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-23300
JOB NUMBER: 115058

PROJECT LOCATION: NEW BEDFORD, MA

FIELD SAMPLE #	LAB ID	MATRIX	SAMPLE DESCRIPTION	TEST	Subcontract Lab (if any) Cert. Nos.
SB-351 (0-1)	09B04322	SOIL	Not Specified	6010 drywt mcp	
SB-351 (0-1)	09B04322	SOIL	Not Specified	hg (mg/kg) dw	
SB-351 (0-1)	09B04322	SOIL	Not Specified	pah - sludge	
SB-351 (0-1)	09B04322	SOIL	Not Specified	solids (percent)	
SB-351 (1-3)	09B04323	SOIL	Not Specified	6010 drywt mcp	
SB-351 (1-3)	09B04323	SOIL	Not Specified	hg (mg/kg) dw	
SB-351 (1-3)	09B04323	SOIL	Not Specified	pah - sludge	
SB-351 (1-3)	09B04323	SOIL	Not Specified	solids (percent)	
SB-351 (3.5)	09B04324	SOIL	Not Specified	6010 drywt mcp	
SB-351 (3.5)	09B04324	SOIL	Not Specified	hg (mg/kg) dw	
SB-351 (3.5)	09B04324	SOIL	Not Specified	pah - sludge	
SB-351 (3.5)	09B04324	SOIL	Not Specified	solids (percent)	
SB-351 (7)	09B04325	SOIL	Not Specified	6010 drywt mcp	
SB-351 (7)	09B04325	SOIL	Not Specified	hg (mg/kg) dw	
SB-351 (7)	09B04325	SOIL	Not Specified	pah - sludge	
SB-351 (7)	09B04325	SOIL	Not Specified	solids (percent)	
SB-352 (0-1)	09B04326	SOIL	Not Specified	6010 drywt mcp	
SB-352 (0-1)	09B04326	SOIL	Not Specified	hg (mg/kg) dw	
SB-352 (0-1)	09B04326	SOIL	Not Specified	pah - sludge	
SB-352 (0-1)	09B04326	SOIL	Not Specified	solids (percent)	
SB-352 (1-2.5)	09B04327	SOIL	Not Specified	6010 drywt mcp	
SB-352 (1-2.5)	09B04327	SOIL	Not Specified	hg (mg/kg) dw	
SB-352 (1-2.5)	09B04327	SOIL	Not Specified	pah - sludge	
SB-352 (1-2.5)	09B04327	SOIL	Not Specified	solids (percent)	
SB-352 (3.5)	09B04328	SOIL	Not Specified	6010 drywt mcp	
SB-352 (3.5)	09B04328	SOIL	Not Specified	hg (mg/kg) dw	
SB-352 (3.5)	09B04328	SOIL	Not Specified	pah - sludge	
SB-352 (3.5)	09B04328	SOIL	Not Specified	solids (percent)	
SB-352 (6.5)	09B04329	SOIL	Not Specified	6010 drywt mcp	
SB-352 (6.5)	09B04329	SOIL	Not Specified	hg (mg/kg) dw	
SB-352 (6.5)	09B04329	SOIL	Not Specified	pah - sludge	
SB-352 (6.5)	09B04329	SOIL	Not Specified	solids (percent)	
SB-353 (0-1)	09B04330	SOIL	Not Specified	6010 drywt mcp	
SB-353 (0-1)	09B04330	SOIL	Not Specified	hg (mg/kg) dw	
SB-353 (0-1)	09B04330	SOIL	Not Specified	pah - sludge	
SB-353 (0-1)	09B04330	SOIL	Not Specified	solids (percent)	
SB-353 (1-2.5)	09B04331	SOIL	Not Specified	6010 drywt mcp	
SB-353 (1-2.5)	09B04331	SOIL	Not Specified	hg (mg/kg) dw	
SB-353 (1-2.5)	09B04331	SOIL	Not Specified	pah - sludge	

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LOWELL, MA 01852
ATTN: DAVID SULLIVAN

CONTRACT NUMBER:
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ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23300
JOB NUMBER: 115058

SB-353 (1-2.5)	09B04331	SOIL	Not Specified	solids (percent)
SB-353 (4)QC	09B04332	SOIL	Not Specified	6010 drywt mcp
SB-353 (4)QC	09B04332	SOIL	Not Specified	hg (mg/kg) dw
SB-353 (4)QC	09B04332	SOIL	Not Specified	pah - sludge
SB-353 (4)QC	09B04332	SOIL	Not Specified	solids (percent)
SB-353 (5.5)	09B04333	SOIL	Not Specified	6010 drywt mcp
SB-353 (5.5)	09B04333	SOIL	Not Specified	hg (mg/kg) dw
SB-353 (5.5)	09B04333	SOIL	Not Specified	pah - sludge
SB-353 (5.5)	09B04333	SOIL	Not Specified	solids (percent)
SB-354 (0-1)	09B04334	SOIL	Not Specified	6010 drywt mcp
SB-354 (0-1)	09B04334	SOIL	Not Specified	hg (mg/kg) dw
SB-354 (0-1)	09B04334	SOIL	Not Specified	pah - sludge
SB-354 (0-1)	09B04334	SOIL	Not Specified	solids (percent)
SB-354 (1-2.5)	09B04335	SOIL	Not Specified	6010 drywt mcp
SB-354 (1-2.5)	09B04335	SOIL	Not Specified	hg (mg/kg) dw
SB-354 (1-2.5)	09B04335	SOIL	Not Specified	pah - sludge
SB-354 (1-2.5)	09B04335	SOIL	Not Specified	solids (percent)

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REPORT DATE 2/23/2009

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LOWELL, MA 01852
ATTN: DAVID SULLIVAN

CONTRACT NUMBER:
PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23300
JOB NUMBER: 115058

Comments :

LIMS BATCH NO. : LIMT-23300

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 low level calibration check is outside control limits for As and Zn. Reported results for these elements at or near the detection limit may be bias on the high side. Method blank contamination noted above the reporting limit for Ag and Zn. Reported results for these elements may be bias on the high side. The matrix spike recovery is outside control limits for Sb. Analysis is in control based on laboratory fortified blank recovery. MS recovery is >30%; no corrective action is necessary. Possibility of sample matrix effects that may lead to a low bias for reported result cannot be eliminated.

In method 8270, for sample 09B04332, matrix spike duplicate RPD for Naphthalene is outside of control limits. Reduced precision is anticipated for any reported results for this compound in this sample.

In method 8270, for sample 09B04332, matrix spike and matrix spike duplicate recoveries for Benzo(b)fluoranthene, Benzo(g,h,i)perylene, Fluoranthene, Indeno(1,2,3-cd)pyrene, Pyrene, and Phenanthrene are biased on the low side. Analysis is in control based on laboratory control sample. Possibility of sample matrix effects that lead to low bias for reported results cannot be eliminated.

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 soil sample 09B04332.
Sample 09B04324 was diluted 1:10 to obtain a result within the linear calibration range.

METHOD SW846-6010 - ADDITIONAL DETAILS

A sample duplicate and ms were performed on sample 09B04332. The sample duplicate is not reported for Ag, Cd, Sb and Se due to non detect sample and duplicate results.
For Beryllium on samples 09B04322, 04323, 04324 and 04326, false hits were determined by spectral review. Results were entered as non detect.

METHOD SW846 8270 - ADDITIONAL DETAILS

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

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CONTRACT NUMBER:
PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23300
JOB NUMBER: 115058

In method 8270 for Dibenz(a,h)anthracene in samples 09B04322-09B04334, data is not affected by continuing calibration non-conformance since bias is on the high side and all results are "not detected".

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.

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, dimethylphthalate, 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, for sample 09B04332, either matrix spike or matrix spike duplicate recovery for Naphthalene is outside of control limits, but the other is within limits. Outlier should be viewed as a one-time anomaly.

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

8270 QC SURROGATE RECOVERIES

BLANK-129805

Nitrobenzen-d5:	69.0%
2-Fluorophenyl:	70.0.%
Terphenyl-d14:	102%

LFBLANK-91919	LFB	LFB DUPLICATE
Nitrobenzen-d5:	61.2%	62.0
2-Fluorophenyl:	64.2%	64.9
Terphenyl-d14:	105%	106%

Matrix Spike Sample 09B04332	MS	MS DUPLICATE
Nitrobenzen-d5:	55.2%	23.0%
2-Fluorophenyl:	65.5%	50.1%
Terphenyl-d14:	78.6%	100%

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ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23300
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 Erickson 2/23/09

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-351 (0-1)

LIMS-BAT #: LIMT-23300
Job Number: 115058

Sample ID : 09B04322

‡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	5.75			
Arsenic	mg/kg dry wt	5.30	02/19/09	OP	3.60			
Barium	mg/kg dry wt	30.9	02/19/09	OP	7.19			
Beryllium	mg/kg dry wt	ND	02/19/09	OP	0.36			
Cadmium	mg/kg dry wt	0.46	02/19/09	OP	0.36			
Chromium	mg/kg dry wt	26.3	02/19/09	OP	0.72			
Lead	mg/kg dry wt	51.2	02/19/09	OP	1.08			
Nickel	mg/kg dry wt	3.90	02/19/09	OP	0.72			
Selenium	mg/kg dry wt	ND	02/19/09	OP	7.19			
Silver	mg/kg dry wt	ND	02/19/09	OP	0.72			
Thallium	mg/kg dry wt	4.37	02/19/09	OP	4.32			
Vanadium	mg/kg dry wt	15.1	02/19/09	OP	7.19			
Zinc	mg/kg dry wt	37.3	02/19/09	OP	1.44			

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

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

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

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

2/23/2009

Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009
Field Sample # : SB-351 (1-3)

LIMS-BAT #: LIMT-23300
Job Number: 115058

Sample ID : 09B04323

‡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	4.48	02/19/09	OP	3.02			
Barium	mg/kg dry wt	35.8	02/19/09	OP	6.03			
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	11.4	02/19/09	OP	0.61			
Lead	mg/kg dry wt	95.4	02/19/09	OP	0.91			
Nickel	mg/kg dry wt	4.46	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	6.43	02/19/09	OP	3.62			
Vanadium	mg/kg dry wt	12.8	02/19/09	OP	6.03			
Zinc	mg/kg dry wt	27.4	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-351 (3.5)

LIMS-BAT #: LIMT-23300
Job Number: 115058

Sample ID : 09B04324

‡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	5.65			
Arsenic	mg/kg dry wt	14.2	02/19/09	OP	3.54			
Barium	mg/kg dry wt	488	02/19/09	OP	7.07			
Beryllium	mg/kg dry wt	ND	02/19/09	OP	0.36			
Cadmium	mg/kg dry wt	2.04	02/19/09	OP	0.36			
Chromium	mg/kg dry wt	18.7	02/19/09	OP	0.71			
Lead	mg/kg dry wt	769	02/19/09	OP	1.06			
Nickel	mg/kg dry wt	11.9	02/19/09	OP	0.71			
Selenium	mg/kg dry wt	ND	02/19/09	OP	7.07			
Silver	mg/kg dry wt	ND	02/19/09	OP	0.71			
Thallium	mg/kg dry wt	ND	02/19/09	OP	4.24			
Vanadium	mg/kg dry wt	26.5	02/19/09	OP	7.07			
Zinc	mg/kg dry wt	833	02/19/09	OP	1.42			

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

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LOWELL, MA 01852

2/23/2009

Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009
Field Sample # : SB-351 (7)

LIMS-BAT #: LIMT-23300
Job Number: 115058

Sample ID : 09B04325

‡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	4.81			
Arsenic	mg/kg dry wt	3.64	02/19/09	OP	3.01			
Barium	mg/kg dry wt	7.49	02/19/09	OP	6.01			
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	5.45	02/19/09	OP	0.61			
Lead	mg/kg dry wt	2.29	02/19/09	OP	0.91			
Nickel	mg/kg dry wt	6.00	02/19/09	OP	0.61			
Selenium	mg/kg dry wt	ND	02/19/09	OP	6.01			
Silver	mg/kg dry wt	ND	02/19/09	OP	0.61			
Thallium	mg/kg dry wt	ND	02/19/09	OP	3.61			
Vanadium	mg/kg dry wt	ND	02/19/09	OP	6.01			
Zinc	mg/kg dry wt	15.6	02/19/09	OP	1.21			

Analytical Method:
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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-352 (0-1)

LIMS-BAT #: LIMT-23300
Job Number: 115058

Sample ID : 09B04326

‡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	5.53			
Arsenic	mg/kg dry wt	4.09	02/19/09	OP	3.46			
Barium	mg/kg dry wt	26.3	02/19/09	OP	6.91			
Beryllium	mg/kg dry wt	ND	02/19/09	OP	0.35			
Cadmium	mg/kg dry wt	0.41	02/19/09	OP	0.35			
Chromium	mg/kg dry wt	30.9	02/19/09	OP	0.70			
Lead	mg/kg dry wt	41.4	02/19/09	OP	1.04			
Nickel	mg/kg dry wt	4.49	02/19/09	OP	0.70			
Selenium	mg/kg dry wt	ND	02/19/09	OP	6.91			
Silver	mg/kg dry wt	2.64	02/19/09	OP	0.70			
Thallium	mg/kg dry wt	ND	02/19/09	OP	4.15			
Vanadium	mg/kg dry wt	15.4	02/19/09	OP	6.91			
Zinc	mg/kg dry wt	32.8	02/19/09	OP	1.39			

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

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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-352 (1-2.5)

LIMS-BAT #: LIMT-23300
Job Number: 115058

Sample ID : 09B04327

‡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	4.57			
Arsenic	mg/kg dry wt	4.37	02/19/09	OP	2.86			
Barium	mg/kg dry wt	34.1	02/19/09	OP	5.71			
Beryllium	mg/kg dry wt	0.48	02/19/09	OP	0.29			
Cadmium	mg/kg dry wt	ND	02/19/09	OP	0.29			
Chromium	mg/kg dry wt	15.5	02/19/09	OP	0.58			
Lead	mg/kg dry wt	19.6	02/19/09	OP	0.86			
Nickel	mg/kg dry wt	5.75	02/19/09	OP	0.58			
Selenium	mg/kg dry wt	ND	02/19/09	OP	5.71			
Silver	mg/kg dry wt	ND	02/19/09	OP	0.58			
Thallium	mg/kg dry wt	5.06	02/19/09	OP	3.43			
Vanadium	mg/kg dry wt	20.0	02/19/09	OP	5.71			
Zinc	mg/kg dry wt	28.3	02/19/09	OP	1.15			

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

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

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

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

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

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-352 (3.5)

LIMS-BAT #: LIMT-23300
Job Number: 115058

Sample ID : 09B04328

‡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	12.0	02/19/09	OP	3.02			
Barium	mg/kg dry wt	199	02/19/09	OP	6.03			
Beryllium	mg/kg dry wt	0.89	02/19/09	OP	0.31			
Cadmium	mg/kg dry wt	0.36	02/19/09	OP	0.31			
Chromium	mg/kg dry wt	11.5	02/19/09	OP	0.61			
Lead	mg/kg dry wt	244	02/19/09	OP	0.91			
Nickel	mg/kg dry wt	9.11	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	37.0	02/19/09	OP	6.03			
Zinc	mg/kg dry wt	51.1	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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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-352 (6.5)

LIMS-BAT #: LIMT-23300
Job Number: 115058

Sample ID : 09B04329

‡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	4.61			
Arsenic	mg/kg dry wt	ND	02/19/09	OP	2.88			
Barium	mg/kg dry wt	7.65	02/19/09	OP	5.76			
Beryllium	mg/kg dry wt	ND	02/19/09	OP	0.29			
Cadmium	mg/kg dry wt	ND	02/19/09	OP	0.29			
Chromium	mg/kg dry wt	3.75	02/19/09	OP	0.58			
Lead	mg/kg dry wt	1.50	02/19/09	OP	0.87			
Nickel	mg/kg dry wt	1.55	02/19/09	OP	0.58			
Selenium	mg/kg dry wt	ND	02/19/09	OP	5.76			
Silver	mg/kg dry wt	ND	02/19/09	OP	0.58			
Thallium	mg/kg dry wt	ND	02/19/09	OP	3.46			
Vanadium	mg/kg dry wt	ND	02/19/09	OP	5.76			
Zinc	mg/kg dry wt	6.67	02/19/09	OP	1.16			

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

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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-353 (0-1)

LIMS-BAT #: LIMT-23300
Job Number: 115058

Sample ID : 09B04330

‡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	5.54			
Arsenic	mg/kg dry wt	6.29	02/19/09	OP	3.46			
Barium	mg/kg dry wt	43.0	02/19/09	OP	6.92			
Beryllium	mg/kg dry wt	0.44	02/19/09	OP	0.35			
Cadmium	mg/kg dry wt	ND	02/19/09	OP	0.35			
Chromium	mg/kg dry wt	12.6	02/19/09	OP	0.70			
Lead	mg/kg dry wt	124	02/19/09	OP	1.04			
Nickel	mg/kg dry wt	4.75	02/19/09	OP	0.70			
Selenium	mg/kg dry wt	ND	02/19/09	OP	6.92			
Silver	mg/kg dry wt	ND	02/19/09	OP	0.70			
Thallium	mg/kg dry wt	4.89	02/19/09	OP	4.15			
Vanadium	mg/kg dry wt	18.0	02/19/09	OP	6.92			
Zinc	mg/kg dry wt	93.6	02/19/09	OP	1.39			

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

2/23/2009

Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009
Field Sample # : SB-353 (1-2.5)

LIMS-BAT #: LIMT-23300
Job Number: 115058

Sample ID : 09B04331

‡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	4.46			
Arsenic	mg/kg dry wt	3.55	02/19/09	OP	2.79			
Barium	mg/kg dry wt	48.3	02/19/09	OP	5.58			
Beryllium	mg/kg dry wt	0.48	02/19/09	OP	0.28			
Cadmium	mg/kg dry wt	ND	02/19/09	OP	0.28			
Chromium	mg/kg dry wt	7.14	02/19/09	OP	0.56			
Lead	mg/kg dry wt	25.2	02/19/09	OP	0.84			
Nickel	mg/kg dry wt	4.00	02/19/09	OP	0.56			
Selenium	mg/kg dry wt	ND	02/19/09	OP	5.58			
Silver	mg/kg dry wt	ND	02/19/09	OP	0.56			
Thallium	mg/kg dry wt	6.11	02/19/09	OP	3.35			
Vanadium	mg/kg dry wt	11.9	02/19/09	OP	5.58			
Zinc	mg/kg dry wt	66.6	02/19/09	OP	1.12			

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

2/23/2009

Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009
Field Sample # : SB-353 (4)QC

LIMS-BAT #: LIMT-23300
Job Number: 115058

Sample ID : 09B04332

‡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	4.47			
Arsenic	mg/kg dry wt	5.74	02/19/09	OP	2.80			
Barium	mg/kg dry wt	69.8	02/19/09	OP	5.59			
Beryllium	mg/kg dry wt	0.44	02/19/09	OP	0.28			
Cadmium	mg/kg dry wt	ND	02/19/09	OP	0.28			
Chromium	mg/kg dry wt	10.1	02/19/09	OP	0.56			
Lead	mg/kg dry wt	109	02/19/09	OP	0.84			
Nickel	mg/kg dry wt	5.35	02/19/09	OP	0.56			
Selenium	mg/kg dry wt	ND	02/19/09	OP	5.59			
Silver	mg/kg dry wt	ND	02/19/09	OP	0.56			
Thallium	mg/kg dry wt	6.34	02/19/09	OP	3.36			
Vanadium	mg/kg dry wt	14.0	02/19/09	OP	5.59			
Zinc	mg/kg dry wt	65.2	02/19/09	OP	1.12			

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

2/23/2009

Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009
Field Sample # : SB-353 (5.5)

LIMS-BAT #: LIMT-23300
Job Number: 115058

Sample ID : 09B04333

‡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	15.1			
Arsenic	mg/kg dry wt	ND	02/19/09	OP	9.40			
Barium	mg/kg dry wt	ND	02/19/09	OP	18.8			
Beryllium	mg/kg dry wt	ND	02/19/09	OP	0.94			
Cadmium	mg/kg dry wt	ND	02/19/09	OP	0.94			
Chromium	mg/kg dry wt	ND	02/19/09	OP	1.88			
Lead	mg/kg dry wt	ND	02/19/09	OP	2.82			
Nickel	mg/kg dry wt	ND	02/19/09	OP	1.88			
Selenium	mg/kg dry wt	ND	02/19/09	OP	18.8			
Silver	mg/kg dry wt	ND	02/19/09	OP	1.88			
Thallium	mg/kg dry wt	ND	02/19/09	OP	11.3			
Vanadium	mg/kg dry wt	ND	02/19/09	OP	18.8			
Zinc	mg/kg dry wt	ND	02/19/09	OP	3.76			

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

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-354 (0-1)

LIMS-BAT #: LIMT-23300
Job Number: 115058

Sample ID : 09B04334

‡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	5.57			
Arsenic	mg/kg dry wt	7.58	02/19/09	OP	3.48			
Barium	mg/kg dry wt	23.6	02/19/09	OP	6.96			
Beryllium	mg/kg dry wt	0.38	02/19/09	OP	0.35			
Cadmium	mg/kg dry wt	ND	02/19/09	OP	0.35			
Chromium	mg/kg dry wt	10.3	02/19/09	OP	0.70			
Lead	mg/kg dry wt	37.5	02/19/09	OP	1.05			
Nickel	mg/kg dry wt	3.63	02/19/09	OP	0.70			
Selenium	mg/kg dry wt	ND	02/19/09	OP	6.96			
Silver	mg/kg dry wt	ND	02/19/09	OP	0.70			
Thallium	mg/kg dry wt	ND	02/19/09	OP	4.18			
Vanadium	mg/kg dry wt	16.0	02/19/09	OP	6.96			
Zinc	mg/kg dry wt	30.3	02/19/09	OP	1.40			

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

2/23/2009

Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009
Field Sample # : SB-354 (1-2.5)

LIMS-BAT #: LIMT-23300
Job Number: 115058

Sample ID : 09B04335

‡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	4.57			
Arsenic	mg/kg dry wt	4.30	02/19/09	OP	2.86			
Barium	mg/kg dry wt	18.8	02/19/09	OP	5.71			
Beryllium	mg/kg dry wt	0.37	02/19/09	OP	0.29			
Cadmium	mg/kg dry wt	ND	02/19/09	OP	0.29			
Chromium	mg/kg dry wt	7.13	02/19/09	OP	0.58			
Lead	mg/kg dry wt	18.9	02/19/09	OP	0.86			
Nickel	mg/kg dry wt	3.07	02/19/09	OP	0.58			
Selenium	mg/kg dry wt	ND	02/19/09	OP	5.71			
Silver	mg/kg dry wt	ND	02/19/09	OP	0.58			
Thallium	mg/kg dry wt	4.47	02/19/09	OP	3.43			
Vanadium	mg/kg dry wt	11.7	02/19/09	OP	5.71			
Zinc	mg/kg dry wt	17.0	02/19/09	OP	1.15			

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-23300
Job Number: 115058

Field Sample # : SB-351 (0-1)

Sample ID : 09B04322 ‡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	0.170	02/20/09	KM	0.015			

Field Sample # : SB-351 (1-3)

Sample ID : 09B04323 ‡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	02/20/09	KM	0.012			

Field Sample # : SB-351 (3.5)

Sample ID : 09B04324 ‡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	2.54	02/20/09	KM	0.171			

Field Sample # : SB-351 (7)

Sample ID : 09B04325 ‡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	02/20/09	KM	0.013			

Field Sample # : SB-352 (0-1)

Sample ID : 09B04326 ‡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	0.130	02/20/09	KM	0.014			

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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-23300
Job Number: 115058

Field Sample # : SB-352 (1-2.5)

Sample ID : 09B04327 ‡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	0.062	02/20/09	KM	0.011			

Field Sample # : SB-352 (3.5)

Sample ID : 09B04328 ‡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	0.215	02/20/09	KM	0.013			

Field Sample # : SB-352 (6.5)

Sample ID : 09B04329 ‡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	02/20/09	KM	0.017			

Field Sample # : SB-353 (0-1)

Sample ID : 09B04330 ‡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	0.165	02/20/09	KM	0.015			

Field Sample # : SB-353 (1-2.5)

Sample ID : 09B04331 ‡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	0.033	02/20/09	KM	0.012			

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NM = Not Measured

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

con-test® ANALYTICAL LABORATORY

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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-23300
Job Number: 115058

Field Sample # : SB-353 (4)QC

Sample ID : 09B04332 ‡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	0.263	02/20/09	KM	0.017			

Field Sample # : SB-353 (5.5)

Sample ID : 09B04333 ‡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	0.100	02/20/09	KM	0.039			

Field Sample # : SB-354 (0-1)

Sample ID : 09B04334 ‡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	0.166	02/20/09	KM	0.019			

Field Sample # : SB-354 (1-2.5)

Sample ID : 09B04335 ‡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	0.213	02/20/09	KM	0.015			

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

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

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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-351 (0-1)

LIMS-BAT #: LIMT-23300
Job Number: 115058

Sample ID : 09B04322

‡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	0.240			
Acenaphthylene	mg/kg dry wt	ND	02/19/09	BGL	0.240			
Anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.240			
Benzo(a)anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.240			
Benzo(a)pyrene	mg/kg dry wt	ND	02/19/09	BGL	0.240			
Benzo(b)fluoranthene	mg/kg dry wt	ND	02/19/09	BGL	0.240			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	02/19/09	BGL	0.240			
Benzo(k)fluoranthene	mg/kg dry wt	ND	02/19/09	BGL	0.240			
Chrysene	mg/kg dry wt	ND	02/19/09	BGL	0.240			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.240			
Fluoranthene	mg/kg dry wt	ND	02/19/09	BGL	0.240			
Fluorene	mg/kg dry wt	ND	02/19/09	BGL	0.240			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	02/19/09	BGL	0.240			
2-Methylnaphthalene	mg/kg dry wt	ND	02/19/09	BGL	0.240			
Naphthalene	mg/kg dry wt	ND	02/19/09	BGL	0.240			
Phenanthrene	mg/kg dry wt	ND	02/19/09	BGL	0.240			
Pyrene	mg/kg dry wt	ND	02/19/09	BGL	0.240			
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

2/23/2009

Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/16/2009
Field Sample # : SB-351 (1-3)

LIMS-BAT #: LIMT-23300
Job Number: 115058

Sample ID : 09B04323

‡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	0.201			
Acenaphthylene	mg/kg dry wt	ND	02/19/09	BGL	0.201			
Anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.201			
Benzo(a)anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.201			
Benzo(a)pyrene	mg/kg dry wt	ND	02/19/09	BGL	0.201			
Benzo(b)fluoranthene	mg/kg dry wt	ND	02/19/09	BGL	0.201			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	02/19/09	BGL	0.201			
Benzo(k)fluoranthene	mg/kg dry wt	ND	02/19/09	BGL	0.201			
Chrysene	mg/kg dry wt	ND	02/19/09	BGL	0.201			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.201			
Fluoranthene	mg/kg dry wt	ND	02/19/09	BGL	0.201			
Fluorene	mg/kg dry wt	ND	02/19/09	BGL	0.201			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	02/19/09	BGL	0.201			
2-Methylnaphthalene	mg/kg dry wt	ND	02/19/09	BGL	0.201			
Naphthalene	mg/kg dry wt	ND	02/19/09	BGL	0.201			
Phenanthrene	mg/kg dry wt	ND	02/19/09	BGL	0.201			
Pyrene	mg/kg dry wt	ND	02/19/09	BGL	0.201			
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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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-351 (3.5)

LIMS-BAT #: LIMT-23300
Job Number: 115058

Sample ID : 09B04324

‡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	0.236			
Acenaphthylene	mg/kg dry wt	ND	02/19/09	BGL	0.236			
Anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.236			
Benzo(a)anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.236			
Benzo(a)pyrene	mg/kg dry wt	ND	02/19/09	BGL	0.236			
Benzo(b)fluoranthene	mg/kg dry wt	ND	02/19/09	BGL	0.236			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	02/19/09	BGL	0.236			
Benzo(k)fluoranthene	mg/kg dry wt	ND	02/19/09	BGL	0.236			
Chrysene	mg/kg dry wt	ND	02/19/09	BGL	0.236			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.236			
Fluoranthene	mg/kg dry wt	ND	02/19/09	BGL	0.236			
Fluorene	mg/kg dry wt	ND	02/19/09	BGL	0.236			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	02/19/09	BGL	0.236			
2-Methylnaphthalene	mg/kg dry wt	ND	02/19/09	BGL	0.236			
Naphthalene	mg/kg dry wt	ND	02/19/09	BGL	0.236			
Phenanthrene	mg/kg dry wt	ND	02/19/09	BGL	0.236			
Pyrene	mg/kg dry wt	ND	02/19/09	BGL	0.236			
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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DAVID SULLIVAN
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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-351 (7)

LIMS-BAT #: LIMT-23300
Job Number: 115058

Sample ID : 09B04325

‡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	0.201			
Acenaphthylene	mg/kg dry wt	ND	02/19/09	BGL	0.201			
Anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.201			
Benzo(a)anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.201			
Benzo(a)pyrene	mg/kg dry wt	ND	02/19/09	BGL	0.201			
Benzo(b)fluoranthene	mg/kg dry wt	ND	02/19/09	BGL	0.201			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	02/19/09	BGL	0.201			
Benzo(k)fluoranthene	mg/kg dry wt	ND	02/19/09	BGL	0.201			
Chrysene	mg/kg dry wt	ND	02/19/09	BGL	0.201			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.201			
Fluoranthene	mg/kg dry wt	ND	02/19/09	BGL	0.201			
Fluorene	mg/kg dry wt	ND	02/19/09	BGL	0.201			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	02/19/09	BGL	0.201			
2-Methylnaphthalene	mg/kg dry wt	ND	02/19/09	BGL	0.201			
Naphthalene	mg/kg dry wt	ND	02/19/09	BGL	0.201			
Phenanthrene	mg/kg dry wt	ND	02/19/09	BGL	0.201			
Pyrene	mg/kg dry wt	ND	02/19/09	BGL	0.201			
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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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-352 (0-1)

LIMS-BAT #: LIMT-23300
Job Number: 115058

Sample ID : 09B04326

‡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	0.231			
Acenaphthylene	mg/kg dry wt	ND	02/19/09	BGL	0.231			
Anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.231			
Benzo(a)anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.231			
Benzo(a)pyrene	mg/kg dry wt	ND	02/19/09	BGL	0.231			
Benzo(b)fluoranthene	mg/kg dry wt	ND	02/19/09	BGL	0.231			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	02/19/09	BGL	0.231			
Benzo(k)fluoranthene	mg/kg dry wt	ND	02/19/09	BGL	0.231			
Chrysene	mg/kg dry wt	ND	02/19/09	BGL	0.231			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.231			
Fluoranthene	mg/kg dry wt	ND	02/19/09	BGL	0.231			
Fluorene	mg/kg dry wt	ND	02/19/09	BGL	0.231			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	02/19/09	BGL	0.231			
2-Methylnaphthalene	mg/kg dry wt	ND	02/19/09	BGL	0.231			
Naphthalene	mg/kg dry wt	ND	02/19/09	BGL	0.231			
Phenanthrene	mg/kg dry wt	ND	02/19/09	BGL	0.231			
Pyrene	mg/kg dry wt	ND	02/19/09	BGL	0.231			
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

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-352 (1-2.5)

LIMS-BAT #: LIMT-23300
Job Number: 115058

Sample ID : 09B04327

‡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	0.191			
Acenaphthylene	mg/kg dry wt	ND	02/19/09	BGL	0.191			
Anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.191			
Benzo(a)anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.191			
Benzo(a)pyrene	mg/kg dry wt	ND	02/19/09	BGL	0.191			
Benzo(b)fluoranthene	mg/kg dry wt	ND	02/19/09	BGL	0.191			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	02/19/09	BGL	0.191			
Benzo(k)fluoranthene	mg/kg dry wt	ND	02/19/09	BGL	0.191			
Chrysene	mg/kg dry wt	ND	02/19/09	BGL	0.191			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.191			
Fluoranthene	mg/kg dry wt	ND	02/19/09	BGL	0.191			
Fluorene	mg/kg dry wt	ND	02/19/09	BGL	0.191			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	02/19/09	BGL	0.191			
2-Methylnaphthalene	mg/kg dry wt	ND	02/19/09	BGL	0.191			
Naphthalene	mg/kg dry wt	ND	02/19/09	BGL	0.191			
Phenanthrene	mg/kg dry wt	ND	02/19/09	BGL	0.191			
Pyrene	mg/kg dry wt	ND	02/19/09	BGL	0.191			
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-352 (3.5)

LIMS-BAT #: LIMT-23300
Job Number: 115058

Sample ID : 09B04328

‡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	0.201			
Acenaphthylene	mg/kg dry wt	ND	02/19/09	BGL	0.201			
Anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.201			
Benzo(a)anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.201			
Benzo(a)pyrene	mg/kg dry wt	ND	02/19/09	BGL	0.201			
Benzo(b)fluoranthene	mg/kg dry wt	ND	02/19/09	BGL	0.201			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	02/19/09	BGL	0.201			
Benzo(k)fluoranthene	mg/kg dry wt	ND	02/19/09	BGL	0.201			
Chrysene	mg/kg dry wt	0.202	02/19/09	BGL	0.201			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.201			
Fluoranthene	mg/kg dry wt	0.221	02/19/09	BGL	0.201			
Fluorene	mg/kg dry wt	ND	02/19/09	BGL	0.201			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	02/19/09	BGL	0.201			
2-Methylnaphthalene	mg/kg dry wt	ND	02/19/09	BGL	0.201			
Naphthalene	mg/kg dry wt	ND	02/19/09	BGL	0.201			
Phenanthrene	mg/kg dry wt	ND	02/19/09	BGL	0.201			
Pyrene	mg/kg dry wt	0.296	02/19/09	BGL	0.201			
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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DAVID SULLIVAN
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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-352 (6.5)

LIMS-BAT #: LIMT-23300
Job Number: 115058

Sample ID : 09B04329

‡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	0.192			
Acenaphthylene	mg/kg dry wt	ND	02/19/09	BGL	0.192			
Anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.192			
Benzo(a)anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.192			
Benzo(a)pyrene	mg/kg dry wt	ND	02/19/09	BGL	0.192			
Benzo(b)fluoranthene	mg/kg dry wt	ND	02/19/09	BGL	0.192			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	02/19/09	BGL	0.192			
Benzo(k)fluoranthene	mg/kg dry wt	ND	02/19/09	BGL	0.192			
Chrysene	mg/kg dry wt	ND	02/19/09	BGL	0.192			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.192			
Fluoranthene	mg/kg dry wt	ND	02/19/09	BGL	0.192			
Fluorene	mg/kg dry wt	ND	02/19/09	BGL	0.192			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	02/19/09	BGL	0.192			
2-Methylnaphthalene	mg/kg dry wt	ND	02/19/09	BGL	0.192			
Naphthalene	mg/kg dry wt	ND	02/19/09	BGL	0.192			
Phenanthrene	mg/kg dry wt	ND	02/19/09	BGL	0.192			
Pyrene	mg/kg dry wt	ND	02/19/09	BGL	0.192			
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-353 (0-1)

LIMS-BAT #: LIMT-23300
Job Number: 115058

Sample ID : 09B04330

‡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	0.231			
Acenaphthylene	mg/kg dry wt	ND	02/19/09	BGL	0.231			
Anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.231			
Benzo(a)anthracene	mg/kg dry wt	0.430	02/19/09	BGL	0.231			
Benzo(a)pyrene	mg/kg dry wt	0.418	02/19/09	BGL	0.231			
Benzo(b)fluoranthene	mg/kg dry wt	0.613	02/19/09	BGL	0.231			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	02/19/09	BGL	0.231			
Benzo(k)fluoranthene	mg/kg dry wt	ND	02/19/09	BGL	0.231			
Chrysene	mg/kg dry wt	0.614	02/19/09	BGL	0.231			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.231			
Fluoranthene	mg/kg dry wt	0.815	02/19/09	BGL	0.231			
Fluorene	mg/kg dry wt	ND	02/19/09	BGL	0.231			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	0.236	02/19/09	BGL	0.231			
2-Methylnaphthalene	mg/kg dry wt	ND	02/19/09	BGL	0.231			
Naphthalene	mg/kg dry wt	ND	02/19/09	BGL	0.231			
Phenanthrene	mg/kg dry wt	0.509	02/19/09	BGL	0.231			
Pyrene	mg/kg dry wt	0.805	02/19/09	BGL	0.231			
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

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-353 (1-2.5)

LIMS-BAT #: LIMT-23300
Job Number: 115058

Sample ID : 09B04331

‡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	0.186			
Acenaphthylene	mg/kg dry wt	ND	02/19/09	BGL	0.186			
Anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.186			
Benzo(a)anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.186			
Benzo(a)pyrene	mg/kg dry wt	ND	02/19/09	BGL	0.186			
Benzo(b)fluoranthene	mg/kg dry wt	ND	02/19/09	BGL	0.186			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	02/19/09	BGL	0.186			
Benzo(k)fluoranthene	mg/kg dry wt	ND	02/19/09	BGL	0.186			
Chrysene	mg/kg dry wt	ND	02/19/09	BGL	0.186			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.186			
Fluoranthene	mg/kg dry wt	0.211	02/19/09	BGL	0.186			
Fluorene	mg/kg dry wt	ND	02/19/09	BGL	0.186			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	02/19/09	BGL	0.186			
2-Methylnaphthalene	mg/kg dry wt	ND	02/19/09	BGL	0.186			
Naphthalene	mg/kg dry wt	ND	02/19/09	BGL	0.186			
Phenanthrene	mg/kg dry wt	ND	02/19/09	BGL	0.186			
Pyrene	mg/kg dry wt	0.259	02/19/09	BGL	0.186			
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

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-353 (4)QC

LIMS-BAT #: LIMT-23300
Job Number: 115058

Sample ID : *09B04332

‡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	0.187			
Acenaphthylene	mg/kg dry wt	ND	02/19/09	BGL	0.187			
Anthracene	mg/kg dry wt	0.297	02/19/09	BGL	0.187			
Benzo(a)anthracene	mg/kg dry wt	0.816	02/19/09	BGL	0.187			
Benzo(a)pyrene	mg/kg dry wt	0.780	02/19/09	BGL	0.187			
Benzo(b)fluoranthene	mg/kg dry wt	0.943	02/19/09	BGL	0.187			
Benzo(g,h,i)perylene	mg/kg dry wt	0.283	02/19/09	BGL	0.187			
Benzo(k)fluoranthene	mg/kg dry wt	0.376	02/19/09	BGL	0.187			
Chrysene	mg/kg dry wt	0.916	02/19/09	BGL	0.187			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.187			
Fluoranthene	mg/kg dry wt	1.56	02/19/09	BGL	0.187			
Fluorene	mg/kg dry wt	ND	02/19/09	BGL	0.187			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	0.362	02/19/09	BGL	0.187			
2-Methylnaphthalene	mg/kg dry wt	ND	02/19/09	BGL	0.187			
Naphthalene	mg/kg dry wt	ND	02/19/09	BGL	0.187			
Phenanthrene	mg/kg dry wt	1.52	02/19/09	BGL	0.187			
Pyrene	mg/kg dry wt	1.50	02/19/09	BGL	0.187			
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-353 (5.5)

LIMS-BAT #: LIMT-23300
Job Number: 115058

Sample ID : 09B04333

‡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	0.627			
Acenaphthylene	mg/kg dry wt	ND	02/19/09	BGL	0.627			
Anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.627			
Benzo(a)anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.627			
Benzo(a)pyrene	mg/kg dry wt	ND	02/19/09	BGL	0.627			
Benzo(b)fluoranthene	mg/kg dry wt	ND	02/19/09	BGL	0.627			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	02/19/09	BGL	0.627			
Benzo(k)fluoranthene	mg/kg dry wt	ND	02/19/09	BGL	0.627			
Chrysene	mg/kg dry wt	ND	02/19/09	BGL	0.627			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.627			
Fluoranthene	mg/kg dry wt	ND	02/19/09	BGL	0.627			
Fluorene	mg/kg dry wt	ND	02/19/09	BGL	0.627			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	02/19/09	BGL	0.627			
2-Methylnaphthalene	mg/kg dry wt	ND	02/19/09	BGL	0.627			
Naphthalene	mg/kg dry wt	ND	02/19/09	BGL	0.627			
Phenanthrene	mg/kg dry wt	ND	02/19/09	BGL	0.627			
Pyrene	mg/kg dry wt	ND	02/19/09	BGL	0.627			
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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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 (0-1)

LIMS-BAT #: LIMT-23300
Job Number: 115058

Sample ID : 09B04334

‡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	0.232			
Acenaphthylene	mg/kg dry wt	ND	02/19/09	BGL	0.232			
Anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.232			
Benzo(a)anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.232			
Benzo(a)pyrene	mg/kg dry wt	ND	02/19/09	BGL	0.232			
Benzo(b)fluoranthene	mg/kg dry wt	ND	02/19/09	BGL	0.232			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	02/19/09	BGL	0.232			
Benzo(k)fluoranthene	mg/kg dry wt	ND	02/19/09	BGL	0.232			
Chrysene	mg/kg dry wt	ND	02/19/09	BGL	0.232			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/19/09	BGL	0.232			
Fluoranthene	mg/kg dry wt	ND	02/19/09	BGL	0.232			
Fluorene	mg/kg dry wt	ND	02/19/09	BGL	0.232			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	02/19/09	BGL	0.232			
2-Methylnaphthalene	mg/kg dry wt	ND	02/19/09	BGL	0.232			
Naphthalene	mg/kg dry wt	ND	02/19/09	BGL	0.232			
Phenanthrene	mg/kg dry wt	ND	02/19/09	BGL	0.232			
Pyrene	mg/kg dry wt	ND	02/19/09	BGL	0.232			
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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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 (1-2.5)

LIMS-BAT #: LIMT-23300
Job Number: 115058

Sample ID : 09B04335

‡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	0.191			
Acenaphthylene	mg/kg dry wt	ND	02/20/09	BGL	0.191			
Anthracene	mg/kg dry wt	ND	02/20/09	BGL	0.191			
Benzo(a)anthracene	mg/kg dry wt	ND	02/20/09	BGL	0.191			
Benzo(a)pyrene	mg/kg dry wt	ND	02/20/09	BGL	0.191			
Benzo(b)fluoranthene	mg/kg dry wt	ND	02/20/09	BGL	0.191			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	02/20/09	BGL	0.191			
Benzo(k)fluoranthene	mg/kg dry wt	ND	02/20/09	BGL	0.191			
Chrysene	mg/kg dry wt	ND	02/20/09	BGL	0.191			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	02/20/09	BGL	0.191			
Fluoranthene	mg/kg dry wt	ND	02/20/09	BGL	0.191			
Fluorene	mg/kg dry wt	ND	02/20/09	BGL	0.191			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	02/20/09	BGL	0.191			
2-Methylnaphthalene	mg/kg dry wt	ND	02/20/09	BGL	0.191			
Naphthalene	mg/kg dry wt	ND	02/20/09	BGL	0.191			
Phenanthrene	mg/kg dry wt	ND	02/20/09	BGL	0.191			
Pyrene	mg/kg dry wt	ND	02/20/09	BGL	0.191			
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

LIMS-BAT #: LIMT-23300
Job Number: 115058

Field Sample # : SB-351 (0-1)

Sample ID : 09B04322 ‡Sampled : 2/16/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Solids, total	%	69.6	02/19/09	FD				

Field Sample # : SB-351 (1-3)

Sample ID : 09B04323 ‡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-351 (3.5)

Sample ID : 09B04324 ‡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	%	70.8	02/19/09	FD				

Field Sample # : SB-351 (7)

Sample ID : 09B04325 ‡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	%	83.2	02/19/09	FD				

Field Sample # : SB-352 (0-1)

Sample ID : 09B04326 ‡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	%	72.4	02/19/09	FD				

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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-23300
Job Number: 115058

Field Sample # : SB-352 (1-2.5)

Sample ID : 09B04327 ‡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	%	87.6	02/19/09	FD				

Field Sample # : SB-352 (3.5)

Sample ID : 09B04328 ‡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-352 (6.5)

Sample ID : 09B04329 ‡Sampled : 2/16/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Solids, total	%	86.9	02/19/09	FD				

Field Sample # : SB-353 (0-1)

Sample ID : 09B04330 ‡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	%	72.3	02/19/09	FD				

Field Sample # : SB-353 (1-2.5)

Sample ID : 09B04331 ‡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	%	89.7	02/19/09	FD				

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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

Purchase Order No.:

2/23/2009

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

LIMS-BAT #: LIMT-23300
Job Number: 115058

Field Sample # : SB-353 (4)QC

Sample ID : 09B04332 ‡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	%	89.5	02/19/09	FD				

Field Sample # : SB-353 (5.5)

Sample ID : 09B04333 ‡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	%	26.6	02/19/09	FD				

Field Sample # : SB-354 (0-1)

Sample ID : 09B04334 ‡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	%	71.9	02/19/09	FD				

Field Sample # : SB-354 (1-2.5)

Sample ID : 09B04335 ‡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	%	87.7	02/19/09	FD				

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

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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-23300
Job Number: 115058

The following notes were attached to the reported analysis :

Sample ID: * 09B04332

Analysis: Benzo(b)fluoranthene

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. ANALYSIS IS IN CONTROL BASED ON LABORATORY FORTIFIED BLANK RECOVERY. POSSIBILITY OF SAMPLE MATRIX EFFECTS THAT LEAD TO LOW BIAS FOR REPORTED RESULT CANNOT BE ELIMINATED.

Sample ID: * 09B04332

Analysis: Benzo(g,h,i)perylene

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. ANALYSIS IS IN CONTROL BASED ON LABORATORY FORTIFIED BLANK RECOVERY. POSSIBILITY OF SAMPLE MATRIX EFFECTS THAT LEAD TO LOW BIAS FOR REPORTED RESULT CANNOT BE ELIMINATED.

Sample ID: * 09B04332

Analysis: Fluoranthene

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. ANALYSIS IS IN CONTROL BASED ON LABORATORY FORTIFIED BLANK RECOVERY. POSSIBILITY OF SAMPLE MATRIX EFFECTS THAT LEAD TO LOW BIAS FOR REPORTED RESULT CANNOT BE ELIMINATED.

Sample ID: * 09B04332

Analysis: Indeno(1,2,3-cd)pyrene

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. ANALYSIS IS IN CONTROL BASED ON LABORATORY FORTIFIED BLANK RECOVERY. POSSIBILITY OF SAMPLE MATRIX EFFECTS THAT LEAD TO LOW BIAS FOR REPORTED RESULT CANNOT BE ELIMINATED.

Sample ID: * 09B04332

Analysis: Naphthalene

MATRIX SPIKE DUPLICATE RECOVERY IS OUTSIDE OF CONTROL LIMITS, BUT MATRIX SPIKE RECOVERY IS WITHIN LIMITS. OUTLIER SHOULD BE VIEWED AS A ONE TIME ANOMALY.

Sample ID: * 09B04332

Analysis: Phenanthrene

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. ANALYSIS IS IN CONTROL BASED ON LABORATORY FORTIFIED BLANK RECOVERY. POSSIBILITY OF SAMPLE MATRIX EFFECTS THAT LEAD TO LOW BIAS FOR REPORTED RESULT CANNOT BE ELIMINATED.

RL = Reporting Limit

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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

LIMS-BAT #: LIMT-23300
Job Number: 115058

Sample ID: * 09B04332

Analysis: Pyrene

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. ANALYSIS IS IN CONTROL BASED ON LABORATORY FORTIFIED BLANK RECOVERY. POSSIBILITY OF SAMPLE MATRIX EFFECTS THAT LEAD TO LOW BIAS FOR REPORTED RESULT CANNOT BE ELIMINATED.

** END OF REPORT **

RL = Reporting Limit

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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-23300

QC Batch Number: GCMS/SEMI-11944

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04322					
	Nitrobenzene-d5	Surrogate Recovery	53.1	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	58.2	%	30-130
	Terphenyl-d14	Surrogate Recovery	60.6	%	30-130
09B04323					
	Nitrobenzene-d5	Surrogate Recovery	65.6	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	71.8	%	30-130
	Terphenyl-d14	Surrogate Recovery	86.2	%	30-130
09B04324					
	Nitrobenzene-d5	Surrogate Recovery	55.9	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	66.9	%	30-130
	Terphenyl-d14	Surrogate Recovery	71.4	%	30-130
09B04325					
	Nitrobenzene-d5	Surrogate Recovery	64.3	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	67.6	%	30-130
	Terphenyl-d14	Surrogate Recovery	82.8	%	30-130
09B04326					
	Nitrobenzene-d5	Surrogate Recovery	62.8	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	68.0	%	30-130
	Terphenyl-d14	Surrogate Recovery	78.8	%	30-130
09B04327					
	Nitrobenzene-d5	Surrogate Recovery	71.5	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	84.5	%	30-130
	Terphenyl-d14	Surrogate Recovery	81.2	%	30-130
09B04328					
	Nitrobenzene-d5	Surrogate Recovery	65.8	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	75.8	%	30-130
	Terphenyl-d14	Surrogate Recovery	73.0	%	30-130
09B04329					
	Nitrobenzene-d5	Surrogate Recovery	67.5	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	69.7	%	30-130
	Terphenyl-d14	Surrogate Recovery	90.5	%	30-130
09B04330					
	Nitrobenzene-d5	Surrogate Recovery	51.8	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	56.8	%	30-130
	Terphenyl-d14	Surrogate Recovery	56.7	%	30-130
09B04331					
	Nitrobenzene-d5	Surrogate Recovery	69.9	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	78.0	%	30-130
	Terphenyl-d14	Surrogate Recovery	78.7	%	30-130
09B04332					
	Naphthalene	Sample Amount	<0.187	mg/kg dry wt	
		Matrix Spk Amt Added	1.862	mg/kg dry wt	
		MS Amt Measured	0.937	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-23300

QC Batch Number: GCMS/SEMI-11944

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04332					
	Naphthalene	Matrix Spike % Rec.	50.340	%	40-140
		MSD Amount Added	1.862	mg/kg dry wt	
		MSD Amt Measured	0.505	mg/kg dry wt	
		MSD % Recovery	27.120	%	
		MSD Range	23.220	units	
		MS Duplicate RPD	59.953	%	0-30
	Acenaphthene	Sample Amount	<0.187	mg/kg dry wt	
		Matrix Spk Amt Added	1.862	mg/kg dry wt	
		MS Amt Measured	1.103	mg/kg dry wt	
		Matrix Spike % Rec.	59.280	%	40-140
		MSD Amount Added	1.862	mg/kg dry wt	
		MSD Amt Measured	1.024	mg/kg dry wt	
		MSD % Recovery	55.019	%	
		MSD Range	4.260	units	
		MS Duplicate RPD	7.454	%	0-30
	Acenaphthylene	Sample Amount	<0.187	mg/kg dry wt	
		Matrix Spk Amt Added	1.862	mg/kg dry wt	
		MS Amt Measured	1.067	mg/kg dry wt	
		Matrix Spike % Rec.	57.340	%	40-140
		MSD Amount Added	1.862	mg/kg dry wt	
		MSD Amt Measured	1.025	mg/kg dry wt	
		MSD % Recovery	55.059	%	
		MSD Range	2.280	units	
		MS Duplicate RPD	4.056	%	0-30
	Anthracene	Sample Amount	0.296	mg/kg dry wt	
		Matrix Spk Amt Added	1.862	mg/kg dry wt	
		MS Amt Measured	1.215	mg/kg dry wt	
		Matrix Spike % Rec.	49.319	%	40-140
		MSD Amount Added	1.862	mg/kg dry wt	
		MSD Amt Measured	1.216	mg/kg dry wt	
		MSD % Recovery	49.359	%	
		MSD Range	0.040	units	
		MS Duplicate RPD	0.061	%	0-30
	Benzo(a)anthracene	Sample Amount	0.816	mg/kg dry wt	
		Matrix Spk Amt Added	1.862	mg/kg dry wt	
		MS Amt Measured	1.743	mg/kg dry wt	
		Matrix Spike % Rec.	49.800	%	40-140
		MSD Amount Added	1.862	mg/kg dry wt	
		MSD Amt Measured	1.714	mg/kg dry wt	
		MSD % Recovery	48.219	%	
		MSD Range	1.580	units	
		MS Duplicate RPD	1.701	%	0-30
	Benzo(a)pyrene	Sample Amount	0.779	mg/kg dry wt	

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QC Batch Number: GCMS/SEMI-11944

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04332					
	Benzo(a)pyrene	Matrix Spk Amt Added	1.862	mg/kg dry wt	
		MS Amt Measured	1.643	mg/kg dry wt	
		Matrix Spike % Rec.	46.399	%	40-140
		MSD Amount Added	1.862	mg/kg dry wt	
		MSD Amt Measured	1.620	mg/kg dry wt	
		MSD % Recovery	45.160	%	
		MSD Range	1.239	units	
		MS Duplicate RPD	1.414	%	0-30
	Benzo(b)fluoranthene	Sample Amount	0.943	mg/kg dry wt	
		Matrix Spk Amt Added	1.862	mg/kg dry wt	
		MS Amt Measured	1.515	mg/kg dry wt	
		Matrix Spike % Rec.	30.720	%	40-140
		MSD Amount Added	1.862	mg/kg dry wt	
		MSD Amt Measured	1.484	mg/kg dry wt	
		MSD % Recovery	29.059	%	
		MSD Range	1.660	units	
		MS Duplicate RPD	2.060	%	0-30
	Benzo(g,h,i)perylene	Sample Amount	0.282	mg/kg dry wt	
		Matrix Spk Amt Added	1.862	mg/kg dry wt	
		MS Amt Measured	0.957	mg/kg dry wt	
		Matrix Spike % Rec.	36.240	%	40-140
		MSD Amount Added	1.862	mg/kg dry wt	
		MSD Amt Measured	0.898	mg/kg dry wt	
		MSD % Recovery	33.080	%	
		MSD Range	3.159	units	
		MS Duplicate RPD	6.340	%	0-30
	Chrysene	Sample Amount	0.915	mg/kg dry wt	
		Matrix Spk Amt Added	1.862	mg/kg dry wt	
		MS Amt Measured	1.855	mg/kg dry wt	
		Matrix Spike % Rec.	50.459	%	40-140
		MSD Amount Added	1.862	mg/kg dry wt	
		MSD Amt Measured	1.775	mg/kg dry wt	
		MSD % Recovery	46.139	%	
		MSD Range	4.319	units	
		MS Duplicate RPD	4.431	%	0-30
	Dibenz(a,h)anthracene	Sample Amount	<0.187	mg/kg dry wt	
		Matrix Spk Amt Added	1.862	mg/kg dry wt	
		MS Amt Measured	0.965	mg/kg dry wt	
		Matrix Spike % Rec.	51.860	%	40-140
		MSD Amount Added	1.862	mg/kg dry wt	
		MSD Amt Measured	0.957	mg/kg dry wt	
		MSD % Recovery	51.440	%	
		MSD Range	0.420	units	

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QC Batch Number: GCMS/SEMI-11944

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04332					
	Dibenz(a,h)anthracene	MS Duplicate RPD	0.813	%	0-30
	Fluoranthene	Sample Amount	1.557	mg/kg dry wt	
		Matrix Spk Amt Added	1.862	mg/kg dry wt	
		MS Amt Measured	1.672	mg/kg dry wt	
		Matrix Spike % Rec.	6.179	%	40-140
		MSD Amount Added	1.862	mg/kg dry wt	
		MSD Amt Measured	1.538	mg/kg dry wt	
		MSD % Recovery	-1.040	%	
		MSD Range	7.220	units	
		MS Duplicate RPD	8.374	%	0-30
	Fluorene	Sample Amount	<0.187	mg/kg dry wt	
		Matrix Spk Amt Added	1.862	mg/kg dry wt	
		MS Amt Measured	1.146	mg/kg dry wt	
		Matrix Spike % Rec.	61.560	%	40-140
		MSD Amount Added	1.862	mg/kg dry wt	
		MSD Amt Measured	1.159	mg/kg dry wt	
		MSD % Recovery	62.280	%	
		MSD Range	0.719	units	
		MS Duplicate RPD	1.162	%	0-30
	Indeno(1,2,3-cd)pyrene	Sample Amount	0.362	mg/kg dry wt	
		Matrix Spk Amt Added	1.862	mg/kg dry wt	
		MS Amt Measured	1.104	mg/kg dry wt	
		Matrix Spike % Rec.	39.859	%	40-140
		MSD Amount Added	1.862	mg/kg dry wt	
		MSD Amt Measured	1.062	mg/kg dry wt	
		MSD % Recovery	37.600	%	
		MSD Range	2.259	units	
		MS Duplicate RPD	3.885	%	0-30
	2-Methylnaphthalene	Sample Amount	<0.187	mg/kg dry wt	
		Matrix Spk Amt Added	1.862	mg/kg dry wt	
		MS Amt Measured	1.109	mg/kg dry wt	
		Matrix Spike % Rec.	59.580	%	40-140
		MSD Amount Added	1.862	mg/kg dry wt	
		MSD Amt Measured	0.843	mg/kg dry wt	
		MSD % Recovery	45.300	%	
		MSD Range	14.279	units	
		MS Duplicate RPD	27.231	%	0-30
	Phenanthrene	Sample Amount	1.519	mg/kg dry wt	
		Matrix Spk Amt Added	1.862	mg/kg dry wt	
		MS Amt Measured	1.913	mg/kg dry wt	
		Matrix Spike % Rec.	21.180	%	40-140
		MSD Amount Added	1.862	mg/kg dry wt	
		MSD Amt Measured	1.786	mg/kg dry wt	

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QC Batch Number: GCMS/SEMI-11944

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04332					
	Phenanthrene	MSD % Recovery	14.339	%	
		MSD Range	6.840	units	
		MS Duplicate RPD	6.885	%	0-30
	Pyrene	Sample Amount	1.504	mg/kg dry wt	
		Matrix Spk Amt Added	1.862	mg/kg dry wt	
		MS Amt Measured	2.224	mg/kg dry wt	
		Matrix Spike % Rec.	38.680	%	40-140
		MSD Amount Added	1.862	mg/kg dry wt	
		MSD Amt Measured	2.044	mg/kg dry wt	
		MSD % Recovery	29.000	%	
		MSD Range	9.680	units	
		MS Duplicate RPD	8.443	%	0-30
	Benzo(k)fluoranthene	Sample Amount	0.375	mg/kg dry wt	
		Matrix Spk Amt Added	1.862	mg/kg dry wt	
		MS Amt Measured	1.298	mg/kg dry wt	
		Matrix Spike % Rec.	49.540	%	40-140
		MSD Amount Added	1.862	mg/kg dry wt	
		MSD Amt Measured	1.313	mg/kg dry wt	
		MSD % Recovery	50.340	%	
		MSD Range	0.800	units	
		MS Duplicate RPD	1.140	%	0-30
	Nitrobenzene-d5	Surrogate Recovery	77.5	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	86.6	%	30-130
	Terphenyl-d14	Surrogate Recovery	74.2	%	30-130
09B04333					
	Nitrobenzene-d5	Surrogate Recovery	59.6	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	72.4	%	30-130
	Terphenyl-d14	Surrogate Recovery	41.8	%	30-130
09B04334					
	Nitrobenzene-d5	Surrogate Recovery	58.9	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	72.3	%	30-130
	Terphenyl-d14	Surrogate Recovery	54.9	%	30-130
09B04335					
	Nitrobenzene-d5	Surrogate Recovery	50.1	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	56.1	%	30-130
	Terphenyl-d14	Surrogate Recovery	98.6	%	30-130
BLANK-129805					
	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	

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QC Batch Number: GCMS/SEMI-11944

Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-129805					
	Benzo(b)fluoranthene	Blank	<0.167	mg/kg dry wt	
	Benzo(g,h,i)perylene	Blank	<0.167	mg/kg dry wt	
	Chrysene	Blank	<0.167	mg/kg dry wt	
	Dibenz(a,h)anthracene	Blank	<0.167	mg/kg dry wt	
	Fluoranthene	Blank	<0.167	mg/kg dry wt	
	Fluorene	Blank	<0.167	mg/kg dry wt	
	Indeno(1,2,3-cd)pyrene	Blank	<0.167	mg/kg dry wt	
	2-Methylnaphthalene	Blank	<0.167	mg/kg dry wt	
	Phenanthrene	Blank	<0.167	mg/kg dry wt	
	Pyrene	Blank	<0.167	mg/kg dry wt	
	Benzo(k)fluoranthene	Blank	<0.167	mg/kg dry wt	
LFBLANK-91919					
	Naphthalene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	0.970	mg/kg dry wt	
		Lab Fort Blk. % Rec.	58.239	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.954	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	57.259	%	
		Lab Fort Blank Range	0.979	units	
		Lab Fort Bl. Av. Rec	57.749	%	
		LFB Duplicate RPD	1.696	%	0-30
	Acenaphthene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	0.945	mg/kg dry wt	
		Lab Fort Blk. % Rec.	56.739	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.928	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	55.719	%	
		Lab Fort Blank Range	1.019	units	
		Lab Fort Bl. Av. Rec	56.229	%	
		LFB Duplicate RPD	1.813	%	0-30
	Acenaphthylene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	0.957	mg/kg dry wt	
		Lab Fort Blk. % Rec.	57.419	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.941	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	56.459	%	
		Lab Fort Blank Range	0.960	units	
		Lab Fort Bl. Av. Rec	56.939	%	
		LFB Duplicate RPD	1.685	%	0-30
	Anthracene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	0.954	mg/kg dry wt	
		Lab Fort Blk. % Rec.	57.239	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	

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LFBLANK-91919					
	Anthracene	Dup Lab Fort Bl. Fnd	0.934	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	56.059	%	
		Lab Fort Blank Range	1.179	units	
		Lab Fort Bl. Av. Rec	56.649	%	
		LFB Duplicate RPD	2.082	%	0-30
	Benzo(a)anthracene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	0.930	mg/kg dry wt	
		Lab Fort Blk. % Rec.	55.819	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.907	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	54.459	%	
		Lab Fort Blank Range	1.360	units	
		Lab Fort Bl. Av. Rec	55.139	%	
		LFB Duplicate RPD	2.466	%	0-30
	Benzo(a)pyrene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	0.903	mg/kg dry wt	
		Lab Fort Blk. % Rec.	54.179	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.891	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	53.479	%	
		Lab Fort Blank Range	0.699	units	
		Lab Fort Bl. Av. Rec	53.829	%	
		LFB Duplicate RPD	1.300	%	0-30
	Benzo(b)fluoranthene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	0.803	mg/kg dry wt	
		Lab Fort Blk. % Rec.	48.219	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.769	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	46.160	%	
		Lab Fort Blank Range	2.059	units	
		Lab Fort Bl. Av. Rec	47.190	%	
		LFB Duplicate RPD	4.365	%	0-30
	Benzo(g,h,i)perylene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.247	mg/kg dry wt	
		Lab Fort Blk. % Rec.	74.839	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	1.335	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	80.099	%	
		Lab Fort Blank Range	5.260	units	
		Lab Fort Bl. Av. Rec	77.469	%	
		LFB Duplicate RPD	6.789	%	0-30
	Chrysene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	0.938	mg/kg dry wt	

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LFBLANK-91919					
	Chrysene	Lab Fort Blk. % Rec.	56.319	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.926	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	55.599	%	
		Lab Fort Blank Range	0.720	units	
		Lab Fort Bl. Av. Rec	55.959	%	
		LFB Duplicate RPD	1.286	%	0-30
	Dibenz(a,h)anthracene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.194	mg/kg dry wt	
		Lab Fort Blk. % Rec.	71.659	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	1.298	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	77.879	%	
		Lab Fort Blank Range	6.220	units	
		Lab Fort Bl. Av. Rec	74.769	%	
		LFB Duplicate RPD	8.318	%	0-30
	Fluoranthene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	0.837	mg/kg dry wt	
		Lab Fort Blk. % Rec.	50.219	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.770	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	46.219	%	
		Lab Fort Blank Range	4.000	units	
		Lab Fort Bl. Av. Rec	48.219	%	
		LFB Duplicate RPD	8.295	%	0-30
	Fluorene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	0.932	mg/kg dry wt	
		Lab Fort Blk. % Rec.	55.959	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.893	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	53.619	%	
		Lab Fort Blank Range	2.340	units	
		Lab Fort Bl. Av. Rec	54.789	%	
		LFB Duplicate RPD	4.270	%	0-30
	Indeno(1,2,3-cd)pyrene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.266	mg/kg dry wt	
		Lab Fort Blk. % Rec.	75.979	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	1.340	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	80.399	%	
		Lab Fort Blank Range	4.420	units	
		Lab Fort Bl. Av. Rec	78.189	%	
		LFB Duplicate RPD	5.652	%	0-30

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

Report Date: 2/23/2009 Lims Bat # : LIMT-23300

QC Batch Number: GCMS/SEMI-11944

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-91919					
	2-Methylnaphthalene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	0.996	mg/kg dry wt	
		Lab Fort Blk. % Rec.	59.759	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.956	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	57.399	%	
		Lab Fort Blank Range	2.360	units	
		Lab Fort Bl. Av. Rec	58.579	%	
		LFB Duplicate RPD	4.028	%	0-30
	Phenanthrene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	0.942	mg/kg dry wt	
		Lab Fort Blk. % Rec.	56.539	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.921	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	55.279	%	
		Lab Fort Blank Range	1.260	units	
		Lab Fort Bl. Av. Rec	55.909	%	
		LFB Duplicate RPD	2.253	%	0-30
	Pyrene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	1.466	mg/kg dry wt	
		Lab Fort Blk. % Rec.	88.000	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	1.462	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	87.719	%	
		Lab Fort Blank Range	0.280	units	
		Lab Fort Bl. Av. Rec	87.859	%	
		LFB Duplicate RPD	0.318	%	0-30
	Benzo(k)fluoranthene	Lab Fort Blank Amt.	1.666	mg/kg dry wt	
		Lab Fort Blk. Found	0.872	mg/kg dry wt	
		Lab Fort Blk. % Rec.	52.319	%	40-140
		Dup Lab Fort Bl Amt.	1.666	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.853	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	51.179	%	
		Lab Fort Blank Range	1.140	units	
		Lab Fort Bl. Av. Rec	51.749	%	
		LFB Duplicate RPD	2.202	%	0-30

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QC SUMMARY REPORT

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

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

Report Date: 2/23/2009 Lims Bat # : LIMT-23300

QC Batch Number: HG-9880

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04332					
	Mercury	Sample Amount	0.263	mg/kg dry wt	
		Duplicate Value	0.262	mg/kg dry wt	
		Duplicate RPD	0.402	%	0-35
		Sample Amount	0.263	mg/kg dry wt	
		Matrix Spk Amt Added	0.332	mg/kg dry wt	
		MS Amt Measured	0.592	mg/kg dry wt	
		Matrix Spike % Rec.	99.041	%	75-125
		MSD Amount Added	0.330	mg/kg dry wt	
		MSD Amt Measured	0.653	mg/kg dry wt	
		MSD % Recovery	117.915	%	75-125
		MSD Range	18.873	units	
		MS Duplicate RPD	9.775	%	0-35
BLANK-129726					
	Mercury	Blank	<0.025	mg/kg dry wt	
LFBLANK-91832					
	Mercury	Lab Fort Blank Amt.	1.250	mg/kg dry wt	
		Lab Fort Blk. Found	1.217	mg/kg dry wt	
		Lab Fort Blk. % Rec.	97.380	%	65.9-133
		Dup Lab Fort Bl Amt.	1.250	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	1.562	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	125.016	%	65.9-133
		Lab Fort Blank Range	27.636	units	
		Lab Fort Bl. Av. Rec	111.198	%	
		LFB Duplicate RPD	24.853	%	

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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-23300

QC Batch Number: ICP-21194

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04332					
	Silver	Sample Amount	<0.56	mg/kg dry wt	
		Matrix Spk Amt Added	27.93	mg/kg dry wt	
		MS Amt Measured	23.76	mg/kg dry wt	
		Matrix Spike % Rec.	85.07	%	75-125
		MSD Amount Added		%	
		MSD % Recovery	N.M.	%	75-125
	Arsenic	Sample Amount	5.74	mg/kg dry wt	
		Duplicate Value	5.55	mg/kg dry wt	
		Duplicate RPD	3.39	%	0-35
		Sample Amount	5.74	mg/kg dry wt	
		Matrix Spk Amt Added	27.93	mg/kg dry wt	
		MS Amt Measured	32.44	mg/kg dry wt	
		Matrix Spike % Rec.	95.59	%	75-125
		MSD Amount Added		%	
		MSD % Recovery	N.M.	%	75-125
	Barium	Sample Amount	69.80	mg/kg dry wt	
		Duplicate Value	60.17	mg/kg dry wt	
		Duplicate RPD	14.82	%	0-35
		Sample Amount	69.80	mg/kg dry wt	
		Matrix Spk Amt Added	27.93	mg/kg dry wt	
		MS Amt Measured	91.42	mg/kg dry wt	
		Matrix Spike % Rec.	77.39	%	75-125
		MSD Amount Added		%	
		MSD % Recovery	N.M.	%	75-125
	Beryllium	Sample Amount	0.43	mg/kg dry wt	
		Duplicate Value	0.43	mg/kg dry wt	
		Duplicate RPD	0.12	%	0-35
		Sample Amount	0.43	mg/kg dry wt	
		Matrix Spk Amt Added	27.93	mg/kg dry wt	
		MS Amt Measured	26.86	mg/kg dry wt	
		Matrix Spike % Rec.	94.62	%	75-125
		MSD Amount Added		%	
		MSD % Recovery	N.M.	%	75-125
	Cadmium	Sample Amount	<0.28	mg/kg dry wt	
		Matrix Spk Amt Added	27.93	mg/kg dry wt	
		MS Amt Measured	25.29	mg/kg dry wt	
		Matrix Spike % Rec.	90.56	%	75-125
		MSD Amount Added		%	
		MSD % Recovery	N.M.	%	75-125
	Chromium	Sample Amount	10.07	mg/kg dry wt	
		Duplicate Value	9.58	mg/kg dry wt	
		Duplicate RPD	4.97	%	0-35
		Sample Amount	10.07	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-23300

QC Batch Number: ICP-21194

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04332					
	Chromium	Matrix Spk Amt Added	27.93	mg/kg dry wt	
		MS Amt Measured	37.30	mg/kg dry wt	
		Matrix Spike % Rec.	97.49	%	75-125
		MSD Amount Added		%	
		MSD % Recovery	N.M.	%	75-125
	Nickel	Sample Amount	5.35	mg/kg dry wt	
		Duplicate Value	5.28	mg/kg dry wt	
		Duplicate RPD	1.27	%	0-35
		Sample Amount	5.35	mg/kg dry wt	
		Matrix Spk Amt Added	27.93	mg/kg dry wt	
		MS Amt Measured	30.48	mg/kg dry wt	
		Matrix Spike % Rec.	89.97	%	75-125
		MSD Amount Added		%	
		MSD % Recovery	N.M.	%	75-125
	Lead	Sample Amount	108.56	mg/kg dry wt	
		Duplicate Value	132.06	mg/kg dry wt	
		Duplicate RPD	19.53	%	0-35
		Sample Amount	108.56	mg/kg dry wt	
		Matrix Spk Amt Added	27.93	mg/kg dry wt	
		MS Amt Measured	141.59	mg/kg dry wt	
		Matrix Spike % Rec.	118.22	%	75-125
		MSD Amount Added		%	
		MSD % Recovery	N.M.	%	75-125
	Antimony	Sample Amount	<4.47	mg/kg dry wt	
		Matrix Spk Amt Added	27.93	mg/kg dry wt	
		MS Amt Measured	10.17	mg/kg dry wt	
		Matrix Spike % Rec.	36.41	%	75-125
		MSD Amount Added	N.M.	mg/kg dry wt	
		MSD Amt Measured	N.M.	mg/kg dry wt	
		MSD % Recovery	N.M.	%	75-125
	Selenium	Sample Amount	<5.59	mg/kg dry wt	
		Matrix Spk Amt Added	27.93	mg/kg dry wt	
		MS Amt Measured	25.00	mg/kg dry wt	
		Matrix Spike % Rec.	89.49	%	75-125
		MSD Amount Added	N.M.	mg/kg dry wt	
		MSD Amt Measured	N.M.	mg/kg dry wt	
		MSD % Recovery	N.M.	%	75-125
	Thallium	Sample Amount	6.33	mg/kg dry wt	
		Duplicate Value	5.29	mg/kg dry wt	
		Duplicate RPD	17.93	%	0-35
		Sample Amount	6.33	mg/kg dry wt	
		Matrix Spk Amt Added	27.93	mg/kg dry wt	
		MS Amt Measured	29.82	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-23300

QC Batch Number: ICP-21194

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04332					
	Thallium	Matrix Spike % Rec.	84.06	%	75-125
		MSD Amount Added	N.M.	mg/kg dry wt	
		MSD Amt Measured	N.M.	mg/kg dry wt	
		MSD % Recovery	N.M.	%	75-125
	Vanadium	Sample Amount	14.01	mg/kg dry wt	
		Duplicate Value	14.68	mg/kg dry wt	
		Duplicate RPD	4.70	%	0-35
		Sample Amount	14.01	mg/kg dry wt	
		Matrix Spk Amt Added	27.93	mg/kg dry wt	
		MS Amt Measured	41.81	mg/kg dry wt	
		Matrix Spike % Rec.	99.51	%	75-125
		MSD Amount Added	N.M.	mg/kg dry wt	
		MSD Amt Measured	N.M.	mg/kg dry wt	
		MSD % Recovery	N.M.	%	75-125
	Zinc	Sample Amount	65.18	mg/kg dry wt	
		Duplicate Value	70.85	mg/kg dry wt	
		Duplicate RPD	8.33	%	0-35
		Sample Amount	65.18	mg/kg dry wt	
		Matrix Spk Amt Added	27.93	mg/kg dry wt	
		MS Amt Measured	92.28	mg/kg dry wt	
		Matrix Spike % Rec.	97.01	%	75-125
		MSD Amount Added	N.M.	mg/kg dry wt	
		MSD Amt Measured	N.M.	mg/kg dry wt	
		MSD % Recovery	N.M.	%	75-125
BLANK-129767					
	Silver	Blank	0.56	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	2.97	mg/kg dry wt	
LFBLANK-91874					
	Silver	Lab Fort Blank Amt.	62.40	mg/kg dry wt	
		Lab Fort Blk. Found	56.92	mg/kg dry wt	
		Lab Fort Blk. % Rec.	91.21	%	66-133
		Dup Lab Fort Bl Amt.	62.40	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
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Method Blanks

Report Date: 2/23/2009 Lims Bat # : LIMT-23300

QC Batch Number: ICP-21194

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-91874					
	Silver	Dup Lab Fort Bl. Fnd	59.45	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	95.27	%	66-133
		Lab Fort Blank Range	4.05	units	
		Lab Fort Bl. Av. Rec	93.24	%	
		LFB Duplicate RPD	4.34	%	0-30
	Arsenic	Lab Fort Blank Amt.	123.00	mg/kg dry wt	
		Lab Fort Blk. Found	126.62	mg/kg dry wt	
		Lab Fort Blk. % Rec.	102.94	%	80-120
		Dup Lab Fort Bl Amt.	123.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	124.04	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	100.84	%	80-120
		Lab Fort Blank Range	2.09	units	
		Lab Fort Bl. Av. Rec	101.89	%	
		LFB Duplicate RPD	2.05	%	0-30
	Barium	Lab Fort Blank Amt.	256.00	mg/kg dry wt	
		Lab Fort Blk. Found	258.82	mg/kg dry wt	
		Lab Fort Blk. % Rec.	101.10	%	81-119
		Dup Lab Fort Bl Amt.	256.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	256.27	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	100.10	%	81-119
		Lab Fort Blank Range	0.99	units	
		Lab Fort Bl. Av. Rec	100.60	%	
		LFB Duplicate RPD	0.98	%	0-30
	Beryllium	Lab Fort Blank Amt.	75.90	mg/kg dry wt	
		Lab Fort Blk. Found	76.34	mg/kg dry wt	
		Lab Fort Blk. % Rec.	100.59	%	84-116
		Dup Lab Fort Bl Amt.	75.90	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	76.64	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	100.97	%	84-116
		Lab Fort Blank Range	0.38	units	
		Lab Fort Bl. Av. Rec	100.78	%	
		LFB Duplicate RPD	0.37	%	0-30
	Cadmium	Lab Fort Blank Amt.	258.00	mg/kg dry wt	
		Lab Fort Blk. Found	247.53	mg/kg dry wt	
		Lab Fort Blk. % Rec.	95.94	%	83-117
		Dup Lab Fort Bl Amt.	258.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	246.51	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	95.54	%	83-117
		Lab Fort Blank Range	0.39	units	
		Lab Fort Bl. Av. Rec	95.74	%	
		LFB Duplicate RPD	0.41	%	0-30
	Chromium	Lab Fort Blank Amt.	138.00	mg/kg dry wt	
		Lab Fort Blk. Found	144.11	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-23300

QC Batch Number: ICP-21194

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-91874					
	Chromium	Lab Fort Blk. % Rec.	104.42	%	82-118
		Dup Lab Fort Bl Amt.	138.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	141.90	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	102.82	%	82-118
		Lab Fort Blank Range	1.60	units	
		Lab Fort Bl. Av. Rec	103.62	%	
		LFB Duplicate RPD	1.54	%	0-30
	Nickel	Lab Fort Blank Amt.	111.00	mg/kg dry wt	
		Lab Fort Blk. Found	106.34	mg/kg dry wt	
		Lab Fort Blk. % Rec.	95.80	%	80-120
		Dup Lab Fort Bl Amt.	111.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	106.29	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	95.75	%	80-120
		Lab Fort Blank Range	0.04	units	
		Lab Fort Bl. Av. Rec	95.77	%	
		LFB Duplicate RPD	0.04	%	0-30
	Lead	Lab Fort Blank Amt.	136.00	mg/kg dry wt	
		Lab Fort Blk. Found	129.94	mg/kg dry wt	
		Lab Fort Blk. % Rec.	95.54	%	82-118
		Dup Lab Fort Bl Amt.	136.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	129.44	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	95.18	%	82-118
		Lab Fort Blank Range	0.36	units	
		Lab Fort Bl. Av. Rec	95.36	%	
		LFB Duplicate RPD	0.37	%	0-30
	Antimony	Lab Fort Blank Amt.	138.00	mg/kg dry wt	
		Lab Fort Blk. Found	117.01	mg/kg dry wt	
		Lab Fort Blk. % Rec.	84.78	%	30-207
		Dup Lab Fort Bl Amt.	138.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	116.95	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	84.74	%	30-207
		Lab Fort Blank Range	0.04	units	
		Lab Fort Bl. Av. Rec	84.76	%	
		LFB Duplicate RPD	0.05	%	0-30
	Selenium	Lab Fort Blank Amt.	199.00	mg/kg dry wt	
		Lab Fort Blk. Found	199.05	mg/kg dry wt	
		Lab Fort Blk. % Rec.	100.02	%	77-123
		Dup Lab Fort Bl Amt.	199.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	195.85	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	98.41	%	77-123
		Lab Fort Blank Range	1.60	units	
		Lab Fort Bl. Av. Rec	99.22	%	
		LFB Duplicate RPD	1.62	%	0-30

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QC SUMMARY REPORT

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

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

Report Date: 2/23/2009 Lims Bat # : LIMT-23300

QC Batch Number: ICP-21194

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-91874					
	Thallium	Lab Fort Blank Amt.	297.00	mg/kg dry wt	
		Lab Fort Blk. Found	294.25	mg/kg dry wt	
		Lab Fort Blk. % Rec.	99.07	%	82-120
		Dup Lab Fort Bl Amt.	297.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	281.02	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	94.62	%	82-120
		Lab Fort Blank Range	4.45	units	
		Lab Fort Bl. Av. Rec	96.84	%	
		LFB Duplicate RPD	4.59	%	0-30
	Vanadium	Lab Fort Blank Amt.	158.00	mg/kg dry wt	
		Lab Fort Blk. Found	165.65	mg/kg dry wt	
		Lab Fort Blk. % Rec.	104.84	%	80-120
		Dup Lab Fort Bl Amt.	158.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	165.73	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	104.89	%	80-120
		Lab Fort Blank Range	0.05	units	
		Lab Fort Bl. Av. Rec	104.86	%	
		LFB Duplicate RPD	0.04	%	0-30
	Zinc	Lab Fort Blank Amt.	314.00	mg/kg dry wt	
		Lab Fort Blk. Found	301.41	mg/kg dry wt	
		Lab Fort Blk. % Rec.	95.99	%	81-119
		Dup Lab Fort Bl Amt.	314.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	297.67	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	94.79	%	81-119
		Lab Fort Blank Range	1.19	units	
		Lab Fort Bl. Av. Rec	95.39	%	
		LFB Duplicate RPD	1.24	%	0-30

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QC SUMMARY REPORT

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

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

NOTES:

QC Batch No. : GCMS/SEMI-11944
Sample ID : 09B04332
Analysis : Benzo(b)fluoranthene

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. ANALYSIS IS IN CONTROL BASED ON LABORATORY FORTIFIED BLANK RECOVERY. POSSIBILITY OF SAMPLE MATRIX EFFECTS THAT LEAD TO LOW BIAS FOR REPORTED RESULT CANNOT BE ELIMINATED.

QC Batch No. : GCMS/SEMI-11944
Sample ID : 09B04332
Analysis : Benzo(g,h,i)perylene

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. ANALYSIS IS IN CONTROL BASED ON LABORATORY FORTIFIED BLANK RECOVERY. POSSIBILITY OF SAMPLE MATRIX EFFECTS THAT LEAD TO LOW BIAS FOR REPORTED RESULT CANNOT BE ELIMINATED.

QC Batch No. : GCMS/SEMI-11944
Sample ID : 09B04332
Analysis : Fluoranthene

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. ANALYSIS IS IN CONTROL BASED ON LABORATORY FORTIFIED BLANK RECOVERY. POSSIBILITY OF SAMPLE MATRIX EFFECTS THAT LEAD TO LOW BIAS FOR REPORTED RESULT CANNOT BE ELIMINATED.

QC Batch No. : GCMS/SEMI-11944
Sample ID : 09B04332
Analysis : Indeno(1,2,3-cd)pyrene

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. ANALYSIS IS IN CONTROL BASED ON LABORATORY FORTIFIED BLANK RECOVERY. POSSIBILITY OF SAMPLE MATRIX EFFECTS THAT LEAD TO LOW BIAS FOR REPORTED RESULT CANNOT BE ELIMINATED.

QC Batch No. : GCMS/SEMI-11944
Sample ID : 09B04332
Analysis : Naphthalene

MATRIX SPIKE DUPLICATE RECOVERY IS OUTSIDE OF CONTROL LIMITS, BUT MATRIX SPIKE RECOVERY IS WITHIN LIMITS. OUTLIER SHOULD BE VIEWED AS A ONE TIME ANOMALY.

QC Batch No. : GCMS/SEMI-11944
Sample ID : 09B04332
Analysis : Phenanthrene

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. ANALYSIS IS IN CONTROL BASED ON LABORATORY FORTIFIED BLANK RECOVERY. POSSIBILITY OF SAMPLE MATRIX EFFECTS THAT LEAD TO LOW BIAS FOR REPORTED RESULT CANNOT BE ELIMINATED.

QC Batch No. : GCMS/SEMI-11944
Sample ID : 09B04332
Analysis : Pyrene

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. ANALYSIS IS IN CONTROL BASED ON LABORATORY FORTIFIED BLANK RECOVERY. POSSIBILITY OF SAMPLE MATRIX EFFECTS THAT LEAD TO LOW BIAS FOR REPORTED RESULT CANNOT BE ELIMINATED.

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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

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-23300
Project Location: NEW BEDFORD	MADEP RTN[1]:

This Form provides certifications for the following data set: [list Laboratory Sample ID Number(s)]
09B04322 - 09B04335

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

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

L:ml-73300

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

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

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

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

State Form Required?
☒ yes ☐ no

ANALYSIS REQUESTED

Field ID	Sample Description	Lab # 09B	Date Sampled Start Date/Time	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
8	SB-351 (0-1)	04322	2/16/09 0850			X	S	U	X	X			
	SB-351 (1-3)	04323	2/16/09 0900			X	S	U	X	X			
	SB-351 (3.5)	04324	2/16/09 0910			X	S	U	X	X			
	SB-351 (7)	04325	2/16/09 0915			X	S	U	X	X			
	SB-351 (10) HOLD	0	2/16/09 0920			X	S	U	X	X			
	SB-352 (0-1)	04326	2/16/09 0930			X	S	U	X	X			
	SB-352 (1-2.5)	04327	2/16/09 0940			X	S	U	X	X			
	SB-352 (3.5)	04328	2/16/09 0950			X	S	U	X	X			

Client Comments: 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

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

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

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

Limit-2300

Company Name: TRC
Address: 652 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):
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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 (8270 C)	Metals + Hg (MCP)									# of containers	**Preservation	~Cont.Code
									8	1									1	1	G
	SB-352 (6.5)	04329	2/16/09 0955			X	S	U	X	X											
	SB-353 (0-1)	04330	2/16/09 1015			X	S	U	X	X											
	SB-353 (1-2.5)	04331	2/16/09 1025			X	S	U	X	X											
	SB-353 (4)	04332	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)	04333	2/16/09 1045			X	S	U	X	X											
	SB-354 (0-1)	04334	2/16/09 1100			X	S	U	X	X											
	SB-354 (1-2.5)	04335	2/16/09 1110			X	S	U	X	X											

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Client Comments:

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

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

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 C	Date/Time: 2/16/09 1815	

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

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

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

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

State Form Required? ☒ yes ☐ no

ANALYSIS REQUESTED

Field ID	Sample Description	Lab #	Date Sampled Start Date/Time	Stop Date/Time	Composite	Grab	*Matrix	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)		2/16/09 1310			X	S	U	X	X			
	SB-356 (1-2)		2/16/09 1320			X	S	U	X	X			
	SB-356 (3.5)		2/16/09 1325			X	S	U	X	X			
	SB-356 (6.5)		2/16/09 1330			X	S	U	X	X			
	SB-356 (8.5) HOLD		2/16/09 1340			X	S	U	X	X			
	SB-357 (0-1)		2/16/09 1400			X	S	U	X	X			
	SB-357 (1-2)		2/16/09 1410			X	S	U	X	X			

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

Client Comments:
ms/msD @ SB-356 (1-2)
HOLD

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

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in **Matrix/Conc.** Code Box:
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
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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Attention: David Sullivan
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Sampled By: C. Foster / K. Kitchin

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Project # 115058
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Email: dsullivan@trcsolutions.com
Format: ☒ EXCEL ☒ PDF ☐ GIS KEY
☐ OTHER

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

State Form Required?
☒ yes ☐ no

ANALYSIS REQUESTED

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

~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

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

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

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

***Matrix Code:**
GW= groundwater
WW= wastewater
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☐ 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
																					1		
																					1	1	
																					G	G	
	SB-DL-4		2/16/09 1350			X	S	U	X	X													

ANALYSIS REQUESTED

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

Client Comments:

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

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

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

** 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

www.contestlabs.com

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