.	297.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	305.27	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	102.78	%	82-120
		Lab Fort Blank Range	3.12	units	
		Lab Fort Bl. Av. Rec	101.22	%	
		LFB Duplicate RPD	3.09	%	0-30
	Vanadium	Lab Fort Blank Amt.	158.00	mg/kg dry wt	
		Lab Fort Blk. Found	159.75	mg/kg dry wt	
		Lab Fort Blk. % Rec.	101.10	%	80-120
		Dup Lab Fort Bl Amt.	158.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	166.40	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	105.31	%	80-120
		Lab Fort Blank Range	4.20	units	
		Lab Fort Bl. Av. Rec	103.21	%	
		LFB Duplicate RPD	4.07	%	0-30
	Zinc	Lab Fort Blank Amt.	314.00	mg/kg dry wt	
		Lab Fort Blk. Found	301.43	mg/kg dry wt	
		Lab Fort Blk. % Rec.	95.99	%	81-119
		Dup Lab Fort Bl Amt.	314.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	298.37	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	95.02	%	81-119
		Lab Fort Blank Range	0.97	units	

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QC SUMMARY REPORT

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BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 2/27/2009 Lims Bat # : LIMT-23303

QC Batch Number: ICP-21193

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-91897					
	Zinc	Lab Fort Bl. Av. Rec	95.50	%	
		LFB Duplicate RPD	1.02	%	0-30

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
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BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

NOTES:

QC Batch No. : GCMS/SEMI-11946
Sample ID : 09B04359
Analysis : Terphenyl-d14

SURROGATE RECOVERY OUTSIDE OF CON-TEST CONTROL LIMITS, BUT WITHIN METHOD REQUIREMENTS.

QC Batch No. : GCMS/SEMI-11946
Sample ID : 09B04360
Analysis : Terphenyl-d14

SURROGATE RECOVERY OUTSIDE OF CON-TEST CONTROL LIMITS, BUT WITHIN METHOD REQUIREMENTS.

QC Batch No. : GCMS/SEMI-11946
Sample ID : 09B04362
Analysis : Terphenyl-d14

SURROGATE RECOVERY OUTSIDE OF CON-TEST CONTROL LIMITS, BUT WITHIN METHOD REQUIREMENTS.

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QC SUMMARY REPORT

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Method Blanks

QUALITY CONTROL DEFINITIONS AND ABBREVIATIONS

QC BATCH NUMBER	This is the number assigned to all samples analyzed together that would be subject to comparison with a particular set of Quality Control Data.
LIMITS	Upper and Lower Control Limits for the QC ANALYSIS Reported. All values normally would fall within these statistically determined limits, unless there is an unusual circumstance that would be documented in a NOTE appearing on the last page of the QC SUMMARY REPORT. Not all QC results will have Limits defined.
Sample Amount	Amount of analyte found in a sample.
Blank	Method Blank that has been taken though all the steps of the analysis.
LFBLANK	Laboratory Fortified Blank (a control sample)
STDADD	Standard Added (a laboratory control sample)
Matrix Spk Amt Added	Amount of analyte spiked into a sample
MS Amt Measured	Amount of analyte found including amount that was spiked
Matrix Spike % Rec.	% Recovery of spiked amount in sample.
Duplicate Value	The result from the Duplicate analysis of the sample.
Duplicate RPD	The Relative Percent Difference between two Duplicate Analyses.
Surrogate Recovery	The % Recovery for non-environmental compounds (surrogates) spiked into samples to determine the performance of the analytical methods.
Sur. Recovery (ELCD)	Surrogate Recovery on the Electrolytic Conductivity Detector.
Sur. Recovery (PID)	Surrogate Recovery on the Photoionization Detector.
Standard Measured	Amount measured for a laboratory control sample
Standard Amt Added	Known value for a laboratory control sample
Standard % Recovery	% recovered for a laboratory control sample with a known value.
Lab Fort Blank Amt	Laboratory Fortified Blank Amount Added
Lab Fort Blk. Found	Laboratory Fortified Blank Amount Found
Lab Fort Blk % Rec	Laboratory Fortified Blank % Recovered
Dup Lab Fort Bl Amt	Duplicate Laboratory Fortified Blank Amount Added
Dup Lab Fort Bl Fnd	Duplicate Laboratory Fortified Blank Amount Found
Dup Lab Fort Bl % Rec	Duplicate Laboratory Fortified Blank % Recovery
Lab Fort Blank Range	Laboratory Fortified Blank Range (Absolute value of difference between recoveries for Lab Fortified Blank and Lab Fortified Blank Duplicate).
Lab Fort Bl. Av. Rec.	Laboratory Fortified Blank Average Recovery
Duplicate Sample Amt	Sample Value for Duplicate used with Matrix Spike Duplicate
MSD Amount Added	Matrix Spike Duplicate Amount Added (Spiked)
MSD Amt Measured	Matrix Spike Duplicate Amount Measured
MSD % Recovery	Matrix Spike Duplicate % Recovery
MSD Range	Absolute difference between Matrix Spike and Matrix Spike Duplicate Recoveries

MADEP MCP ANALYTICAL METHOD REPORT CERTIFICATION FORM

Laboratory Name: **CON-TEST Analytical Laboratory**	Project #: LIMT- 23303
Project Location: New Bedford, MA	MADEP RTN[1]:

This Form provides certifications for the following data set: [list Laboratory Sample ID Number(s)]

09B04358- 09B04364

Sample Matrices: ☐ Groundwater ☒ Soil/Sediment ☐ Drinking Water ☐ Other: _____

MCP SW-846 Methods Used	8260B ( )	8151A ( )	8330 ( )	6010B (X)	7470A/1A (X)
	8270C (X)	8081A ( )	VPH ( )	6020 ( )	9014M[2] ( )
As specified in MADEP Compendium of Analytical Methods. (check all that apply)	8082 ( )	8021B ( )	EPH ( )	7000 S[3] ( )	7196A ( )

1 List Release Tracking Number (RTN), if known
2 M – SW-846 Method 9014 or MADEP Physiologically Available Cyanide (PAC) Method
3 S – SW-846 Methods 7000 Series List individual method and analyte.

An affirmative response to questions A, B, C and D is required for "Presumptive Certainty" status

A	Were all samples received by the laboratory in a condition consistent with that described on the Chain-of-Custody documentation for the data set?	☒ Yes ☐ No[1]
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	☒ Yes ☐ No[1]
C	Does the data included in this report meet all the analytical requirements for "Presumptive Certainty", as described in Section 2.0 (a), (b), (c) and (d) of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	☒ Yes ☐ No[1]
D	***VPH and EPH Methods only***: Was the VPH or EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)	☐ Yes ☐ No[1]

A response to questions E and F below is required for "Presumptive Certainty" status

E	Were all analytical QC performance standards and recommendations for the specified methods achieved?	☐ Yes ☒ No[1]
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	☐ Yes ☒ No[1]

[1] *All Negative responses must be addressed in an attached Environmental Laboratory case narrative.*

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Signature: M Erickson	Position: Assistant Laboratory Director
Printed Name: Michael Erickson	Date: 2/27/09

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CHAIN OF CUSTODY RECORD

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EAST LONGMEADOW, MA 01028

Lim1-23303

Company Name: TRC
Address: 650 Suffolk St.
Lowell, MA
Attention: David Sullivan
Project Location: New Bedford, MA
Sampled By: C. Foster / K. Kitchin

Telephone: (978) 970-5600
Project # 115058
Client PO #

DATA DELIVERY (check one):
☐ FAX ☒ EMAIL ☐ WEBSITE CLIENT
Fax # :
Email: dsullivan@trcsolutions.com
Format: ☒ EXCEL ☒ PDF ☐ GIS KEY
☐ OTHER

Proposal Provided? (For Billing purposes)
☐ yes _____ proposal date

State Form Required?
☒ yes ☐ no

ANALYSIS REQUESTED

Field ID	Sample Description	Lab # 09B	Date Sampled Start Date/Time	Stop Date/Time	Composite	Grab	*Matrix Code	Conc. Code	PAHs (8270C)	Metals + Hg (mercury)									# of containers	**Preservation	~Cont.Code
									8												
									1	1											
									G	G											
	SB-357 (4)	04358	2/16/09 1420			X	S		X	X											
	SB-357 (7)	04359	2/16/09 1425			X	S		X	X											
	SB-357 (9) HOLD		2/16/09 1430			X	S		X	X											
	SB-358 (0-1)	04360	2/16/09 1450			X	S		X	X											
	SB-358 (1-3)	04361	2/16/09 1500			X	S		X	X											
	SB-358 (4)	04362	2/16/09 1510			X	S		X	X											
	SB-358 (9.5-10)	04363	2/16/09 1515			X	S		X	X											
	SB-358 (11.5-12) HOLD		2/16/09 1520			X	S		X	X											

~Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

Client Comments:
HOLD
HOLD

Laboratory Comments: * Hold all remaining soil aliquots for possible TCLP analysis pending results

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in **Matrix/Conc.** Code Box:
H - High; **M** - Medium; **L** - Low; **C** - Clean; **U** - Unknown

Relinquished by: (signature)	Date/Time: 2/16/09 1545
Received by: (signature)	Date/Time: 2-16-9 1545
Relinquished by: (signature)	Date/Time: 2-16-9 1815
Received by: (signature)	Date/Time: 2/16/09 1815

Turnaround **
☐ 7-Day
☐ 10-Day
☒ Other 5

RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
* Require lab approval

Detection Limit Requirements
Regulations? S-1/S-2
Data Enhancement Project/RCP? ☒ Y ☐ N
Special Requirements or DL's:

***Matrix Code:**
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other

****Preservation Codes:**
I = Iced
X = Na hydroxide
H = HCL
T = Na thiosulfate
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
O = Other

** TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

AIHA, NELAC & WBE/DBE Certified

con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com

CHAIN OF CUSTODY RECORD

Limt-23303

39 SPRUCE ST, 2ND FLOOR
EAST LONGMEADOW, MA 01028

Company Name: TRC
Address: 650 Suffolk St.
Lowell, MA
Attention: David Sullivan
Project Location: New Bedford, MA
Sampled By: C. Foster / K. Kitchen

Telephone: (978) 970-5600
Project # 115058
Client PO #

DATA DELIVERY (check one):
☐ FAX ☒ EMAIL ☐ WEBSITE CLIENT
Fax # :
Email: dsullivan@trcsolutions.com
Format: ☒ EXCEL ☒ PDF ☐ GIS KEY
☐ OTHER

Proposal Provided? (For Billing purposes)
☐ yes _____ proposal date

State Form Required?
☒ yes ☐ no

Field ID	Sample Description	Lab #	Date Sampled Start Date/Time	Stop Date/Time	Composite	Grab	*Matrix Code	Conc. Code	PAHs (8270C)	Metals + H_2 (MCP)									# of containers	**Preservation	~Cont.Code
									1												
									L	L											
									G	G											
	SB-D2-4	0143864	2/16/09	1350		X	S	U	X	X											

ANALYSIS REQUESTED

~Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

Client Comments:

Laboratory Comments:
* Hold all remaining soil aliquots for possible TCLP analysis pending results.

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in **Matrix/Conc.** Code Box:
H - High; **M** - Medium; **L** - Low; **C** - Clean; **U** - Unknown

Relinquished by: (signature)	Date/Time: 2/16/09 1545
Received by: (signature)	Date/Time: 2-16-9 1545
Relinquished by: (signature)	Date/Time: 2-16-9 1815
Received by: (signature) 3.0°	Date/Time: 2/16/09 1815

Turnaround **
☐ 7-Day
☐ 10-Day
☒ Other 5

RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
* Require lab approval

Detection Limit Requirements
Regulations? S-1/S-2
Data Enhancement Project/RCP? ☒ Y ☐ N
Special Requirements or DL's:

***Matrix Code:**
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
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N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
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X = Na hydroxide
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CHAIN OF CUSTODY RECORD

39 SPRUCE ST, 2ND FLOOR
EAST LONGMEADOW, MA 01028

Company Name: TRC
Address: 650 Suffolk St.
Lowell, MA
Attention: David Sullivan
Project Location: New Bedford, MA
Sampled By: C. Foster / K. Kitchin

Telephone: (978) 970-5600
Project # 115058
Client PO #

DATA DELIVERY (check one):
☐ FAX ☒ EMAIL ☐ WEBSITE CLIENT
Fax # :
Email: dsullivan@trcsolutions.com
Format: ☒ EXCEL ☒ PDF ☐ GIS KEY
☐ OTHER

Proposal Provided? (For Billing purposes)
☐ yes _____ proposal date

State Form Required? ☒ yes ☐ no

ANALYSIS REQUESTED

Field ID	Sample Description	Lab #	Date Sampled Start Date/Time	Date Sampled Stop Date/Time	Composite	Grab	*Matrix Code	Conc. Code	PAHs (8270C)	Metals + Hg (MCP)	# of containers	**Preservation	~Cont.Code	Client Comments
											8	—	G	
											1	1	G	
5	SB-351 (0-1)		2/16/09 0850			X	S	U	X	X				
	SB-351 (1-3)		2/16/09 0900			X	S	U	X	X				
	SB-351 (3.5)		2/16/09 0910			X	S	U	X	X				
	SB-351 (7)		2/16/09 0915			X	S	U	X	X				
	SB-351 (10) HOLD		2/16/09 0920			X	S	U	X	X				HOLD
	SB-352 (0-1)		2/16/09 0930			X	S	U	X	X				
	SB-352 (1-2.5)		2/16/09 0940			X	S	U	X	X				
	SB-352 (3.5)		2/16/09 0950			X	S	U	X	X				

~Cont. Code: A=amber glass, G=glass, P=plastic, ST=sterile, V= vial, S=summa can, T=tedlar bag, O=Other

Laboratory Comments:
* Hold all remaining soil aliquots for possible TCLP analysis pending results.

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in **Matrix/Conc.** Code Box:
H - High; **M** - Medium; **L** - Low; **C** - Clean; **U** - Unknown

Relinquished by: (signature)	Date/Time: 1545 2/16/09
Received by: (signature)	Date/Time: 2-16-9 1545
Relinquished by: (signature)	Date/Time: 2-16-9 1815
Received by: (signature) 3.0°C	Date/Time: 2/16/09 1815

Turnaround **
☐ 7-Day
☐ 10-Day
☒ Other 5
RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
* Require lab approval

Detection Limit Requirements
Regulations? MCP S-1/S-2
Data Enhancement Project/RCP? ☒ Y ☐ N
Special Requirements or DL's:

***Matrix Code:**
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other

****Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
O = Other
X = Na hydroxide
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CHAIN OF CUSTODY RECORD

39 SPRUCE ST, 2ND FLOOR
EAST LONGMEADOW, MA 01028

Company Name: TRC
Address: 652 Suffolk st.
Lowell, MA
Attention: David Sullivan
Project Location: New Bedford, MA
Sampled By: E. Foster / K. Kitchin

Telephone: (978) 970-5600
Project # 115058
Client PO #

DATA DELIVERY (check one):
☐ FAX ☒ EMAIL ☐ WEBSITE CLIENT
Fax # :
Email: dsullivan@trcsolutions.com
Format: ☒ EXCEL ☒ PDF ☐ GIS KEY
☐ OTHER

Proposal Provided? (For Billing purposes)
☐ yes _____ proposal date

State Form Required?
☒ yes ☐ no

Field ID	Sample Description	Lab #	Date Sampled Start Date/Time	Date Sampled Stop Date/Time	Composite	Grab	*Matrix Code	Conc. Code	PAHs (8270C)	Metals + Hg (MCP)											
									8	–											# of containers
									1	1											**Preservation
									G	G											~Cont.Code
	SB-352 (6.5)		2/16/09 0955			X	S	U	X	X											
	SB-353 (0-1)		2/16/09 1015			X	S	U	X	X											
	SB-353 (1-2.5)		2/16/09 1025			X	S	U	X	X											
	SB-353 (4)		2/16/09 1035			X	S	U	X	X											
	SB-353 (7.5) HOLD		2/16/09 1040			X	S	U	X	X											
	SB-353 (5.5)		2/16/09 1045			X	S	U	X	X											
	SB-354 (0-1)		2/16/09 1100			X	S	U	X	X											
	SB-354 (1-2.5)		2/16/09 1110			X	S	U	X	X											

ANALYSIS REQUESTED

~Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

Client Comments:
MS/MSD @ SB-353 (4)
HOLD

Laboratory Comments:
* Hold all remaining soil aliquots for possible TCLP analysis pending results.

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in **Matrix/Conc.** Code Box:
H - High; **M** - Medium; **L** - Low; **C** - Clean; **U** - Unknown

Relinquished by: (signature)	Date/Time: 2/16/09 1545
Received by: (signature)	Date/Time: 2/16/9 1545
Relinquished by: (signature)	Date/Time: 2-16-9 1815
Received by: (signature) 3.0°	Date/Time: 2/16/09 1815

Turnaround **
☐ 7-Day
☐ 10-Day
☒ Other 5
RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
* Require lab approval

Detection Limit Requirements
Regulations? S-1/S-2
Data Enhancement Project/RCP? ☒ Y ☐ N
Special Requirements or DL's:

***Matrix Code:**
GW= groundwater
WW= wastewater
DW= drinking water
A = air
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****Preservation Codes:**
I = Iced
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CHAIN OF CUSTODY RECORD

39 SPRUCE ST, 2ND FLOOR
EAST LONGMEADOW, MA 01028

Company Name: TRC
Address: 650 Suffolk St
Lowell, MA
Attention: David Sullivan
Project Location: New Bedford, MA
Sampled By: C. Foster / K. Kitchen

Telephone: (978) 970-5600
Project # 115058
Client PO #

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☐ FAX ☒ EMAIL ☐ WEBSITE CLIENT
Fax # :
Email: dsullivan@trcsolutions.com
Format: ☒ EXCEL ☒ PDF ☐ GIS KEY
☐ OTHER

Proposal Provided? (For Billing purposes)
☐ yes _____ proposal date

State Form Required? ☒ yes ☐ no

ANALYSIS REQUESTED

Field ID	Sample Description	Lab #	Date Sampled Start Date/Time	Stop Date/Time	Composite	Grab	*Matrix Code	Conc. Code	PAHs (8270C)	Metals + Hg (MCP)	# of containers	**Preservation	~Cont.Code
											8		
											1	1	
											G	G	
	SB-354 (3-4)		2/16/09 1115			X	S	U	X	X			
SB-	D1-4		2/16/09 1215			X	S	U	X	X			
	SB-354 (8)		2/16/09 1125			X	S	U	X	X			
	SB-354 (10) HOLD		2/16/09 1135			X	S	U	X	X			
	SB-355 (0-1)		2/16/09 1150			X	S	U	X	X			
	SB-355 (1-2.5)		2/16/09 1155			X	S	U	X	X			
	SB-355 (4)		2/16/09 1200			X	S	U	X	X			
	SB-355 (5.5)		2/16/09 1205			X	S	U	X	X			

~Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

Client Comments:

Laboratory Comments:
* Hold all remaining soil aliquots for possible TCLP analysis pending results.

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in **Matrix/Conc.** Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

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Relinquished by: (signature)	Date/Time: 2-16-9 1815
Received by: (signature)	Date/Time: 2/16/09 1815

Turnaround **
☐ 7-Day
☐ 10-Day
☒ Other 5

RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
* Require lab approval

Detection Limit Requirements
Regulations? S-1/S-2
Data Enhancement Project/RCP? ☒ Y ☐ N
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CHAIN OF CUSTODY RECORD

39 SPRUCE ST, 2ND FLOOR
EAST LONGMEADOW, MA 01028

Company Name: TRC
Address: 650 Suffolk St.
Lowell, MA
Attention: David Sullivan
Project Location: New Bedford, MA
Sampled By: C. Foster / K. Kitchin

Telephone: (978) 970-5600
Project # 115058
Client PO #

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☐ FAX ☒ EMAIL ☐ WEBSITE CLIENT
Fax # :
Email: dsullivan@trcsolutions.com
Format: ☒ EXCEL ☒ PDF ☐ GIS KEY
☐ OTHER

Proposal Provided? (For Billing purposes) ☐ yes _____ proposal date

State Form Required? ☒ yes ☐ no

ANALYSIS REQUESTED

Field ID	Sample Description	Lab #	Date Sampled Start Date/Time	Stop Date/Time	Composite	Grab	*Matrix Code	Conc. Code	PAHs (8270C)	metals + Hg (MCP)	# of containers	**Preservation	~Cont.Code
									8		1	1	G G
	SB-355 (7.5) HOLD		2/16/09 1210			X	S	U	X	X			
	SB-356 (0-1)		2/16/09 1310			X	S	U	X	X			
	SB-356 (1-2)		2/16/09 1320			X	S	U	X	X			
	SB-356 (3.5)		2/16/09 1325			X	S	U	X	X			
	SB-356 (6.5)		2/16/09 1330			X	S	U	X	X			
	SB-356 (8.5) HOLD		2/16/09 1340			X	S	U	X	X			
	SB-357 (0-1)		2/16/09 1400			X	S	U	X	X			
	SB-357 (1-2)		2/16/09 1410			X	S	U	X	X			

~Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

Client Comments:
MS/MSD @ SB-356 (1-2)
HOLD

Laboratory Comments: * Hold all remaining soil aliquots for possible TCLP analysis pending results

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in **Matrix/Conc.** Code Box:
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Relinquished by: (signature)	Date/Time: 2/16/09 1545	
Received by: (signature)	Date/Time: 2-16-9 1545	
Relinquished by: (signature)	Date/Time: 2-16-9 1815	
Received by: (signature) 3.0°	Date/Time: 2/16/09 1815	

Turnaround **
☐ 7-Day
☐ 10-Day
☒ Other 5
RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
* Require lab approval

Detection Limit Requirements
Regulations? S-1/S-2
Data Enhancement Project/RCP? ☒ Y ☐ N
Special Requirements or DL's:

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con-test ANALYTICAL LABORATORY

39 Spruce St.
East Longmeadow, MA.
01028
P: 413-525-2332
F: 413-525-6405

Sample Receipt Checklist

CLIENT NAME: TRC RECEIVED BY: OEC DATE 7/16/09

1) Was the chain(s) of custody relinquished and signed? Yes No

2) Does the chain agree with the samples? Yes No

If not, explain:

3) Are all the samples in good condition? Yes No

If not, explain:

4) How were the samples received:

On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑

Were the samples received in Temperature Compliance of (2-6°C)? Yes No

Temperature °C by Temp blank 3.0°C Temperature °C by Temp gun _____

5) Are there Dissolved samples for the lab to filter? Yes No

Who was notified _____ Date _____ Time _____

6) Are there any samples "On Hold"? Yes No Stored where: _____

7) Are there any RUSH or SHORT HOLDING TIME samples? Yes No

Who was notified _____ Date _____ Time _____

8) Location where samples are stored: 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved

Client Signature: _____

Containers sent in to Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz clear jar	41
500 mL Amber		4 oz clear jar	
250 mL Amber (8oz amber)		2 oz clear jar	
1 Liter Plastic		Other glass jar	
500 mL Plastic		Plastic Bag / Ziploc	
250 mL plastic		Air Cassette	
40 mL Vial - type listed below		Brass Sleeves	
Colisure / bacteria bottle		Tubes	
Dissolved Oxygen bottle		Summa Cans	
Flashpoint bottle		Regulators	
Encore		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol _____

Bisulfate _____ # DI Water _____ Time and Date Frozen: _____

Thiosulfate _____ Unpreserved _____

Do all samples have the proper pH: Yes No N/A