con-test® ANALYTICAL LABORATORY

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

REPORT DATE 2/23/2009

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

CONTRACT NUMBER:
PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23302
JOB NUMBER: 115058

PROJECT LOCATION: NEW BEDFORD, MA

FIELD SAMPLE #	LAB ID	MATRIX	SAMPLE DESCRIPTION	TEST	Subcontract Lab (if any) Cert. Nos.
SB-354 (3-4)	09B04345	SOIL	Not Specified	6010 drywt mcp	
SB-354 (3-4)	09B04345	SOIL	Not Specified	hg (mg/kg) dw	
SB-354 (3-4)	09B04345	SOIL	Not Specified	pah - sludge	
SB-354 (3-4)	09B04345	SOIL	Not Specified	solids (percent)	
SB-354 (8)	09B04347	SOIL	Not Specified	6010 drywt mcp	
SB-354 (8)	09B04347	SOIL	Not Specified	hg (mg/kg) dw	
SB-354 (8)	09B04347	SOIL	Not Specified	pah - sludge	
SB-354 (8)	09B04347	SOIL	Not Specified	solids (percent)	
SB-355 (0-1)	09B04348	SOIL	Not Specified	6010 drywt mcp	
SB-355 (0-1)	09B04348	SOIL	Not Specified	hg (mg/kg) dw	
SB-355 (0-1)	09B04348	SOIL	Not Specified	pah - sludge	
SB-355 (0-1)	09B04348	SOIL	Not Specified	solids (percent)	
SB-355 (1-2.5)	09B04349	SOIL	Not Specified	6010 drywt mcp	
SB-355 (1-2.5)	09B04349	SOIL	Not Specified	hg (mg/kg) dw	
SB-355 (1-2.5)	09B04349	SOIL	Not Specified	pah - sludge	
SB-355 (1-2.5)	09B04349	SOIL	Not Specified	solids (percent)	
SB-355 (4)	09B04350	SOIL	Not Specified	6010 drywt mcp	
SB-355 (4)	09B04350	SOIL	Not Specified	hg (mg/kg) dw	
SB-355 (4)	09B04350	SOIL	Not Specified	pah - sludge	
SB-355 (4)	09B04350	SOIL	Not Specified	solids (percent)	
SB-355 (5.5)	09B04351	SOIL	Not Specified	6010 drywt mcp	
SB-355 (5.5)	09B04351	SOIL	Not Specified	hg (mg/kg) dw	
SB-355 (5.5)	09B04351	SOIL	Not Specified	pah - sludge	
SB-355 (5.5)	09B04351	SOIL	Not Specified	solids (percent)	
SB-356 (0-1)	09B04352	SOIL	Not Specified	6010 drywt mcp	
SB-356 (0-1)	09B04352	SOIL	Not Specified	hg (mg/kg) dw	
SB-356 (0-1)	09B04352	SOIL	Not Specified	pah - sludge	
SB-356 (0-1)	09B04352	SOIL	Not Specified	solids (percent)	
SB-356 (1-2)QC	09B04353	SOIL	Not Specified	6010 drywt mcp	
SB-356 (1-2)QC	09B04353	SOIL	Not Specified	hg (mg/kg) dw	
SB-356 (1-2)QC	09B04353	SOIL	Not Specified	pah - sludge	
SB-356 (1-2)QC	09B04353	SOIL	Not Specified	solids (percent)	
SB-356 (3.5)	09B04354	SOIL	Not Specified	6010 drywt mcp	
SB-356 (3.5)	09B04354	SOIL	Not Specified	hg (mg/kg) dw	
SB-356 (3.5)	09B04354	SOIL	Not Specified	pah - sludge	
SB-356 (3.5)	09B04354	SOIL	Not Specified	solids (percent)	
SB-356 (6.5)	09B04355	SOIL	Not Specified	6010 drywt mcp	
SB-356 (6.5)	09B04355	SOIL	Not Specified	hg (mg/kg) dw	
SB-356 (6.5)	09B04355	SOIL	Not Specified	pah - sludge	

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ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23302
JOB NUMBER: 115058

SB-356 (6.5)	09B04355	SOIL	Not Specified	solids (percent)
SB-357 (0-1)	09B04356	SOIL	Not Specified	6010 drywt mcp
SB-357 (0-1)	09B04356	SOIL	Not Specified	hg (mg/kg) dw
SB-357 (0-1)	09B04356	SOIL	Not Specified	pah - sludge
SB-357 (0-1)	09B04356	SOIL	Not Specified	solids (percent)
SB-357 (1-2)	09B04357	SOIL	Not Specified	6010 drywt mcp
SB-357 (1-2)	09B04357	SOIL	Not Specified	hg (mg/kg) dw
SB-357 (1-2)	09B04357	SOIL	Not Specified	pah - sludge
SB-357 (1-2)	09B04357	SOIL	Not Specified	solids (percent)
SB-D1-4	09B04346	SOIL	Not Specified	6010 drywt mcp
SB-D1-4	09B04346	SOIL	Not Specified	hg (mg/kg) dw
SB-D1-4	09B04346	SOIL	Not Specified	pah - sludge
SB-D1-4	09B04346	SOIL	Not Specified	solids (percent)

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LOWELL, MA 01852
ATTN: DAVID SULLIVAN

CONTRACT NUMBER:
PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23302
JOB NUMBER: 115058

Comments :

LIMS BATCH NO. : LIMT-23302

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 6010, the ms and msd recoveries are outside control limits for Sb. Possibility of sample matrix effects that may lead to a low bias for reported result cannot be eliminated. Analysis in control based on LFB recoveries. Recovery >30%, no corrective action is needed. The low level calibaration check is outside control limits for As and Zn. Reported results for these elements at or near the reporting limit may be bias on the high side. Method blank contamination noted above the reporting limit for Zn. Reported results for this element may be bias on the high side.

In method 8270, initial calibration did not meet method specifications. For samples 09B04345-09B04350 and 09B04357, 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 this compound in these samples.

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

DETAILED CASE NARRATIVE

METHOD SW846 7470/7471A - ADDITIONAL COMMENTS

Sample duplicate, matrix spike, and matrix spike duplicate performed on sample 09B04353.

Sample 09B04354 ran at a 5x dilution to obtain a result within the linear calibration range.

METHOD SW846 6010 - ADDITIONAL COMMENTS

Sample duplicate, matrix spike, and matrix spike duplicate performed on sample 09B04353.
The duplicate results for Ag, Cd, Sb, Se and Tl are not reported due to non detect sample and duplicate results.

For Be sample 09B04349 and Tl samples 09B04349, 04350, 04353, 04356, and 04357 results were entered as non detect due to false hits determined by spectral review.

METHOD SW846 8270 - ADDITIONAL DETAILS

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

Laboratory control sample recoveries for required MCP Data Enhancement 8270 compounds were all within control limits specified by the method, 40-140% for base/neutrals and 30-130% for acids except for "difficult analytes" listed below and/or otherwise listed in this narrative.

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CONTRACT NUMBER:
PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23302
JOB NUMBER: 115058

Difficult analytes for soil LCS - limits between 10 and 180% depending on the compound (see QC summary report for limits): 3,3'-dichlorobenzidine, aniline, 2,4-dinitrophenol, and 4-chloroaniline.

Difficult analytes for water LCS - limits between 10 and 150% depending on the compound (see QC summary report for limits): dimethylphthalate, bis(2-chloroisopropyl)ether, 4-nitrophenol, and phenol.

Duplicate laboratory fortified blank RPDs were all less than or equal to 20% for water or 30% for soil except for "difficult analytes" where RPDs of 50% are used and/or otherwise listed below or elsewhere in this narrative.

Difficult analytes for water RPDs: aniline, benzo(a,h)anthracene, dimethylphthalte, hexachloroethane, indeno(1,2,3-cd)pyrene, 2,4-dinitrophenol, 4-nitrophenol, 2,4,6-trichlorophenol, and pentachlorophenol.

Difficult analytes for soil RPDs: 3,3'-dichlorobenzidine, 4-nitrophenol, and aniline.

Compounds outside of control limits: None outside of control limits

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

8270 QC SURROGATE RECOVERIES

BLANK-129808

Nitrobenzene-d5:	67.0%
2-Fluorophenyl:	69.0%
Terphenyl-d14:	101%

LFBLANK-91921	LFB	LFB DUPLICATE
Nitrobenzene-d5:	64.2%	63.0%
2-Fluorophenyl:	64.8%	61.9%
Terphenyl-d14:	92.2%	109%

Matrix Spike Sample 09B04353	MS	MS DUPLICATE
Nitrobenzene-d5:	64.0%	63.5%
2-Fluorophenyl:	72.3%	64.2%
Terphenyl-d14:	53.7%	55.0%%

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ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23302
JOB NUMBER: 115058

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.

M Cule 2/24/09

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

2/23/2009

Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009
Field Sample # : SB-354 (3-4)

LIMS-BAT #: LIMT-23302
Job Number: 115058

Sample ID : 09B04345

‡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	42.3	02/19/09	OP	5.44			
Arsenic	mg/kg dry wt	19.3	02/19/09	OP	3.40			
Barium	mg/kg dry wt	363	02/19/09	OP	6.80			
Beryllium	mg/kg dry wt	0.80	02/19/09	OP	0.34			
Cadmium	mg/kg dry wt	3.25	02/19/09	OP	0.34			
Chromium	mg/kg dry wt	66.9	02/19/09	OP	0.68			
Lead	mg/kg dry wt	2070	02/19/09	OP	1.02			
Nickel	mg/kg dry wt	15.2	02/19/09	OP	0.68			
Selenium	mg/kg dry wt	ND	02/19/09	OP	6.80			
Silver	mg/kg dry wt	1.88	02/19/09	OP	0.68			
Thallium	mg/kg dry wt	ND	02/19/09	OP	4.08			
Vanadium	mg/kg dry wt	25.0	02/19/09	OP	6.80			
Zinc	mg/kg dry wt	831	02/19/09	OP	1.36			

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

RL = Reporting Limit

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650 SUFFOLK STREET
LOWELL, MA 01852

2/23/2009

Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009
Field Sample # : SB-354 (8)

LIMS-BAT #: LIMT-23302
Job Number: 115058

Sample ID : 09B04347

‡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	02/19/09	OP	4.83			
Arsenic	mg/kg dry wt	ND	02/19/09	OP	3.02			
Barium	mg/kg dry wt	9.22	02/19/09	OP	6.04			
Beryllium	mg/kg dry wt	ND	02/19/09	OP	0.31			
Cadmium	mg/kg dry wt	ND	02/19/09	OP	0.31			
Chromium	mg/kg dry wt	4.06	02/19/09	OP	0.61			
Lead	mg/kg dry wt	3.22	02/19/09	OP	0.91			
Nickel	mg/kg dry wt	3.30	02/19/09	OP	0.61			
Selenium	mg/kg dry wt	ND	02/19/09	OP	6.04			
Silver	mg/kg dry wt	ND	02/19/09	OP	0.61			
Thallium	mg/kg dry wt	ND	02/19/09	OP	3.62			
Vanadium	mg/kg dry wt	6.04	02/19/09	OP	6.04			
Zinc	mg/kg dry wt	12.6	02/19/09	OP	1.21			

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

2/23/2009

Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009
Field Sample # : SB-355 (0-1)

LIMS-BAT #: LIMT-23302
Job Number: 115058

Sample ID : 09B04348

‡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	02/19/09	OP	5.40			
Arsenic	mg/kg dry wt	7.19	02/19/09	OP	3.37			
Barium	mg/kg dry wt	54.8	02/19/09	OP	6.74			
Beryllium	mg/kg dry wt	0.43	02/19/09	OP	0.34			
Cadmium	mg/kg dry wt	0.39	02/19/09	OP	0.34			
Chromium	mg/kg dry wt	12.3	02/19/09	OP	0.68			
Lead	mg/kg dry wt	136	02/19/09	OP	1.02			
Nickel	mg/kg dry wt	4.55	02/19/09	OP	0.68			
Selenium	mg/kg dry wt	ND	02/19/09	OP	6.74			
Silver	mg/kg dry wt	ND	02/19/09	OP	0.68			
Thallium	mg/kg dry wt	ND	02/19/09	OP	4.05			
Vanadium	mg/kg dry wt	18.7	02/19/09	OP	6.74			
Zinc	mg/kg dry wt	72.7	02/19/09	OP	1.35			

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

2/23/2009

Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009
Field Sample # : SB-355 (1-2.5)

LIMS-BAT #: LIMT-23302
Job Number: 115058

Sample ID : 09B04349

‡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	02/19/09	OP	4.76			
Arsenic	mg/kg dry wt	4.50	02/19/09	OP	2.98			
Barium	mg/kg dry wt	58.1	02/19/09	OP	5.95			
Beryllium	mg/kg dry wt	ND	02/19/09	OP	0.30			
Cadmium	mg/kg dry wt	ND	02/19/09	OP	0.30			
Chromium	mg/kg dry wt	7.69	02/19/09	OP	0.60			
Lead	mg/kg dry wt	160	02/19/09	OP	0.90			
Nickel	mg/kg dry wt	3.16	02/19/09	OP	0.60			
Selenium	mg/kg dry wt	ND	02/19/09	OP	5.95			
Silver	mg/kg dry wt	ND	02/19/09	OP	0.60			
Thallium	mg/kg dry wt	ND	02/19/09	OP	3.57			
Vanadium	mg/kg dry wt	12.3	02/19/09	OP	5.95			
Zinc	mg/kg dry wt	77.2	02/19/09	OP	1.19			

Analytical Method:
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650 SUFFOLK STREET
LOWELL, MA 01852

2/23/2009

Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009
Field Sample # : SB-355 (4)

LIMS-BAT #: LIMT-23302
Job Number: 115058

Sample ID : 09B04350

‡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	02/19/09	OP	5.98			
Arsenic	mg/kg dry wt	15.0	02/19/09	OP	3.74			
Barium	mg/kg dry wt	856	02/19/09	OP	7.47			
Beryllium	mg/kg dry wt	0.94	02/19/09	OP	0.38			
Cadmium	mg/kg dry wt	1.36	02/19/09	OP	0.38			
Chromium	mg/kg dry wt	19.1	02/19/09	OP	0.75			
Lead	mg/kg dry wt	687	02/19/09	OP	1.12			
Nickel	mg/kg dry wt	20.5	02/19/09	OP	0.75			
Selenium	mg/kg dry wt	ND	02/19/09	OP	7.47			
Silver	mg/kg dry wt	ND	02/19/09	OP	0.75			
Thallium	mg/kg dry wt	ND	02/19/09	OP	4.48			
Vanadium	mg/kg dry wt	40.5	02/19/09	OP	7.47			
Zinc	mg/kg dry wt	979	02/19/09	OP	1.50			

Analytical Method:
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650 SUFFOLK STREET
LOWELL, MA 01852

2/23/2009

Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009
Field Sample # : SB-355 (5.5)

LIMS-BAT #: LIMT-23302
Job Number: 115058

Sample ID : 09B04351

‡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	02/19/09	OP	29.0			
Arsenic	mg/kg dry wt	20.5	02/19/09	OP	18.2			
Barium	mg/kg dry wt	103	02/19/09	OP	36.3			
Beryllium	mg/kg dry wt	ND	02/19/09	OP	1.82			
Cadmium	mg/kg dry wt	ND	02/19/09	OP	1.82			
Chromium	mg/kg dry wt	37.7	02/19/09	OP	3.63			
Lead	mg/kg dry wt	13.1	02/19/09	OP	5.44			
Nickel	mg/kg dry wt	29.3	02/19/09	OP	3.63			
Selenium	mg/kg dry wt	ND	02/19/09	OP	36.3			
Silver	mg/kg dry wt	ND	02/19/09	OP	3.63			
Thallium	mg/kg dry wt	ND	02/19/09	OP	21.8			
Vanadium	mg/kg dry wt	42.9	02/19/09	OP	36.3			
Zinc	mg/kg dry wt	134	02/19/09	OP	7.25			

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

2/23/2009

Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009
Field Sample # : SB-356 (0-1)

LIMS-BAT #: LIMT-23302
Job Number: 115058

Sample ID : 09B04352

‡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	02/19/09	OP	4.89			
Arsenic	mg/kg dry wt	5.88	02/19/09	OP	3.06			
Barium	mg/kg dry wt	26.6	02/19/09	OP	6.12			
Beryllium	mg/kg dry wt	0.37	02/19/09	OP	0.31			
Cadmium	mg/kg dry wt	ND	02/19/09	OP	0.31			
Chromium	mg/kg dry wt	9.96	02/19/09	OP	0.62			
Lead	mg/kg dry wt	41.1	02/19/09	OP	0.92			
Nickel	mg/kg dry wt	4.45	02/19/09	OP	0.62			
Selenium	mg/kg dry wt	ND	02/19/09	OP	6.12			
Silver	mg/kg dry wt	ND	02/19/09	OP	0.62			
Thallium	mg/kg dry wt	ND	02/19/09	OP	3.67			
Vanadium	mg/kg dry wt	17.9	02/19/09	OP	6.12			
Zinc	mg/kg dry wt	27.7	02/19/09	OP	1.23			

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

RL = Reporting Limit

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NM = Not Measured

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

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

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

2/23/2009

Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009
Field Sample # : SB-356 (1-2)QC

LIMS-BAT #: LIMT-23302
Job Number: 115058

Sample ID : 09B04353 ‡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	02/19/09	OP	4.67			
Arsenic	mg/kg dry wt	3.80	02/19/09	OP	2.92			
Barium	mg/kg dry wt	23.5	02/19/09	OP	5.83			
Beryllium	mg/kg dry wt	0.34	02/19/09	OP	0.30			
Cadmium	mg/kg dry wt	ND	02/19/09	OP	0.30			
Chromium	mg/kg dry wt	8.25	02/19/09	OP	0.59			
Lead	mg/kg dry wt	19.0	02/19/09	OP	0.88			
Nickel	mg/kg dry wt	4.03	02/19/09	OP	0.59			
Selenium	mg/kg dry wt	ND	02/19/09	OP	5.83			
Silver	mg/kg dry wt	ND	02/19/09	OP	0.59			
Thallium	mg/kg dry wt	ND	02/19/09	OP	3.50			
Vanadium	mg/kg dry wt	11.1	02/19/09	OP	5.83			
Zinc	mg/kg dry wt	17.2	02/19/09	OP	1.17			

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

2/23/2009

Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009
Field Sample # : SB-356 (3.5)

LIMS-BAT #: LIMT-23302
Job Number: 115058

Sample ID : 09B04354

‡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	31.4	02/19/09	OP	5.30			
Arsenic	mg/kg dry wt	28.8	02/19/09	OP	3.32			
Barium	mg/kg dry wt	437	02/19/09	OP	6.63			
Beryllium	mg/kg dry wt	0.74	02/19/09	OP	0.34			
Cadmium	mg/kg dry wt	8.84	02/19/09	OP	0.34			
Chromium	mg/kg dry wt	11.5	02/19/09	OP	0.67			
Lead	mg/kg dry wt	469	02/19/09	OP	1.00			
Nickel	mg/kg dry wt	60.2	02/19/09	OP	0.67			
Selenium	mg/kg dry wt	ND	02/19/09	OP	6.63			
Silver	mg/kg dry wt	1.01	02/19/09	OP	0.67			
Thallium	mg/kg dry wt	ND	02/19/09	OP	3.98			
Vanadium	mg/kg dry wt	30.3	02/19/09	OP	6.63			
Zinc	mg/kg dry wt	1280	02/19/09	OP	1.33			

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

2/23/2009

Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009
Field Sample # : SB-356 (6.5)

LIMS-BAT #: LIMT-23302
Job Number: 115058

Sample ID : 09B04355

‡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	02/19/09	OP	5.84			
Arsenic	mg/kg dry wt	ND	02/19/09	OP	3.65			
Barium	mg/kg dry wt	15.2	02/19/09	OP	7.30			
Beryllium	mg/kg dry wt	ND	02/19/09	OP	0.37			
Cadmium	mg/kg dry wt	ND	02/19/09	OP	0.37			
Chromium	mg/kg dry wt	5.80	02/19/09	OP	0.73			
Lead	mg/kg dry wt	2.85	02/19/09	OP	1.10			
Nickel	mg/kg dry wt	4.96	02/19/09	OP	0.73			
Selenium	mg/kg dry wt	ND	02/19/09	OP	7.30			
Silver	mg/kg dry wt	ND	02/19/09	OP	0.73			
Thallium	mg/kg dry wt	ND	02/19/09	OP	4.38			
Vanadium	mg/kg dry wt	ND	02/19/09	OP	7.30			
Zinc	mg/kg dry wt	19.6	02/19/09	OP	1.46			

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

2/23/2009

Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009
Field Sample # : SB-357 (0-1)

LIMS-BAT #: LIMT-23302
Job Number: 115058

Sample ID : 09B04356

‡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	02/19/09	OP	4.82			
Arsenic	mg/kg dry wt	8.75	02/19/09	OP	3.02			
Barium	mg/kg dry wt	54.2	02/19/09	OP	6.03			
Beryllium	mg/kg dry wt	0.37	02/19/09	OP	0.31			
Cadmium	mg/kg dry wt	ND	02/19/09	OP	0.31			
Chromium	mg/kg dry wt	11.3	02/19/09	OP	0.61			
Lead	mg/kg dry wt	125	02/19/09	OP	0.91			
Nickel	mg/kg dry wt	4.55	02/19/09	OP	0.61			
Selenium	mg/kg dry wt	ND	02/19/09	OP	6.03			
Silver	mg/kg dry wt	ND	02/19/09	OP	0.61			
Thallium	mg/kg dry wt	ND	02/19/09	OP	3.62			
Vanadium	mg/kg dry wt	19.1	02/19/09	OP	6.03			
Zinc	mg/kg dry wt	50.3	02/19/09	OP	1.21			

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

2/23/2009

Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009
Field Sample # : SB-357 (1-2)

LIMS-BAT #: LIMT-23302
Job Number: 115058

Sample ID : 09B04357

‡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	02/19/09	OP	4.68			
Arsenic	mg/kg dry wt	6.20	02/19/09	OP	2.93			
Barium	mg/kg dry wt	66.5	02/19/09	OP	5.85			
Beryllium	mg/kg dry wt	0.42	02/19/09	OP	0.30			
Cadmium	mg/kg dry wt	0.39	02/19/09	OP	0.30			
Chromium	mg/kg dry wt	9.53	02/19/09	OP	0.59			
Lead	mg/kg dry wt	233	02/19/09	OP	0.88			
Nickel	mg/kg dry wt	5.57	02/19/09	OP	0.59			
Selenium	mg/kg dry wt	ND	02/19/09	OP	5.85			
Silver	mg/kg dry wt	ND	02/19/09	OP	0.59			
Thallium	mg/kg dry wt	ND	02/19/09	OP	3.51			
Vanadium	mg/kg dry wt	13.7	02/19/09	OP	5.85			
Zinc	mg/kg dry wt	86.8	02/19/09	OP	1.17			

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

2/23/2009

Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009
Field Sample # : SB-D1-4

LIMS-BAT #: LIMT-23302
Job Number: 115058

Sample ID : 09B04346

‡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	02/19/09	OP	6.03			
Arsenic	mg/kg dry wt	17.1	02/19/09	OP	3.77			
Barium	mg/kg dry wt	296	02/19/09	OP	7.54			
Beryllium	mg/kg dry wt	0.65	02/19/09	OP	0.38			
Cadmium	mg/kg dry wt	1.43	02/19/09	OP	0.38			
Chromium	mg/kg dry wt	23.5	02/19/09	OP	0.76			
Lead	mg/kg dry wt	856	02/19/09	OP	1.13			
Nickel	mg/kg dry wt	17.2	02/19/09	OP	0.76			
Selenium	mg/kg dry wt	ND	02/19/09	OP	7.54			
Silver	mg/kg dry wt	1.10	02/19/09	OP	0.76			
Thallium	mg/kg dry wt	ND	02/19/09	OP	4.52			
Vanadium	mg/kg dry wt	16.4	02/19/09	OP	7.54			
Zinc	mg/kg dry wt	704	02/19/09	OP	1.51			

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

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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.:

2/23/2009

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

LIMS-BAT #: LIMT-23302
Job Number: 115058

Field Sample # : SB-354 (3-4)

Sample ID : 09B04345 ‡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	0.326	02/19/09	KM	0.017			

Field Sample # : SB-354 (8)

Sample ID : 09B04347 ‡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-355 (0-1)

Sample ID : 09B04348 ‡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	0.396	02/19/09	KM	0.031			

Field Sample # : SB-355 (1-2.5)

Sample ID : 09B04349 ‡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	0.164	02/19/09	KM	0.017			

Field Sample # : SB-355 (4)

Sample ID : 09B04350 ‡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	0.103	02/19/09	KM	0.015			

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con-test ANALYTICAL LABORATORY

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TRC SOLUTIONS - LOWELL
650 SUFFOLK STREET
LOWELL, MA 01852

Purchase Order No.:

2/23/2009

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

LIMS-BAT #: LIMT-23302
Job Number: 115058

Field Sample # : SB-355 (5.5)

Sample ID : 09B04351 ‡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	0.095	02/19/09	KM	0.086			

Field Sample # : SB-356 (0-1)

Sample ID : 09B04352 ‡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	0.137	02/19/09	KM	0.016			

Field Sample # : SB-356 (1-2)QC

Sample ID : 09B04353 ‡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	0.257	02/19/09	KM	0.014			

Field Sample # : SB-356 (3.5)

Sample ID : 09B04354 ‡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	1.18	02/19/09	KM	0.063			

Field Sample # : SB-356 (6.5)

Sample ID : 09B04355 ‡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	0.016	02/19/09	KM	0.014			

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TRC SOLUTIONS - LOWELL
650 SUFFOLK STREET
LOWELL, MA 01852

2/23/2009

Purchase Order No.:

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

LIMS-BAT #: LIMT-23302
Job Number: 115058

Field Sample # : SB-357 (0-1)

Sample ID : 09B04356 ‡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	0.282	02/19/09	KM	0.020			

Field Sample # : SB-357 (1-2)

Sample ID : 09B04357 ‡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	0.340	02/19/09	KM	0.016			

Field Sample # : SB-D1-4

Sample ID : 09B04346 ‡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	0.421	02/19/09	KM	0.016			

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

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650 SUFFOLK STREET
LOWELL, MA 01852

2/23/2009

Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009
Field Sample # : SB-354 (3-4)

LIMS-BAT #: LIMT-23302
Job Number: 115058

Sample ID : 09B04345

‡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	02/19/09	BGL	0.227			
Acenaphthylene	mg/kg dry wt	ND	02/19/09	BGL	0.227			
Anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.227			
Benzo(a)anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.227			
Benzo(a)pyrene	mg/kg dry wt	ND	02/19/09	BGL	0.227			
Benzo(b)fluoranthene	mg/kg dry wt	ND	02/19/09	BGL	0.227			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	02/19/09	BGL	0.227			
Benzo(k)fluoranthene	mg/kg dry wt	ND	02/19/09	BGL	0.227			
Chrysene	mg/kg dry wt	ND	02/19/09	BGL	0.227			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.227			
Fluoranthene	mg/kg dry wt	ND	02/19/09	BGL	0.227			
Fluorene	mg/kg dry wt	ND	02/19/09	BGL	0.227			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	02/19/09	BGL	0.227			
2-Methylnaphthalene	mg/kg dry wt	ND	02/19/09	BGL	0.227			
Naphthalene	mg/kg dry wt	ND	02/19/09	BGL	0.227			
Phenanthrene	mg/kg dry wt	ND	02/19/09	BGL	0.227			
Pyrene	mg/kg dry wt	ND	02/19/09	BGL	0.227			
Extraction Date 8270		2/18/2009	02/19/09	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

2/23/2009

Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009
Field Sample # : SB-354 (8)

LIMS-BAT #: LIMT-23302
Job Number: 115058

Sample ID : 09B04347

‡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	02/19/09	BGL	0.202			
Acenaphthylene	mg/kg dry wt	ND	02/19/09	BGL	0.202			
Anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.202			
Benzo(a)anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.202			
Benzo(a)pyrene	mg/kg dry wt	ND	02/19/09	BGL	0.202			
Benzo(b)fluoranthene	mg/kg dry wt	ND	02/19/09	BGL	0.202			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	02/19/09	BGL	0.202			
Benzo(k)fluoranthene	mg/kg dry wt	ND	02/19/09	BGL	0.202			
Chrysene	mg/kg dry wt	ND	02/19/09	BGL	0.202			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.202			
Fluoranthene	mg/kg dry wt	ND	02/19/09	BGL	0.202			
Fluorene	mg/kg dry wt	ND	02/19/09	BGL	0.202			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	02/19/09	BGL	0.202			
2-Methylnaphthalene	mg/kg dry wt	ND	02/19/09	BGL	0.202			
Naphthalene	mg/kg dry wt	ND	02/19/09	BGL	0.202			
Phenanthrene	mg/kg dry wt	ND	02/19/09	BGL	0.202			
Pyrene	mg/kg dry wt	ND	02/19/09	BGL	0.202			
Extraction Date 8270		2/18/2009	02/19/09	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

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

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

2/23/2009

Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009
Field Sample # : SB-355 (0-1)

LIMS-BAT #: LIMT-23302
Job Number: 115058

Sample ID : 09B04348

‡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	02/19/09	BGL	0.225			
Acenaphthylene	mg/kg dry wt	ND	02/19/09	BGL	0.225			
Anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.225			
Benzo(a)anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.225			
Benzo(a)pyrene	mg/kg dry wt	ND	02/19/09	BGL	0.225			
Benzo(b)fluoranthene	mg/kg dry wt	0.246	02/19/09	BGL	0.225			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	02/19/09	BGL	0.225			
Benzo(k)fluoranthene	mg/kg dry wt	ND	02/19/09	BGL	0.225			
Chrysene	mg/kg dry wt	ND	02/19/09	BGL	0.225			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.225			
Fluoranthene	mg/kg dry wt	0.251	02/19/09	BGL	0.225			
Fluorene	mg/kg dry wt	ND	02/19/09	BGL	0.225			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	02/19/09	BGL	0.225			
2-Methylnaphthalene	mg/kg dry wt	ND	02/19/09	BGL	0.225			
Naphthalene	mg/kg dry wt	ND	02/19/09	BGL	0.225			
Phenanthrene	mg/kg dry wt	ND	02/19/09	BGL	0.225			
Pyrene	mg/kg dry wt	0.258	02/19/09	BGL	0.225			
Extraction Date 8270		2/18/2009	02/19/09	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.:

2/23/2009

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009
Field Sample # : SB-355 (1-2.5)

LIMS-BAT #: LIMT-23302
Job Number: 115058

Sample ID : 09B04349

‡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	02/19/09	BGL	0.199			
Acenaphthylene	mg/kg dry wt	ND	02/19/09	BGL	0.199			
Anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.199			
Benzo(a)anthracene	mg/kg dry wt	0.403	02/19/09	BGL	0.199			
Benzo(a)pyrene	mg/kg dry wt	0.470	02/19/09	BGL	0.199			
Benzo(b)fluoranthene	mg/kg dry wt	0.661	02/19/09	BGL	0.199			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	02/19/09	BGL	0.199			
Benzo(k)fluoranthene	mg/kg dry wt	0.270	02/19/09	BGL	0.199			
Chrysene	mg/kg dry wt	0.524	02/19/09	BGL	0.199			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.199			
Fluoranthene	mg/kg dry wt	0.750	02/19/09	BGL	0.199			
Fluorene	mg/kg dry wt	ND	02/19/09	BGL	0.199			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	0.274	02/19/09	BGL	0.199			
2-Methylnaphthalene	mg/kg dry wt	ND	02/19/09	BGL	0.199			
Naphthalene	mg/kg dry wt	ND	02/19/09	BGL	0.199			
Phenanthrene	mg/kg dry wt	0.472	02/19/09	BGL	0.199			
Pyrene	mg/kg dry wt	0.671	02/19/09	BGL	0.199			
Extraction Date 8270		2/18/2009	02/19/09	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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NM = Not Measured

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

2/23/2009

Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009
Field Sample # : SB-355 (4)

LIMS-BAT #: LIMT-23302
Job Number: 115058

Sample ID : 09B04350 ‡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	02/19/09	BGL	0.249			
Acenaphthylene	mg/kg dry wt	ND	02/19/09	BGL	0.249			
Anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.249			
Benzo(a)anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.249			
Benzo(a)pyrene	mg/kg dry wt	ND	02/19/09	BGL	0.249			
Benzo(b)fluoranthene	mg/kg dry wt	ND	02/19/09	BGL	0.249			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	02/19/09	BGL	0.249			
Benzo(k)fluoranthene	mg/kg dry wt	ND	02/19/09	BGL	0.249			
Chrysene	mg/kg dry wt	ND	02/19/09	BGL	0.249			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.249			
Fluoranthene	mg/kg dry wt	ND	02/19/09	BGL	0.249			
Fluorene	mg/kg dry wt	ND	02/19/09	BGL	0.249			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	02/19/09	BGL	0.249			
2-Methylnaphthalene	mg/kg dry wt	ND	02/19/09	BGL	0.249			
Naphthalene	mg/kg dry wt	ND	02/19/09	BGL	0.249			
Phenanthrene	mg/kg dry wt	ND	02/19/09	BGL	0.249			
Pyrene	mg/kg dry wt	ND	02/19/09	BGL	0.249			
Extraction Date 8270		2/18/2009	02/19/09	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

2/23/2009

Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009
Field Sample # : SB-355 (5.5)

LIMS-BAT #: LIMT-23302
Job Number: 115058

Sample ID : 09B04351

‡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	02/20/09	BGL	1.21			
Acenaphthylene	mg/kg dry wt	ND	02/20/09	BGL	1.21			
Anthracene	mg/kg dry wt	ND	02/20/09	BGL	1.21			
Benzo(a)anthracene	mg/kg dry wt	ND	02/20/09	BGL	1.21			
Benzo(a)pyrene	mg/kg dry wt	ND	02/20/09	BGL	1.21			
Benzo(b)fluoranthene	mg/kg dry wt	ND	02/20/09	BGL	1.21			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	02/20/09	BGL	1.21			
Benzo(k)fluoranthene	mg/kg dry wt	ND	02/20/09	BGL	1.21			
Chrysene	mg/kg dry wt	ND	02/20/09	BGL	1.21			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/20/09	BGL	1.21			
Fluoranthene	mg/kg dry wt	ND	02/20/09	BGL	1.21			
Fluorene	mg/kg dry wt	ND	02/20/09	BGL	1.21			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	02/20/09	BGL	1.21			
2-Methylnaphthalene	mg/kg dry wt	ND	02/20/09	BGL	1.21			
Naphthalene	mg/kg dry wt	ND	02/20/09	BGL	1.21			
Phenanthrene	mg/kg dry wt	ND	02/20/09	BGL	1.21			
Pyrene	mg/kg dry wt	ND	02/20/09	BGL	1.21			
Extraction Date 8270		2/18/2009	02/20/09	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

2/23/2009

Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009
Field Sample # : SB-356 (0-1)

LIMS-BAT #: LIMT-23302
Job Number: 115058

Sample ID : 09B04352

‡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	02/20/09	BGL	0.204			
Acenaphthylene	mg/kg dry wt	ND	02/20/09	BGL	0.204			
Anthracene	mg/kg dry wt	ND	02/20/09	BGL	0.204			
Benzo(a)anthracene	mg/kg dry wt	ND	02/20/09	BGL	0.204			
Benzo(a)pyrene	mg/kg dry wt	ND	02/20/09	BGL	0.204			
Benzo(b)fluoranthene	mg/kg dry wt	ND	02/20/09	BGL	0.204			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	02/20/09	BGL	0.204			
Benzo(k)fluoranthene	mg/kg dry wt	ND	02/20/09	BGL	0.204			
Chrysene	mg/kg dry wt	ND	02/20/09	BGL	0.204			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/20/09	BGL	0.204			
Fluoranthene	mg/kg dry wt	ND	02/20/09	BGL	0.204			
Fluorene	mg/kg dry wt	ND	02/20/09	BGL	0.204			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	02/20/09	BGL	0.204			
2-Methylnaphthalene	mg/kg dry wt	ND	02/20/09	BGL	0.204			
Naphthalene	mg/kg dry wt	ND	02/20/09	BGL	0.204			
Phenanthrene	mg/kg dry wt	ND	02/20/09	BGL	0.204			
Pyrene	mg/kg dry wt	ND	02/20/09	BGL	0.204			
Extraction Date 8270		2/18/2009	02/20/09	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

2/23/2009

Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009
Field Sample # : SB-356 (1-2)QC

LIMS-BAT #: LIMT-23302
Job Number: 115058

Sample ID : 09B04353

‡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	02/20/09	BGL	0.195			
Acenaphthylene	mg/kg dry wt	ND	02/20/09	BGL	0.195			
Anthracene	mg/kg dry wt	ND	02/20/09	BGL	0.195			
Benzo(a)anthracene	mg/kg dry wt	ND	02/20/09	BGL	0.195			
Benzo(a)pyrene	mg/kg dry wt	ND	02/20/09	BGL	0.195			
Benzo(b)fluoranthene	mg/kg dry wt	ND	02/20/09	BGL	0.195			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	02/20/09	BGL	0.195			
Benzo(k)fluoranthene	mg/kg dry wt	ND	02/20/09	BGL	0.195			
Chrysene	mg/kg dry wt	ND	02/20/09	BGL	0.195			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/20/09	BGL	0.195			
Fluoranthene	mg/kg dry wt	ND	02/20/09	BGL	0.195			
Fluorene	mg/kg dry wt	ND	02/20/09	BGL	0.195			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	02/20/09	BGL	0.195			
2-Methylnaphthalene	mg/kg dry wt	ND	02/20/09	BGL	0.195			
Naphthalene	mg/kg dry wt	ND	02/20/09	BGL	0.195			
Phenanthrene	mg/kg dry wt	ND	02/20/09	BGL	0.195			
Pyrene	mg/kg dry wt	ND	02/20/09	BGL	0.195			
Extraction Date 8270		2/18/2009	02/20/09	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

Purchase Order No.:

2/23/2009

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009
Field Sample # : SB-356 (3.5)

LIMS-BAT #: LIMT-23302
Job Number: 115058

Sample ID : 09B04354

‡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	02/20/09	BGL	0.221			
Acenaphthylene	mg/kg dry wt	ND	02/20/09	BGL	0.221			
Anthracene	mg/kg dry wt	ND	02/20/09	BGL	0.221			
Benzo(a)anthracene	mg/kg dry wt	0.261	02/20/09	BGL	0.221			
Benzo(a)pyrene	mg/kg dry wt	ND	02/20/09	BGL	0.221			
Benzo(b)fluoranthene	mg/kg dry wt	0.282	02/20/09	BGL	0.221			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	02/20/09	BGL	0.221			
Benzo(k)fluoranthene	mg/kg dry wt	ND	02/20/09	BGL	0.221			
Chrysene	mg/kg dry wt	0.403	02/20/09	BGL	0.221			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/20/09	BGL	0.221			
Fluoranthene	mg/kg dry wt	0.263	02/20/09	BGL	0.221			
Fluorene	mg/kg dry wt	ND	02/20/09	BGL	0.221			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	02/20/09	BGL	0.221			
2-Methylnaphthalene	mg/kg dry wt	ND	02/20/09	BGL	0.221			
Naphthalene	mg/kg dry wt	ND	02/20/09	BGL	0.221			
Phenanthrene	mg/kg dry wt	0.238	02/20/09	BGL	0.221			
Pyrene	mg/kg dry wt	0.528	02/20/09	BGL	0.221			
Extraction Date 8270		2/18/2009	02/20/09	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

2/23/2009

Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009
Field Sample # : SB-356 (6.5)

LIMS-BAT #: LIMT-23302
Job Number: 115058

Sample ID : 09B04355

‡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	02/20/09	BGL	0.244			
Acenaphthylene	mg/kg dry wt	ND	02/20/09	BGL	0.244			
Anthracene	mg/kg dry wt	ND	02/20/09	BGL	0.244			
Benzo(a)anthracene	mg/kg dry wt	ND	02/20/09	BGL	0.244			
Benzo(a)pyrene	mg/kg dry wt	ND	02/20/09	BGL	0.244			
Benzo(b)fluoranthene	mg/kg dry wt	ND	02/20/09	BGL	0.244			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	02/20/09	BGL	0.244			
Benzo(k)fluoranthene	mg/kg dry wt	ND	02/20/09	BGL	0.244			
Chrysene	mg/kg dry wt	ND	02/20/09	BGL	0.244			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/20/09	BGL	0.244			
Fluoranthene	mg/kg dry wt	ND	02/20/09	BGL	0.244			
Fluorene	mg/kg dry wt	ND	02/20/09	BGL	0.244			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	02/20/09	BGL	0.244			
2-Methylnaphthalene	mg/kg dry wt	ND	02/20/09	BGL	0.244			
Naphthalene	mg/kg dry wt	ND	02/20/09	BGL	0.244			
Phenanthrene	mg/kg dry wt	ND	02/20/09	BGL	0.244			
Pyrene	mg/kg dry wt	ND	02/20/09	BGL	0.244			
Extraction Date 8270		2/18/2009	02/20/09	BGL				

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

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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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con-test ANALYTICAL LABORATORY

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

2/23/2009

Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009
Field Sample # : SB-357 (0-1)

LIMS-BAT #: LIMT-23302
Job Number: 115058

Sample ID : 09B04356

‡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	02/20/09	BGL	0.201			
Acenaphthylene	mg/kg dry wt	ND	02/20/09	BGL	0.201			
Anthracene	mg/kg dry wt	ND	02/20/09	BGL	0.201			
Benzo(a)anthracene	mg/kg dry wt	0.242	02/20/09	BGL	0.201			
Benzo(a)pyrene	mg/kg dry wt	0.233	02/20/09	BGL	0.201			
Benzo(b)fluoranthene	mg/kg dry wt	0.223	02/20/09	BGL	0.201			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	02/20/09	BGL	0.201			
Benzo(k)fluoranthene	mg/kg dry wt	ND	02/20/09	BGL	0.201			
Chrysene	mg/kg dry wt	0.267	02/20/09	BGL	0.201			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/20/09	BGL	0.201			
Fluoranthene	mg/kg dry wt	0.348	02/20/09	BGL	0.201			
Fluorene	mg/kg dry wt	ND	02/20/09	BGL	0.201			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	02/20/09	BGL	0.201			
2-Methylnaphthalene	mg/kg dry wt	ND	02/20/09	BGL	0.201			
Naphthalene	mg/kg dry wt	ND	02/20/09	BGL	0.201			
Phenanthrene	mg/kg dry wt	0.286	02/20/09	BGL	0.201			
Pyrene	mg/kg dry wt	0.659	02/20/09	BGL	0.201			
Extraction Date 8270		2/18/2009	02/20/09	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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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

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

2/23/2009

Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009
Field Sample # : SB-357 (1-2)

LIMS-BAT #: LIMT-23302
Job Number: 115058

Sample ID : 09B04357

‡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	0.195			
Acenaphthylene	mg/kg dry wt	ND	02/23/09	BGL	0.195			
Anthracene	mg/kg dry wt	ND	02/23/09	BGL	0.195			
Benzo(a)anthracene	mg/kg dry wt	0.773	02/23/09	BGL	0.195			
Benzo(a)pyrene	mg/kg dry wt	0.779	02/23/09	BGL	0.195			
Benzo(b)fluoranthene	mg/kg dry wt	0.923	02/23/09	BGL	0.195			
Benzo(g,h,i)perylene	mg/kg dry wt	0.344	02/23/09	BGL	0.195			
Benzo(k)fluoranthene	mg/kg dry wt	0.383	02/23/09	BGL	0.195			
Chrysene	mg/kg dry wt	0.863	02/23/09	BGL	0.195			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/23/09	BGL	0.195			
Fluoranthene	mg/kg dry wt	1.40	02/23/09	BGL	0.195			
Fluorene	mg/kg dry wt	ND	02/23/09	BGL	0.195			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	0.489	02/23/09	BGL	0.195			
2-Methylnaphthalene	mg/kg dry wt	ND	02/23/09	BGL	0.195			
Naphthalene	mg/kg dry wt	ND	02/23/09	BGL	0.195			
Phenanthrene	mg/kg dry wt	0.780	02/23/09	BGL	0.195			
Pyrene	mg/kg dry wt	1.30	02/23/09	BGL	0.195			
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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con-test ANALYTICAL LABORATORY

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

2/23/2009

Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009
Field Sample # : SB-D1-4

LIMS-BAT #: LIMT-23302
Job Number: 115058

Sample ID : 09B04346 ‡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	02/19/09	BGL	0.252			
Acenaphthylene	mg/kg dry wt	ND	02/19/09	BGL	0.252			
Anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.252			
Benzo(a)anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.252			
Benzo(a)pyrene	mg/kg dry wt	ND	02/19/09	BGL	0.252			
Benzo(b)fluoranthene	mg/kg dry wt	ND	02/19/09	BGL	0.252			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	02/19/09	BGL	0.252			
Benzo(k)fluoranthene	mg/kg dry wt	ND	02/19/09	BGL	0.252			
Chrysene	mg/kg dry wt	ND	02/19/09	BGL	0.252			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.252			
Fluoranthene	mg/kg dry wt	ND	02/19/09	BGL	0.252			
Fluorene	mg/kg dry wt	ND	02/19/09	BGL	0.252			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	02/19/09	BGL	0.252			
2-Methylnaphthalene	mg/kg dry wt	ND	02/19/09	BGL	0.252			
Naphthalene	mg/kg dry wt	ND	02/19/09	BGL	0.252			
Phenanthrene	mg/kg dry wt	ND	02/19/09	BGL	0.252			
Pyrene	mg/kg dry wt	ND	02/19/09	BGL	0.252			
Extraction Date 8270		2/18/2009	02/19/09	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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con-test® ANALYTICAL LABORATORY

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

Purchase Order No.:

2/23/2009

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

LIMS-BAT #: LIMT-23302
Job Number: 115058

Field Sample # : SB-354 (3-4)

Sample ID : 09B04345 ‡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	%	73.6	02/19/09	FD				

Field Sample # : SB-354 (8)

Sample ID : 09B04347 ‡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	%	82.9	02/19/09	FD				

Field Sample # : SB-355 (0-1)

Sample ID : 09B04348 ‡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	%	74.2	02/19/09	FD				

Field Sample # : SB-355 (1-2.5)

Sample ID : 09B04349 ‡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	%	84.1	02/19/09	FD				

Field Sample # : SB-355 (4)

Sample ID : 09B04350 ‡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	%	67.0	02/19/09	FD				

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

Purchase Order No.:

2/23/2009

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

LIMS-BAT #: LIMT-23302
Job Number: 115058

Field Sample # : SB-355 (5.5)

Sample ID : 09B04351 ‡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	%	13.8	02/19/09	FD				

Field Sample # : SB-356 (0-1)

Sample ID : 09B04352 ‡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	%	81.8	02/19/09	FD				

Field Sample # : SB-356 (1-2)QC

Sample ID : 09B04353 ‡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	%	85.8	02/19/09	FD				

Field Sample # : SB-356 (3.5)

Sample ID : 09B04354 ‡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	%	75.5	02/19/09	FD				

Field Sample # : SB-356 (6.5)

Sample ID : 09B04355 ‡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	%	68.5	02/19/09	FD				

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

Purchase Order No.:

2/23/2009

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

LIMS-BAT #: LIMT-23302
Job Number: 115058

Field Sample # : SB-357 (0-1)

Sample ID : 09B04356 ‡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	%	83.0	02/19/09	FD				

Field Sample # : SB-357 (1-2)

Sample ID : 09B04357 ‡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	%	85.6	02/19/09	FD				

Field Sample # : SB-D1-4

Sample ID : 09B04346 ‡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	%	66.4	02/19/09	FD				

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

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TRC SOLUTIONS - LOWELL
650 SUFFOLK STREET
LOWELL, MA 01852

2/23/2009

Purchase Order No.:

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

LIMS-BAT #: LIMT-23302
Job Number: 115058

** END OF REPORT **

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con-test® ANALYTICAL LABORATORY

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

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: 2/23/2009 Lims Bat # : LIMT-23302

QC Batch Number: GCMS/SEMI-11945

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04345					
	Nitrobenzene-d5	Surrogate Recovery	59.1	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	63.0	%	30-130
	Terphenyl-d14	Surrogate Recovery	61.6	%	30-130
09B04346					
	Nitrobenzene-d5	Surrogate Recovery	68.6	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	73.2	%	30-130
	Terphenyl-d14	Surrogate Recovery	57.3	%	30-130
09B04347					
	Nitrobenzene-d5	Surrogate Recovery	61.7	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	62.7	%	30-130
	Terphenyl-d14	Surrogate Recovery	60.3	%	30-130
09B04348					
	Nitrobenzene-d5	Surrogate Recovery	56.1	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	63.8	%	30-130
	Terphenyl-d14	Surrogate Recovery	56.2	%	30-130
09B04349					
	Nitrobenzene-d5	Surrogate Recovery	51.9	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	54.2	%	30-130
	Terphenyl-d14	Surrogate Recovery	48.2	%	30-130
09B04350					
	Nitrobenzene-d5	Surrogate Recovery	63.4	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	70.8	%	30-130
	Terphenyl-d14	Surrogate Recovery	52.9	%	30-130
09B04351					
	Nitrobenzene-d5	Surrogate Recovery	62.7	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	66.6	%	30-130
	Terphenyl-d14	Surrogate Recovery	87.8	%	30-130
09B04352					
	Nitrobenzene-d5	Surrogate Recovery	59.9	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	63.0	%	30-130
	Terphenyl-d14	Surrogate Recovery	105.9	%	30-130
09B04353					
	Naphthalene	Sample Amount	<0.195	mg/kg dry wt	
		Matrix Spk Amt Added	1.942	mg/kg dry wt	
		MS Amt Measured	1.114	mg/kg dry wt	
		Matrix Spike % Rec.	57.400	%	40-140
		MSD Amount Added	1.942	mg/kg dry wt	
		MSD Amt Measured	1.105	mg/kg dry wt	
		MSD % Recovery	56.920	%	
		MSD Range	0.480	units	
		MS Duplicate RPD	0.839	%	0-30
	Acenaphthene	Sample Amount	<0.195	mg/kg dry wt	
		Matrix Spk Amt Added	1.942	mg/kg dry wt	

con-test ANALYTICAL LABORATORY

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

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: 2/23/2009 Lims Bat # : LIMT-23302

QC Batch Number: GCMS/SEMI-11945

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04353					
	Acenaphthene	MS Amt Measured	1.150	mg/kg dry wt	
		Matrix Spike % Rec.	59.240	%	40-140
		MSD Amount Added	1.942	mg/kg dry wt	
		MSD Amt Measured	1.125	mg/kg dry wt	
		MSD % Recovery	57.960	%	
		MSD Range	1.279	units	
		MS Duplicate RPD	2.184	%	0-30
	Acenaphthylene	Sample Amount	<0.195	mg/kg dry wt	
		Matrix Spk Amt Added	1.942	mg/kg dry wt	
		MS Amt Measured	1.127	mg/kg dry wt	
		Matrix Spike % Rec.	58.060	%	40-140
		MSD Amount Added	1.942	mg/kg dry wt	
		MSD Amt Measured	1.102	mg/kg dry wt	
		MSD % Recovery	56.759	%	
		MSD Range	1.300	units	
		MS Duplicate RPD	2.264	%	0-30
	Anthracene	Sample Amount	<0.195	mg/kg dry wt	
		Matrix Spk Amt Added	1.942	mg/kg dry wt	
		MS Amt Measured	1.155	mg/kg dry wt	
		Matrix Spike % Rec.	59.460	%	40-140
		MSD Amount Added	1.942	mg/kg dry wt	
		MSD Amt Measured	1.132	mg/kg dry wt	
		MSD % Recovery	58.319	%	
		MSD Range	1.140	units	
		MS Duplicate RPD	1.935	%	0-30
	Benzo(a)anthracene	Sample Amount	<0.195	mg/kg dry wt	
		Matrix Spk Amt Added	1.942	mg/kg dry wt	
		MS Amt Measured	1.225	mg/kg dry wt	
		Matrix Spike % Rec.	63.080	%	40-140
		MSD Amount Added	1.942	mg/kg dry wt	
		MSD Amt Measured	1.209	mg/kg dry wt	
		MSD % Recovery	62.280	%	
		MSD Range	0.800	units	
		MS Duplicate RPD	1.276	%	0-30
	Benzo(a)pyrene	Sample Amount	<0.195	mg/kg dry wt	
		Matrix Spk Amt Added	1.942	mg/kg dry wt	
		MS Amt Measured	1.334	mg/kg dry wt	
		Matrix Spike % Rec.	68.699	%	40-140
		MSD Amount Added	1.942	mg/kg dry wt	
		MSD Amt Measured	1.305	mg/kg dry wt	
		MSD % Recovery	67.200	%	
		MSD Range	1.499	units	
		MS Duplicate RPD	2.207	%	0-30

con-test ANALYTICAL LABORATORY

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

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: 2/23/2009 Lims Bat # : LIMT-23302

QC Batch Number: GCMS/SEMI-11945

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04353					
	Benzo(b)fluoranthene	Sample Amount	<0.195	mg/kg dry wt	
		Matrix Spk Amt Added	1.942	mg/kg dry wt	
		MS Amt Measured	1.492	mg/kg dry wt	
		Matrix Spike % Rec.	76.839	%	40-140
		MSD Amount Added	1.942	mg/kg dry wt	
		MSD Amt Measured	1.454	mg/kg dry wt	
		MSD % Recovery	74.899	%	
		MSD Range	1.940	units	
		MS Duplicate RPD	2.557	%	0-30
	Benzo(g,h,i)perylene	Sample Amount	<0.195	mg/kg dry wt	
		Matrix Spk Amt Added	1.942	mg/kg dry wt	
		MS Amt Measured	0.855	mg/kg dry wt	
		Matrix Spike % Rec.	44.060	%	40-140
		MSD Amount Added	1.942	mg/kg dry wt	
		MSD Amt Measured	0.923	mg/kg dry wt	
		MSD % Recovery	47.520	%	
		MSD Range	3.460	units	
		MS Duplicate RPD	7.556	%	0-30
	Chrysene	Sample Amount	<0.195	mg/kg dry wt	
		Matrix Spk Amt Added	1.942	mg/kg dry wt	
		MS Amt Measured	1.229	mg/kg dry wt	
		Matrix Spike % Rec.	63.300	%	40-140
		MSD Amount Added	1.942	mg/kg dry wt	
		MSD Amt Measured	1.220	mg/kg dry wt	
		MSD % Recovery	62.840	%	
		MSD Range	0.460	units	
		MS Duplicate RPD	0.729	%	0-30
	Dibenz(a,h)anthracene	Sample Amount	<0.195	mg/kg dry wt	
		Matrix Spk Amt Added	1.942	mg/kg dry wt	
		MS Amt Measured	0.940	mg/kg dry wt	
		Matrix Spike % Rec.	48.420	%	40-140
		MSD Amount Added	1.942	mg/kg dry wt	
		MSD Amt Measured	0.938	mg/kg dry wt	
		MSD % Recovery	48.320	%	
		MSD Range	0.099	units	
		MS Duplicate RPD	0.206	%	0-30
	Fluoranthene	Sample Amount	<0.195	mg/kg dry wt	
		Matrix Spk Amt Added	1.942	mg/kg dry wt	
		MS Amt Measured	1.106	mg/kg dry wt	
		Matrix Spike % Rec.	56.940	%	40-140
		MSD Amount Added	1.942	mg/kg dry wt	
		MSD Amt Measured	1.092	mg/kg dry wt	
		MSD % Recovery	56.239	%	

con-test ANALYTICAL LABORATORY

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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: 2/23/2009 Lims Bat # : LIMT-23302

QC Batch Number: GCMS/SEMI-11945

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04353					
	Fluoranthene	MSD Range	0.700	units	
		MS Duplicate RPD	1.236	%	0-30
	Fluorene	Sample Amount	<0.195	mg/kg dry wt	
		Matrix Spk Amt Added	1.942	mg/kg dry wt	
		MS Amt Measured	1.088	mg/kg dry wt	
		Matrix Spike % Rec.	56.060	%	40-140
		MSD Amount Added	1.942	mg/kg dry wt	
		MSD Amt Measured	1.180	mg/kg dry wt	
		MSD % Recovery	60.760	%	
		MSD Range	4.699	units	
		MS Duplicate RPD	8.046	%	0-30
	Indeno(1,2,3-cd)pyrene	Sample Amount	<0.195	mg/kg dry wt	
		Matrix Spk Amt Added	1.942	mg/kg dry wt	
		MS Amt Measured	0.965	mg/kg dry wt	
		Matrix Spike % Rec.	49.680	%	40-140
		MSD Amount Added	1.942	mg/kg dry wt	
		MSD Amt Measured	0.991	mg/kg dry wt	
		MSD % Recovery	51.020	%	
		MSD Range	1.340	units	
		MS Duplicate RPD	2.661	%	0-30
	2-Methylnaphthalene	Sample Amount	<0.195	mg/kg dry wt	
		Matrix Spk Amt Added	1.942	mg/kg dry wt	
		MS Amt Measured	1.055	mg/kg dry wt	
		Matrix Spike % Rec.	54.360	%	40-140
		MSD Amount Added	1.942	mg/kg dry wt	
		MSD Amt Measured	1.070	mg/kg dry wt	
		MSD % Recovery	55.120	%	
		MSD Range	0.759	units	
		MS Duplicate RPD	1.388	%	0-30
	Phenanthrene	Sample Amount	<0.195	mg/kg dry wt	
		Matrix Spk Amt Added	1.942	mg/kg dry wt	
		MS Amt Measured	1.177	mg/kg dry wt	
		Matrix Spike % Rec.	60.640	%	40-140
		MSD Amount Added	1.942	mg/kg dry wt	
		MSD Amt Measured	1.194	mg/kg dry wt	
		MSD % Recovery	61.479	%	
		MSD Range	0.839	units	
		MS Duplicate RPD	1.375	%	0-30
	Pyrene	Sample Amount	<0.195	mg/kg dry wt	
		Matrix Spk Amt Added	1.942	mg/kg dry wt	
		MS Amt Measured	0.883	mg/kg dry wt	
		Matrix Spike % Rec.	45.480	%	40-140
		MSD Amount Added	1.942	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: 2/23/2009 Lims Bat # : LIMT-23302

QC Batch Number: GCMS/SEMI-11945

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04353					
	Pyrene	MSD Amt Measured	0.950	mg/kg dry wt	
		MSD % Recovery	48.920	%	
		MSD Range	3.439	units	
		MS Duplicate RPD	7.288	%	0-30
	Benzo(k)fluoranthene	Sample Amount	<0.195	mg/kg dry wt	
		Matrix Spk Amt Added	1.942	mg/kg dry wt	
		MS Amt Measured	1.641	mg/kg dry wt	
		Matrix Spike % Rec.	84.480	%	40-140
		MSD Amount Added	1.942	mg/kg dry wt	
		MSD Amt Measured	1.560	mg/kg dry wt	
		MSD % Recovery	80.320	%	
		MSD Range	4.159	units	
		MS Duplicate RPD	5.048	%	0-30
	Nitrobenzene-d5	Surrogate Recovery	56.2	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	57.9	%	30-130
	Terphenyl-d14	Surrogate Recovery	97.4	%	30-130
09B04354					
	Nitrobenzene-d5	Surrogate Recovery	61.6	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	70.3	%	30-130
	Terphenyl-d14	Surrogate Recovery	80.1	%	30-130
09B04355					
	Nitrobenzene-d5	Surrogate Recovery	66.1	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	66.7	%	30-130
	Terphenyl-d14	Surrogate Recovery	105.6	%	30-130
09B04356					
	Nitrobenzene-d5	Surrogate Recovery	51.1	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	53.2	%	30-130
	Terphenyl-d14	Surrogate Recovery	89.4	%	30-130
09B04357					
	Nitrobenzene-d5	Surrogate Recovery	58.7	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	63.9	%	30-130
	Terphenyl-d14	Surrogate Recovery	55.9	%	30-130
BLANK-129808					
	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	

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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: 2/23/2009 Lims Bat # : LIMT-23302

QC Batch Number: GCMS/SEMI-11945

Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-129808					
	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-91921					
	Naphthalene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	0.995	mg/kg dry wt	
		Lab Fort Blk. % Rec.	59.719	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	1.028	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	61.720	%	
		Lab Fort Blank Range	2.000	units	
		Lab Fort Bl. Av. Rec	60.720	%	
		LFB Duplicate RPD	3.293	%	0-30
	Acenaphthene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	0.978	mg/kg dry wt	
		Lab Fort Blk. % Rec.	58.699	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.995	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	59.719	%	
		Lab Fort Blank Range	1.020	units	
		Lab Fort Bl. Av. Rec	59.209	%	
		LFB Duplicate RPD	1.722	%	0-30
	Acenaphthylene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	0.987	mg/kg dry wt	
		Lab Fort Blk. % Rec.	59.219	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	1.008	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	60.479	%	
		Lab Fort Blank Range	1.259	units	
		Lab Fort Bl. Av. Rec	59.849	%	
		LFB Duplicate RPD	2.105	%	0-30
	Anthracene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	0.979	mg/kg dry wt	
		Lab Fort Blk. % Rec.	58.739	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.994	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	59.639	%	
		Lab Fort Blank Range	0.900	units	
		Lab Fort Bl. Av. Rec	59.189	%	

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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
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Report Date: 2/23/2009 Lims Bat # : LIMT-23302

QC Batch Number: GCMS/SEMI-11945

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-91921					
	Anthracene	LFB Duplicate RPD	1.520	%	0-30
	Benzo(a)anthracene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.101	mg/kg dry wt	
		Lab Fort Blk. % Rec.	66.059	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	1.129	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	67.780	%	
		Lab Fort Blank Range	1.720	units	
		Lab Fort Bl. Av. Rec	66.920	%	
		LFB Duplicate RPD	2.570	%	0-30
	Benzo(a)pyrene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.075	mg/kg dry wt	
		Lab Fort Blk. % Rec.	64.519	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	1.123	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	67.399	%	
		Lab Fort Blank Range	2.879	units	
		Lab Fort Bl. Av. Rec	65.959	%	
		LFB Duplicate RPD	4.366	%	0-30
	Benzo(b)fluoranthene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	0.990	mg/kg dry wt	
		Lab Fort Blk. % Rec.	59.399	%	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	5.200	units	
		Lab Fort Bl. Av. Rec	62.000	%	
		LFB Duplicate RPD	8.387	%	0-30
	Benzo(g,h,i)perylene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.210	mg/kg dry wt	
		Lab Fort Blk. % Rec.	72.619	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	1.282	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	76.919	%	
		Lab Fort Blank Range	4.300	units	
		Lab Fort Bl. Av. Rec	74.769	%	
		LFB Duplicate RPD	5.750	%	0-30
	Chrysene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.096	mg/kg dry wt	
		Lab Fort Blk. % Rec.	65.800	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	1.100	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	66.019	%	

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QC SUMMARY REPORT

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Report Date: 2/23/2009 Lims Bat # : LIMT-23302

QC Batch Number: GCMS/SEMI-11945

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-91921					
	Chrysene	Lab Fort Blank Range	0.219	units	
		Lab Fort Bl. Av. Rec	65.909	%	
		LFB Duplicate RPD	0.333	%	0-30
	Dibenz(a,h)anthracene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.129	mg/kg dry wt	
		Lab Fort Blk. % Rec.	67.780	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	1.219	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	73.139	%	
		Lab Fort Blank Range	5.359	units	
		Lab Fort Bl. Av. Rec	70.460	%	
		LFB Duplicate RPD	7.607	%	0-30
	Fluoranthene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.042	mg/kg dry wt	
		Lab Fort Blk. % Rec.	62.539	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	1.148	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	68.899	%	
		Lab Fort Blank Range	6.359	units	
		Lab Fort Bl. Av. Rec	65.719	%	
		LFB Duplicate RPD	9.677	%	0-30
	Fluorene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.012	mg/kg dry wt	
		Lab Fort Blk. % Rec.	60.760	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	1.044	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	62.639	%	
		Lab Fort Blank Range	1.879	units	
		Lab Fort Bl. Av. Rec	61.700	%	
		LFB Duplicate RPD	3.047	%	0-30
	Indeno(1,2,3-cd)pyrene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.193	mg/kg dry wt	
		Lab Fort Blk. % Rec.	71.599	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	1.226	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	73.559	%	
		Lab Fort Blank Range	1.960	units	
		Lab Fort Bl. Av. Rec	72.579	%	
		LFB Duplicate RPD	2.700	%	0-30
	2-Methylnaphthalene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.062	mg/kg dry wt	
		Lab Fort Blk. % Rec.	63.739	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	

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QC SUMMARY REPORT

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Sample Matrix Spikes and Matrix Spike Duplicates

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

Report Date: 2/23/2009 Lims Bat # : LIMT-23302

QC Batch Number: GCMS/SEMI-11945

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-91921					
	2-Methylnaphthalene	Dup Lab Fort Bl. Fnd	1.092	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	65.539	%	
		Lab Fort Blank Range	1.800	units	
		Lab Fort Bl. Av. Rec	64.639	%	
		LFB Duplicate RPD	2.784	%	0-30
	Phenanthrene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	0.970	mg/kg dry wt	
		Lab Fort Blk. % Rec.	58.219	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.994	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	59.659	%	
		Lab Fort Blank Range	1.440	units	
		Lab Fort Bl. Av. Rec	58.939	%	
		LFB Duplicate RPD	2.443	%	0-30
	Pyrene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.306	mg/kg dry wt	
		Lab Fort Blk. % Rec.	78.379	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	1.545	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	92.699	%	
		Lab Fort Blank Range	14.320	units	
		Lab Fort Bl. Av. Rec	85.539	%	
		LFB Duplicate RPD	16.740	%	0-30
	Benzo(k)fluoranthene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.118	mg/kg dry wt	
		Lab Fort Blk. % Rec.	67.120	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	1.206	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	72.400	%	
		Lab Fort Blank Range	5.279	units	
		Lab Fort Bl. Av. Rec	69.760	%	
		LFB Duplicate RPD	7.568	%	0-30

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Report Date: 2/23/2009 Lims Bat # : LIMT-23302

QC Batch Number: HG-9878

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04353					
	Mercury	Sample Amount	0.256	mg/kg dry wt	
		Duplicate Value	0.203	mg/kg dry wt	
		Duplicate RPD	23.156	%	0-35
		Sample Amount	0.256	mg/kg dry wt	
		Matrix Spk Amt Added	0.232	mg/kg dry wt	
		MS Amt Measured	0.462	mg/kg dry wt	
		Matrix Spike % Rec.	88.740	%	75-125
		MSD Amount Added	0.255	mg/kg dry wt	
		MSD Amt Measured	0.488	mg/kg dry wt	
		MSD % Recovery	90.755	%	75-125
		MSD Range	2.015	units	
		MS Duplicate RPD	5.336	%	0-35
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

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Report Date: 2/23/2009 Lims Bat # : LIMT-23302

QC Batch Number: ICP-21188

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04353					
	Silver	Sample Amount	<0.59	mg/kg dry wt	
		Matrix Spk Amt Added	29.13	mg/kg dry wt	
		MS Amt Measured	29.02	mg/kg dry wt	
		Matrix Spike % Rec.	99.60	%	75-125
		MSD Amount Added	29.13	mg/kg dry wt	
		MSD Amt Measured	29.23	mg/kg dry wt	
		MSD % Recovery	100.34	%	75-125
		MSD Range	0.73	units	
		MS Duplicate RPD	0.74	%	0-35
	Arsenic	Sample Amount	3.80	mg/kg dry wt	
		Duplicate Value	3.73	mg/kg dry wt	
		Duplicate RPD	1.84	%	0-35
		Sample Amount	3.80	mg/kg dry wt	
		Matrix Spk Amt Added	29.13	mg/kg dry wt	
		MS Amt Measured	34.95	mg/kg dry wt	
		Matrix Spike % Rec.	106.90	%	75-125
		MSD Amount Added	29.13	mg/kg dry wt	
		MSD Amt Measured	35.67	mg/kg dry wt	
		MSD % Recovery	109.36	%	75-125
		MSD Range	2.45	units	
		MS Duplicate RPD	2.02	%	0-35
	Barium	Sample Amount	23.49	mg/kg dry wt	
		Duplicate Value	22.40	mg/kg dry wt	
		Duplicate RPD	4.75	%	0-35
		Sample Amount	23.49	mg/kg dry wt	
		Matrix Spk Amt Added	29.13	mg/kg dry wt	
		MS Amt Measured	55.54	mg/kg dry wt	
		Matrix Spike % Rec.	109.99	%	75-125
		MSD Amount Added	29.13	mg/kg dry wt	
		MSD Amt Measured	56.45	mg/kg dry wt	
		MSD % Recovery	113.11	%	75-125
		MSD Range	3.11	units	
		MS Duplicate RPD	1.62	%	0-35
	Beryllium	Sample Amount	0.34	mg/kg dry wt	
		Duplicate Value	0.33	mg/kg dry wt	
		Duplicate RPD	1.77	%	0-35
		Sample Amount	0.34	mg/kg dry wt	
		Matrix Spk Amt Added	29.13	mg/kg dry wt	
		MS Amt Measured	32.02	mg/kg dry wt	
		Matrix Spike % Rec.	108.73	%	75-125
		MSD Amount Added	29.13	mg/kg dry wt	
		MSD Amt Measured	32.20	mg/kg dry wt	
		MSD % Recovery	109.35	%	75-125

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QC SUMMARY REPORT

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Report Date: 2/23/2009 Lims Bat # : LIMT-23302

QC Batch Number: ICP-21188

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04353					
	Beryllium	MSD Range	0.62	units	
		MS Duplicate RPD	0.56	%	0-35
	Cadmium	Sample Amount	<0.30	mg/kg dry wt	
		Matrix Spk Amt Added	29.13	mg/kg dry wt	
		MS Amt Measured	30.79	mg/kg dry wt	
		Matrix Spike % Rec.	105.68	%	75-125
		MSD Amount Added	29.13	mg/kg dry wt	
		MSD Amt Measured	30.92	mg/kg dry wt	
		MSD % Recovery	106.12	%	75-125
		MSD Range	0.43	units	
		MS Duplicate RPD	0.41	%	0-35
	Chromium	Sample Amount	8.25	mg/kg dry wt	
		Duplicate Value	7.24	mg/kg dry wt	
		Duplicate RPD	12.95	%	0-35
		Sample Amount	8.25	mg/kg dry wt	
		Matrix Spk Amt Added	29.13	mg/kg dry wt	
		MS Amt Measured	40.16	mg/kg dry wt	
		Matrix Spike % Rec.	109.51	%	75-125
		MSD Amount Added	29.13	mg/kg dry wt	
		MSD Amt Measured	40.90	mg/kg dry wt	
		MSD % Recovery	112.05	%	75-125
		MSD Range	2.53	units	
		MS Duplicate RPD	1.82	%	0-35
	Nickel	Sample Amount	4.02	mg/kg dry wt	
		Duplicate Value	3.66	mg/kg dry wt	
		Duplicate RPD	9.39	%	0-35
		Sample Amount	4.02	mg/kg dry wt	
		Matrix Spk Amt Added	29.13	mg/kg dry wt	
		MS Amt Measured	33.65	mg/kg dry wt	
		Matrix Spike % Rec.	101.67	%	75-125
		MSD Amount Added	29.13	mg/kg dry wt	
		MSD Amt Measured	34.28	mg/kg dry wt	
		MSD % Recovery	103.83	%	75-125
		MSD Range	2.15	units	
		MS Duplicate RPD	1.85	%	0-35
	Lead	Sample Amount	18.96	mg/kg dry wt	
		Duplicate Value	13.53	mg/kg dry wt	
		Duplicate RPD	33.41	%	0-35
		Sample Amount	18.96	mg/kg dry wt	
		Matrix Spk Amt Added	29.13	mg/kg dry wt	
		MS Amt Measured	50.27	mg/kg dry wt	
		Matrix Spike % Rec.	107.45	%	75-125
		MSD Amount Added	29.13	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: 2/23/2009 Lims Bat # : LIMT-23302

QC Batch Number: ICP-21188

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04353					
	Lead	MSD Amt Measured	49.88	mg/kg dry wt	
		MSD % Recovery	106.09	%	75-125
		MSD Range	1.36	units	
		MS Duplicate RPD	0.79	%	0-35
	Antimony	Sample Amount	<4.67	mg/kg dry wt	
		Matrix Spk Amt Added	29.13	mg/kg dry wt	
		MS Amt Measured	13.05	mg/kg dry wt	
		Matrix Spike % Rec.	44.82	%	75-125
		MSD Amount Added	29.13	mg/kg dry wt	
		MSD Amt Measured	12.87	mg/kg dry wt	
		MSD % Recovery	44.20	%	75-125
		MSD Range	0.62	units	
		MS Duplicate RPD	1.39	%	0-35
	Selenium	Sample Amount	<5.83	mg/kg dry wt	
		Matrix Spk Amt Added	29.13	mg/kg dry wt	
		MS Amt Measured	29.28	mg/kg dry wt	
		Matrix Spike % Rec.	100.50	%	75-125
		MSD Amount Added	29.13	mg/kg dry wt	
		MSD Amt Measured	30.18	mg/kg dry wt	
		MSD % Recovery	103.58	%	75-125
		MSD Range	3.08	units	
		MS Duplicate RPD	3.01	%	0-35
	Thallium	Sample Amount	<3.50	mg/kg dry wt	
		Matrix Spk Amt Added	29.13	mg/kg dry wt	
		MS Amt Measured	33.62	mg/kg dry wt	
		Matrix Spike % Rec.	115.40	%	75-125
		MSD Amount Added	29.13	mg/kg dry wt	
		MSD Amt Measured	32.76	mg/kg dry wt	
		MSD % Recovery	112.46	%	75-125
		MSD Range	2.93	units	
		MS Duplicate RPD	2.58	%	0-35
	Vanadium	Sample Amount	11.11	mg/kg dry wt	
		Duplicate Value	10.46	mg/kg dry wt	
		Duplicate RPD	6.01	%	0-35
		Sample Amount	11.11	mg/kg dry wt	
		Matrix Spk Amt Added	29.13	mg/kg dry wt	
		MS Amt Measured	43.80	mg/kg dry wt	
		Matrix Spike % Rec.	112.19	%	75-125
		MSD Amount Added	29.13	mg/kg dry wt	
		MSD Amt Measured	44.25	mg/kg dry wt	
		MSD % Recovery	113.73	%	75-125
		MSD Range	1.54	units	
		MS Duplicate RPD	1.01	%	0-35

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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: 2/23/2009 Lims Bat # : LIMT-23302

QC Batch Number: ICP-21188

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04353					
	Zinc	Sample Amount	17.15	mg/kg dry wt	
		Duplicate Value	18.35	mg/kg dry wt	
		Duplicate RPD	6.72	%	0-35
		Sample Amount	17.15	mg/kg dry wt	
		Matrix Spk Amt Added	29.13	mg/kg dry wt	
		MS Amt Measured	50.32	mg/kg dry wt	
		Matrix Spike % Rec.	113.83	%	75-125
		MSD Amount Added	29.13	mg/kg dry wt	
		MSD Amt Measured	49.50	mg/kg dry wt	
		MSD % Recovery	111.01	%	75-125
		MSD Range	2.81	units	
		MS Duplicate RPD	1.64	%	0-35
BLANK-129737					
	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	2.73	mg/kg dry wt	
LFBLANK-91843					
	Silver	Lab Fort Blank Amt.	62.40	mg/kg dry wt	
		Lab Fort Blk. Found	59.13	mg/kg dry wt	
		Lab Fort Blk. % Rec.	94.75	%	66-133
		Dup Lab Fort Bl Amt.	62.40	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	59.77	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	95.78	%	66-133
		Lab Fort Blank Range	1.02	units	
		Lab Fort Bl. Av. Rec	95.27	%	
		LFB Duplicate RPD	1.07	%	0-30
	Arsenic	Lab Fort Blank Amt.	123.00	mg/kg dry wt	
		Lab Fort Blk. Found	126.06	mg/kg dry wt	
		Lab Fort Blk. % Rec.	102.48	%	80-120
		Dup Lab Fort Bl Amt.	123.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	123.78	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	100.63	%	80-120
		Lab Fort Blank Range	1.85	units	

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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: 2/23/2009 Lims Bat # : LIMT-23302

QC Batch Number: ICP-21188

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-91843					
	Arsenic	Lab Fort Bl. Av. Rec	101.56	%	
		LFB Duplicate RPD	1.82	%	0-30
	Barium	Lab Fort Blank Amt.	256.00	mg/kg dry wt	
		Lab Fort Blk. Found	273.85	mg/kg dry wt	
		Lab Fort Blk. % Rec.	106.97	%	81-119
		Dup Lab Fort Bl Amt.	256.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	262.61	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	102.58	%	81-119
		Lab Fort Blank Range	4.39	units	
		Lab Fort Bl. Av. Rec	104.77	%	
		LFB Duplicate RPD	4.19	%	0-30
	Beryllium	Lab Fort Blank Amt.	75.90	mg/kg dry wt	
		Lab Fort Blk. Found	77.76	mg/kg dry wt	
		Lab Fort Blk. % Rec.	102.45	%	84-116
		Dup Lab Fort Bl Amt.	75.90	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	78.56	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	103.51	%	84-116
		Lab Fort Blank Range	1.06	units	
		Lab Fort Bl. Av. Rec	102.98	%	
		LFB Duplicate RPD	1.03	%	0-30
	Cadmium	Lab Fort Blank Amt.	258.00	mg/kg dry wt	
		Lab Fort Blk. Found	255.56	mg/kg dry wt	
		Lab Fort Blk. % Rec.	99.05	%	83-117
		Dup Lab Fort Bl Amt.	258.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	261.68	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	101.42	%	83-117
		Lab Fort Blank Range	2.37	units	
		Lab Fort Bl. Av. Rec	100.24	%	
		LFB Duplicate RPD	2.36	%	0-30
	Chromium	Lab Fort Blank Amt.	138.00	mg/kg dry wt	
		Lab Fort Blk. Found	142.61	mg/kg dry wt	
		Lab Fort Blk. % Rec.	103.34	%	82-118
		Dup Lab Fort Bl Amt.	138.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	141.38	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	102.45	%	82-118
		Lab Fort Blank Range	0.88	units	
		Lab Fort Bl. Av. Rec	102.89	%	
		LFB Duplicate RPD	0.85	%	0-30
	Nickel	Lab Fort Blank Amt.	111.00	mg/kg dry wt	
		Lab Fort Blk. Found	106.83	mg/kg dry wt	
		Lab Fort Blk. % Rec.	96.24	%	80-120
		Dup Lab Fort Bl Amt.	111.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	107.64	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: 2/23/2009 Lims Bat # : LIMT-23302

QC Batch Number: ICP-21188

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-91843					
	Nickel	Dup Lab Fort Bl %Rec	96.97	%	80-120
		Lab Fort Blank Range	0.72	units	
		Lab Fort Bl. Av. Rec	96.60	%	
		LFB Duplicate RPD	0.75	%	0-30
	Lead	Lab Fort Blank Amt.	136.00	mg/kg dry wt	
		Lab Fort Blk. Found	130.21	mg/kg dry wt	
		Lab Fort Blk. % Rec.	95.74	%	82-118
		Dup Lab Fort Bl Amt.	136.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	126.75	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	93.19	%	82-118
		Lab Fort Blank Range	2.54	units	
		Lab Fort Bl. Av. Rec	94.47	%	
		LFB Duplicate RPD	2.69	%	0-30
	Antimony	Lab Fort Blank Amt.	138.00	mg/kg dry wt	
		Lab Fort Blk. Found	136.41	mg/kg dry wt	
		Lab Fort Blk. % Rec.	98.85	%	30-207
		Dup Lab Fort Bl Amt.	138.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	131.71	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	95.44	%	30-207
		Lab Fort Blank Range	3.41	units	
		Lab Fort Bl. Av. Rec	97.14	%	
		LFB Duplicate RPD	3.51	%	0-30
	Selenium	Lab Fort Blank Amt.	199.00	mg/kg dry wt	
		Lab Fort Blk. Found	199.03	mg/kg dry wt	
		Lab Fort Blk. % Rec.	100.01	%	77-123
		Dup Lab Fort Bl Amt.	199.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	197.82	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	99.40	%	77-123
		Lab Fort Blank Range	0.60	units	
		Lab Fort Bl. Av. Rec	99.71	%	
		LFB Duplicate RPD	0.60	%	0-30
	Thallium	Lab Fort Blank Amt.	297.00	mg/kg dry wt	
		Lab Fort Blk. Found	301.08	mg/kg dry wt	
		Lab Fort Blk. % Rec.	101.37	%	82-120
		Dup Lab Fort Bl Amt.	297.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	294.04	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	99.00	%	82-120
		Lab Fort Blank Range	2.37	units	
		Lab Fort Bl. Av. Rec	100.18	%	
		LFB Duplicate RPD	2.36	%	0-30
	Vanadium	Lab Fort Blank Amt.	158.00	mg/kg dry wt	
		Lab Fort Blk. Found	166.52	mg/kg dry wt	
		Lab Fort Blk. % Rec.	105.39	%	80-120

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QC SUMMARY REPORT

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Sample Matrix Spikes and Matrix Spike Duplicates

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

Report Date: 2/23/2009 Lims Bat # : LIMT-23302

QC Batch Number: ICP-21188

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-91843					
	Vanadium	Dup Lab Fort Bl Amt.	158.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	167.23	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	105.84	%	80-120
		Lab Fort Blank Range	0.44	units	
		Lab Fort Bl. Av. Rec	105.61	%	
		LFB Duplicate RPD	0.42	%	0-30
	Zinc	Lab Fort Blank Amt.	314.00	mg/kg dry wt	
		Lab Fort Blk. Found	312.17	mg/kg dry wt	
		Lab Fort Blk. % Rec.	99.41	%	81-119
		Dup Lab Fort Bl Amt.	314.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	304.51	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	96.97	%	81-119
		Lab Fort Blank Range	2.43	units	
		Lab Fort Bl. Av. Rec	98.19	%	
		LFB Duplicate RPD	2.48	%	0-30

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QC SUMMARY REPORT

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Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
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-23302
Project Location: NEW BEDFORD, MA	MADEP RTN[1]:

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

09B04345-09B04357

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: Edward Denson	**Position: Technical Director**
Printed Name: Edward Denson	**Date:** 2/23/09

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CHAIN OF CUSTODY RECORD

Limt-23302

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

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 (MCP)	# of containers	**Preservation	~Cont.Code
											8		
											1	1	
											G	G	
	SB-354 (3-4)	044345	2/16/09 1115			X	S	U	X	X			
SB-	D1-4	044346	2/16/09 1215			X	S	U	X	X			
	SB-354 (8)	044347	2/16/09 1125			X	S	U	X	X			
	SB-354 (10) HOLD	~~044348~~	2/16/09 1135			X	S	U	X	X			
	SB-355 (0-1)	044348	2/16/09 1150			X	S	U	X	X			
	SB-355 (1-2.5)	044349	2/16/09 1155			X	S	U	X	X			
	SB-355 (4)	044350	2/16/09 1200			X	S	U	X	X			
	SB-355 (5.5)	044351	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

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

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Phone: 413-525-2332
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CHAIN OF CUSTODY RECORD

Limt-23308

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 / M. 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 # 09B	Date Sampled Start Date/Time	Stop Date/Time	Comp-osite	Grab	*Matrix Code	Conc. Code	PAHs (8270C)	Metals + Hg (MCP)										# of containers	**Preservation	~Cont.Code
																				8	1	G
	SB-355 (7.5) HOLD		2/16/09 1210			X	S	U	X	X												
	SB-356 (0-1)	04352	2/16/09 1310			X	S	U	X	X												
	SB-356 (1-2)	04353	2/16/09 1320			X	S	U	X	X												
	SB-356 (3.5)	04354	2/16/09 1325			X	S	U	X	X												
	SB-356 (6.5)	04355	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)	04356	2/16/09 1400			X	S	U	X	X												
	SB-357 (1-2)	04357	2/16/09 1410			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-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:
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
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.

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www.contestlabs.com

CHAIN OF CUSTODY RECORD

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

Page 1 of 6

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

									8	—	# of containers
									I	I	**Preservation
									G	G	~Cont.Code
Field ID	Sample Description	Lab #	Date Sampled Start Date/Time	Stop Date/Time	Composite	Grab	*Matrix Code	Conc. Code	PAHs (8270C)	Metals + Hg (MCP)	Client Comments:
$	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	

ANALYSIS REQUESTED

~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

Signature	Date/Time
Relinquished by: (signature) [signature]	1545 2/16/09
Received by: (signature) [signature]	2-16-9 1545
Relinquished by: (signature) [signature]	2-16-9 1815
Received by: (signature) [signature] 3.0°C	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
T = Na thiosulfate

** 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.

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Email: info@contestlabs.com
www.contestlabs.com

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

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
											8	–	G
											1	1	G
	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)	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
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
O = Other
X = Na hydroxide
T = Na thiosulfate

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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

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	~Cont. Code:	Client Comments:
																				8				
																				1	1			
																				G	G			
	SB-357 (4)		2/16/09 1420			X	S		X	X														
	SB-357 (7)		2/16/09 1425			X	S		X	X														
	SB-357 (9) HOLD		2/16/09 1430			X	S		X	X														HOLD
	SB-358 (0-1)		2/16/09 1450			X	S		X	X														
	SB-358 (1-3)		2/16/09 1500			X	S		X	X														
	SB-358 (4)		2/16/09 1510			X	S		X	X														
	SB-358 (9.5-10)		2/16/09 1515			X	S		X	X														
	SB-358 (11.5-12) HOLD		2/16/09 1520			X	S		X	X														HOLD

ANALYSIS REQUESTED

~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: 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) 3.5°	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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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 # 115658
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
																					1	1	
																					L	L	
																					G	G	
	SB-DL-4		2/16/09 1350			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

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
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O = other

****Preservation Codes:**
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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 2/18/09

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 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