



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

REPORT DATE 3/13/2009

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

CONTRACT NUMBER:  
 PURCHASE ORDER NUMBER:

PROJECT NUMBER:

**ANALYTICAL SUMMARY**

LIMS BAT #: LIMIT-23793

JOB NUMBER: 115058

PROJECT LOCATION: NEW BEDFORD

FIELD SAMPLE #	LAB ID	MATRIX	SAMPLE DESCRIPTION	TEST	Subcontract Lab (if any) Cert. Nos.
SB-233F 0-1	09B07065	SOIL	Not Specified	pb (mg/kg)dw icp	
SB-233F 0-1	09B07065	SOIL	Not Specified	solids (percent)	
SB-233F 1-3	09B07066	SOIL	Not Specified	pb (mg/kg)dw icp	
SB-233F 1-3	09B07066	SOIL	Not Specified	solids (percent)	
SB-233G 0-1	09B07067	SOIL	Not Specified	cd (mg/kg)dw icp	
SB-233G 0-1	09B07067	SOIL	Not Specified	pb (mg/kg)dw icp	
SB-233G 0-1	09B07067	SOIL	Not Specified	solids (percent)	
SB-233G 1-3	09B07068	SOIL	Not Specified	cd (mg/kg)dw icp	
SB-233G 1-3	09B07068	SOIL	Not Specified	pb (mg/kg)dw icp	
SB-233G 1-3	09B07068	SOIL	Not Specified	solids (percent)	
SB-233H 0-1	09B07069	SOIL	Not Specified	cd (mg/kg)dw icp	
SB-233H 0-1	09B07069	SOIL	Not Specified	pb (mg/kg)dw icp	
SB-233H 0-1	09B07069	SOIL	Not Specified	solids (percent)	
SB-233H 1-3	09B07070	SOIL	Not Specified	cd (mg/kg)dw icp	
SB-233H 1-3	09B07070	SOIL	Not Specified	pb (mg/kg)dw icp	
SB-233H 1-3	09B07070	SOIL	Not Specified	solids (percent)	
WFA-10E 0-1	09B07071	SOIL	Not Specified	cd (mg/kg)dw icp	
WFA-10E 0-1	09B07071	SOIL	Not Specified	pb (mg/kg)dw icp	
WFA-10E 0-1	09B07071	SOIL	Not Specified	solids (percent)	
WFA-10E 1-3	09B07072	SOIL	Not Specified	cd (mg/kg)dw icp	
WFA-10E 1-3	09B07072	SOIL	Not Specified	pb (mg/kg)dw icp	
WFA-10E 1-3	09B07072	SOIL	Not Specified	solids (percent)	
WFA-10F 0-1	09B07073	SOIL	Not Specified	pb (mg/kg)dw icp	
WFA-10F 0-1	09B07073	SOIL	Not Specified	solids (percent)	
WFA-10F 1-3	09B07074	SOIL	Not Specified	pb (mg/kg)dw icp	
WFA-10F 1-3	09B07074	SOIL	Not Specified	solids (percent)	
WFA-10G 0-1	09B07075	SOIL	Not Specified	pb (mg/kg)dw icp	
WFA-10G 0-1	09B07075	SOIL	Not Specified	solids (percent)	
WFA-10G 1-3	09B07076	SOIL	Not Specified	pb (mg/kg)dw icp	
WFA-10G 1-3	09B07076	SOIL	Not Specified	solids (percent)	
WFA-11E 0-1	09B07077	SOIL	Not Specified	pb (mg/kg)dw icp	
WFA-11E 0-1	09B07077	SOIL	Not Specified	solids (percent)	
WFA-11E 1-3	09B07078	SOIL	Not Specified	pb (mg/kg)dw icp	
WFA-11E 1-3	09B07078	SOIL	Not Specified	solids (percent)	
WFA-11F 0-1	09B07079	SOIL	Not Specified	pb (mg/kg)dw icp	
WFA-11F 0-1	09B07079	SOIL	Not Specified	solids (percent)	
WFA-11F 1-3	09B07080	SOIL	Not Specified	pb (mg/kg)dw icp	
WFA-11F 1-3	09B07080	SOIL	Not Specified	solids (percent)	
WFA-11G 0-1	09B07081	SOIL	Not Specified	pb (mg/kg)dw icp	



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LOWELL, MA 01852  
ATTN: DAVID SULLIVAN

CONTRACT NUMBER:  
PURCHASE ORDER NUMBER:

PROJECT NUMBER:

**ANALYTICAL SUMMARY**

LIMS BAT #: LIMIT-23793

JOB NUMBER: 115058

WFA-11G 0-1	09B07081	SOIL	Not Specified	solids (percent)
WFA-11G 1-3	09B07082	SOIL	Not Specified	pb (mg/kg)dw icp
WFA-11G 1-3	09B07082	SOIL	Not Specified	solids (percent)
WFA-11H 0-1	09B07083	SOIL	Not Specified	pb (mg/kg)dw icp
WFA-11H 0-1	09B07083	SOIL	Not Specified	solids (percent)
WFA-11H 1-3	09B07084	SOIL	Not Specified	pb (mg/kg)dw icp
WFA-11H 1-3	09B07084	SOIL	Not Specified	solids (percent)



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CONTRACT NUMBER:  
PURCHASE ORDER NUMBER:

PROJECT NUMBER:

**ANALYTICAL SUMMARY**

LIMS BAT #: LIMIT-23793  
JOB NUMBER: 115058

Comments :

LIMS BATCH NO. : LIMIT-23793

**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

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

**DETAILED CASE NARRATIVE**

**METHOD SW846-6010 - ADDITIONAL COMMENTS**

Sample duplicate and matrix spike performed on sample 09B07067. Sample duplicate not reported for Cd due to non detect sample and duplicate results.

LFB duplicate recovery is outside of control limits for Pb, but the LFB recovery is within limits. Analysis is in control.

Only Pb was requested and reported for samples 09B07065 to 09B07084. Cd was also requested and reported for samples 09B07067 to 09B07072.

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.

3/13/09

Tod Kopyscinski  
Air Laboratory Manager

Michael Erickson  
Assistant Laboratory Director

SIGNATURE

DATE

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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 LOWELL, MA 01852

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Purchase Order No.:

Project Location: NEW BEDFORD  
 Date Received: 3/9/2009  
**Field Sample # : SB-233G 0-1**

LIMS-BAT #: LIMIT-23793  
 Job Number: 115058

**Sample ID : 09B07067** ‡Sampled : 2/20/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Cadmium	mg/kg dry wt	ND	03/12/09	OP	0.30			

**Field Sample # : SB-233G 1-3**

**Sample ID : 09B07068** ‡Sampled : 2/20/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Cadmium	mg/kg dry wt	2.01	03/12/09	OP	0.33			

**Field Sample # : SB-233H 0-1**

**Sample ID : 09B07069** ‡Sampled : 2/20/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Cadmium	mg/kg dry wt	ND	03/12/09	OP	0.33			

**Field Sample # : SB-233H 1-3**

**Sample ID : 09B07070** ‡Sampled : 2/20/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Cadmium	mg/kg dry wt	2.86	03/12/09	OP	0.36			

**Field Sample # : WFA-10E 0-1**

**Sample ID : 09B07071** ‡Sampled : 2/20/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Cadmium	mg/kg dry wt	0.31	03/12/09	OP	0.31			

RL = Reporting Limit

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Purchase Order No.:

Project Location: NEW BEDFORD

LIMS-BAT #: LIMIT-23793

Date Received: 3/9/2009

Job Number: 115058

Field Sample #: WFA-10E 1-3

Sample ID: 09B07072

‡Sampled: 2/20/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Cadmium	mg/kg dry wt	0.55	03/12/09	OP	0.31			

Analytical Method:

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY  
INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

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 LOWELL, MA 01852

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Purchase Order No.:

Project Location: NEW BEDFORD  
 Date Received: 3/9/2009  
 Field Sample # : SB-233F 0-1

LIMS-BAT #: LIMIT-23793  
 Job Number: 115058

Sample ID : 09B07065      ‡Sampled : 2/20/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	28.5	03/12/09	OP	0.90			

Field Sample # : SB-233F 1-3

Sample ID : 09B07066      ‡Sampled : 2/20/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	127	03/12/09	OP	0.95			

Field Sample # : SB-233G 0-1

Sample ID : 09B07067      ‡Sampled : 2/20/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	47.6	03/12/09	OP	0.89			

Field Sample # : SB-233G 1-3

Sample ID : 09B07068      ‡Sampled : 2/20/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	1710	03/12/09	OP	0.98			

Field Sample # : SB-233H 0-1

Sample ID : 09B07069      ‡Sampled : 2/20/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	51.2	03/12/09	OP	0.98			

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Purchase Order No.:

Project Location: NEW BEDFORD  
 Date Received: 3/9/2009  
 Field Sample #: SB-233H 1-3

LIMS-BAT #: LIMIT-23793  
 Job Number: 115058

Sample ID : 09B07070 ±Sampled : 2/20/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	832	03/12/09	OP	1.07			

Field Sample #: WFA-10E 0-1

Sample ID : 09B07071 ±Sampled : 2/20/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	365	03/12/09	OP	0.93			

Field Sample #: WFA-10E 1-3

Sample ID : 09B07072 ±Sampled : 2/20/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	208	03/12/09	OP	0.92			

Field Sample #: WFA-10F 0-1

Sample ID : 09B07073 ±Sampled : 2/20/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	324	03/12/09	OP	0.99			

Field Sample #: WFA-10F 1-3

Sample ID : 09B07074 ±Sampled : 2/20/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	428	03/12/09	OP	1.33			

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 650 SUFFOLK STREET  
 LOWELL, MA 01852

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Purchase Order No.:

Project Location: NEW BEDFORD

LIMS-BAT #: LIMIT-23793

Date Received: 3/9/2009

Job Number: 115058

Field Sample #: WFA-11F 1-3

Sample ID: 09B07080 ±Sampled: 2/19/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	318	03/12/09	OP	1.18			

Field Sample #: WFA-11G 0-1

Sample ID: 09B07081 ±Sampled: 2/19/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	136	03/12/09	OP	0.90			

Field Sample #: WFA-11G 1-3

Sample ID: 09B07082 ±Sampled: 2/19/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	57.0	03/12/09	OP	1.19			

Field Sample #: WFA-11H 0-1

Sample ID: 09B07083 ±Sampled: 2/19/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	124	03/12/09	OP	0.85			

Field Sample #: WFA-11H 1-3

Sample ID: 09B07084 ±Sampled: 2/19/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	1030	03/12/09	OP	1.67			

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LOWELL, MA 01852

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Purchase Order No.:

Project Location: NEW BEDFORD  
Date Received: 3/9/2009

LIMS-BAT #: LIMIT-23793  
Job Number: 115058

Analytical Method:  
SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY  
INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

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 LOWELL, MA 01852

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Purchase Order No.:

Project Location: NEW BEDFORD  
 Date Received: 3/9/2009  
**Field Sample # : SB-233F 0-1**

LIMS-BAT #: LIMIT-23793  
 Job Number: 115058

**Sample ID : 09B07065** ‡Sampled : 2/20/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	83.8	03/12/09	FD			

**Field Sample # : SB-233F 1-3**

**Sample ID : 09B07066** ‡Sampled : 2/20/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	79.5	03/12/09	FD			

**Field Sample # : SB-233G 0-1**

**Sample ID : 09B07067** ‡Sampled : 2/20/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	84.8	03/12/09	FD			

**Field Sample # : SB-233G 1-3**

**Sample ID : 09B07068** ‡Sampled : 2/20/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	77.2	03/12/09	FD			

**Field Sample # : SB-233H 0-1**

**Sample ID : 09B07069** ‡Sampled : 2/20/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	77.3	03/12/09	FD			

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Purchase Order No.:

Project Location: NEW BEDFORD  
 Date Received: 3/9/2009  
**Field Sample # : SB-233H 1-3**

LIMS-BAT #: LIMIT-23793  
 Job Number: 115058

**Sample ID : 09B07070** ‡Sampled : 2/20/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	70.5	03/12/09	FD			

**Field Sample # : WFA-10E 0-1**

**Sample ID : 09B07071** ‡Sampled : 2/20/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	81.3	03/12/09	FD			

**Field Sample # : WFA-10E 1-3**

**Sample ID : 09B07072** ‡Sampled : 2/20/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	82.4	03/12/09	FD			

**Field Sample # : WFA-10F 0-1**

**Sample ID : 09B07073** ‡Sampled : 2/20/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	76.0	03/12/09	FD			

**Field Sample # : WFA-10F 1-3**

**Sample ID : 09B07074** ‡Sampled : 2/20/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	56.6	03/12/09	FD			

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 650 SUFFOLK STREET  
 LOWELL, MA 01852

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Purchase Order No.:

Project Location: NEW BEDFORD

LIMS-BAT #: LIMIT-23793

Date Received: 3/9/2009

Job Number: 115058

Field Sample #: WFA-10G 0-1

Sample ID: 09B07075 ±Sampled: 2/20/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	82.1	03/12/09	FD			

Field Sample #: WFA-10G 1-3

Sample ID: 09B07076 ±Sampled: 2/20/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	69.5	03/12/09	FD			

Field Sample #: WFA-11E 0-1

Sample ID: 09B07077 ±Sampled: 2/19/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	80.4	03/12/09	FD			

Field Sample #: WFA-11E 1-3

Sample ID: 09B07078 ±Sampled: 2/19/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	94.2	03/12/09	FD			

Field Sample #: WFA-11F 0-1

Sample ID: 09B07079 ±Sampled: 2/19/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	86.8	03/12/09	FD			

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 TRC SOLUTIONS - LOWELL  
 650 SUFFOLK STREET  
 LOWELL, MA 01852

3/13/2009  
 Page 11 of 13

Purchase Order No.:

Project Location: NEW BEDFORD

LIMS-BAT #: LIMIT-23793

Date Received: 3/9/2009

Job Number: 115058

Field Sample #: WFA-11F 1-3

Sample ID: 09B07080 ±Sampled: 2/19/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	63.8	03/12/09	FD			

Field Sample #: WFA-11G 0-1

Sample ID: 09B07081 ±Sampled: 2/19/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	84.0	03/12/09	FD			

Field Sample #: WFA-11G 1-3

Sample ID: 09B07082 ±Sampled: 2/19/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	63.1	03/12/09	FD			

Field Sample #: WFA-11H 0-1

Sample ID: 09B07083 ±Sampled: 2/19/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	88.7	03/12/09	FD			

Field Sample #: WFA-11H 1-3

Sample ID: 09B07084 ±Sampled: 2/19/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	45.1	03/12/09	FD			

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



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

3/13/2009  
Page 12 of 13

Purchase Order No.:

Project Location: NEW BEDFORD  
Date Received: 3/9/2009

LIMS-BAT #: LIMIT-23793  
Job Number: 115058

Analytical Method:

SM 2540G

PERCENT OF SAMPLE REMAINING AFTER DRYING OVERNIGHT AT 103-105 DEGREES  
CENTIGRADE.

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

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

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

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

3/13/2009  
Page 13 of 13

Purchase Order No.:

Project Location: NEW BEDFORD  
Date Received: 3/9/2009

LIMS-BAT #: LIMIT-23793  
Job Number: 115058

\*\* END OF REPORT \*\*

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

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

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

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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**QC SUMMARY REPORT**

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Method Blanks

Report Date: 3/13/2009

Lims Bat # : LIMIT-23793

Page 1 of 2

QC Batch Number: ICP-21347

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B07067	Cadmium	Sample Amount	<0.30	mg/kg dry wt	
		Matrix Spk Amt Added	29.48	mg/kg dry wt	
		MS Amt Measured	29.69	mg/kg dry wt	
		Matrix Spike % Rec.	100.74	%	75-125
	Lead	Sample Amount	47.63	mg/kg dry wt	
		Duplicate Value	48.24	mg/kg dry wt	
		Duplicate RPD	1.27	%	0-35
		Sample Amount	47.63	mg/kg dry wt	
		Matrix Spk Amt Added	29.48	mg/kg dry wt	
		MS Amt Measured	75.27	mg/kg dry wt	
		Matrix Spike % Rec.	93.76	%	75-125
BLANK-130575	Cadmium	Blank	<0.25	mg/kg dry wt	
	Lead	Blank	<0.75	mg/kg dry wt	
LFBLANK-92767	Cadmium	Lab Fort Blank Amt.	258.00	mg/kg dry wt	
		Lab Fort Blk. Found	263.37	mg/kg dry wt	
		Lab Fort Blk. % Rec.	102.08	%	83-117
		Dup Lab Fort Bl Amt.	258.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	264.43	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	102.49	%	83-117
		Lab Fort Blank Range	0.41	units	
		Lab Fort Bl. Av. Rec	102.28	%	
		LFB Duplicate RPD	0.40	%	0-30
	Lead	Lab Fort Blank Amt.	136.00	mg/kg dry wt	
		Lab Fort Blk. Found	131.28	mg/kg dry wt	
		Lab Fort Blk. % Rec.	96.52	%	82-118
		Dup Lab Fort Bl Amt.	136.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	167.44	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	123.11	%	82-118
		Lab Fort Blank Range	26.58	units	
		Lab Fort Bl. Av. Rec	109.82	%	
		LFB Duplicate RPD	24.20	%	0-30



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### QC SUMMARY REPORT

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

Report Date: 3/13/2009                      Lims Bat #: LIMIT-23793                      Page 2 of 2

### 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: <b>CON-TEST Analytical Laboratory</b>	Project #: <b>LIMIT-23793</b>
Project Location: <b>New Bedford</b>	MADEP RTN <sup>1</sup> :

This Form provides certifications for the following data set: [list Laboratory Sample ID Number(s)]  
**09B07065 - 09B07084**

Sample Matrices:  Groundwater  Soil/Sediment  Drinking Water  Other: \_\_\_\_\_

<b>MCP SW-846 Methods Used</b>	8260B ( )	8151A ( )	8330 ( )	6010B <input checked="" type="checkbox"/>	7470A/1A ( )
	8270C ( )	8081A ( )	VPH ( )	6020 ( )	9014M <sup>2</sup> ( )
As specified in MADEP Compendium of Analytical Methods. (check all that apply)	8082 ( )	8021B ( )	EPH ( )	7000 S <sup>3</sup> ( )	7196A ( )
<sup>1</sup> List Release Tracking Number (RTN), if known <sup>2</sup> M – SW-846 Method 9014 or MADEP Physiologically Available Cyanide (PAC) Method <sup>3</sup> 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**

<b>A</b>	Were all samples received by the laboratory in a condition consistent with that described on the Chain-of-Custody documentation for the data set?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>B</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?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>C</b>	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"?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>D</b>	<b><u>VPH and EPH Methods only:</u></b> Was the VPH or EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>

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

<b>E</b>	Were all analytical QC performance standards and recommendations for the specified methods achieved?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <sup>1</sup>
<b>F</b>	Were results for all analyte-list compounds/elements for the specified method(s) reported?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <sup>1</sup>

<sup>1</sup> 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: <u></u>	Position: <b>Assistant Laboratory Director</b>
Printed Name: <b>Michael Erickson</b>	Date: <u>3/13/09</u>





Phone: 413-525-2332  
 Fax: 413-525-6405  
 Email: info@contestlabs.com  
 www.contestlabs.com

**CHAIN OF CUSTODY RECORD**  
 LIMIT-23793

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

Company Name: TRC  
 Address: 650 Southwick St Lowell MA 01851

Client PO # 115058

Project # 9705206

Telephone: (978) 970 5206

Client Name: Dave Sullivan

Project Location: David Sullivan

Requested By: David Sullivan / Cheryl Saker

Proposal Provided? (For Billing purposes)  
 Yes  No

State Form Required?  
 Yes  No

DATA DELIVERY (check one):  
 FAX  EMAIL  WEBSITE CLIENT

Email: DSullivan@TRCSolutions

Format:  EXCEL  PDF  GIS KEY

Other:

Turnaround \*\*  
 7-Day  10-Day  Other: 5 DAY RUSH

Detection Limit Requirements  
 Regulations? MCLP SL, SD

\*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

Signature: [Signature] Date/Time: 02/20/09 1600

Signature: [Signature] Date/Time: 2/20/09 1603

Signature: [Signature] Date/Time: 2/20/09 1830

Signature: [Signature] Date/Time: 2/20/09 1820

Sample ID	Sample Description	Lab #	DQB	Date Sampled		Comp-site	Grab	*Matrix   Conc. Code	# of containers	**Preservation
				Start Date/Time	Stop Date/Time					
SB-233	G(G-1)	07007		2/20/09	1135			S	1	
SB-233	G(G-1)	07008		2/20/09	1140			S	1	
SB-233	C(O-1)			2/20/09	1150			S	1	
SB-233	C(O-1)			2/20/09	1155			S	1	
SB-233	C(O-1)			2/20/09	1155			S	1	
SB-233	A(O-1)			2/20/09	1210			S	1	
SB-233	A(O-1)			2/20/09	1215			S	1	

Hold all analytes for soil for possible TLP analysis

Lead  
 Cadmium + Lead

Hold

18c

Client Comments:

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 CORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.



Company Name: TRC  
 Address: 650 South St Lowell MA 01854  
 Telephone: (978) 970-5260  
 Project # 115058  
 Client PO # 115058

**CHAIN OF CUSTODY RECORD**

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

Project Location: New Bedford, Wiscasset Field  
 Sampled By: Bob Peden / Charlie Foster  
 Proposal Provided? (For Billing purposes)  Yes  No  
 State Form Required?  Yes  No

DATA DELIVERY (check one):  
 FAX  EMAIL  WEBSITE CLIENT  
 Email: DSullivan@TRCSolutions.com  
 Format:  EXCEL  PDF  GIS KEY

Field ID	Sample Description	Proposal date	Lab #	Date Sampled	Start Date/Time	Stop Date/Time	Comp-oste	Grab	*Matrix Code	Conc. Code
WEA10-4	CO-1)		09B	2-20-09	840	845	X	S		
WEA10-4	(1-3)				901	905	X	S		
WEA10-3	(0-1)				925	930	X	S		
WEA10-3	(1-3)				935	940	X	S		
WEA10-6	(0-1)				940	945	X	S		
WEA10-6	(1-3)				945	950	X	S		
WEA10-6	(0-1)				950	955	X	S		
WEA10-6	(1-3)				955	960	X	S		

Laboratory Comments: Hold all results of soil see possible  
 Analyzed by: (signature) [Signature] Date/Time: 02/20/09 1600  
 Inquired by: (signature) [Signature] Date/Time: 2-26-09 1603  
 Shipped by: (signature) [Signature] Date/Time: 2-20-09 1830  
 RNDROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED

Turnaround \*\*  
 7-Day  
 10-Day  
 Other: RUSH  
 \*24-Hr  \*48-Hr  \*72-Hr  \*4-Day   
 \*Require lab approval

Detection Limit Requirements  
 Regulations? ALP 51, 52  
 Data Enhancement Project/RCP?  Yes  No  
 Special Requirements or D.L.S.: None  
 Matrix Code: GW  
 GW = groundwater  
 WW = wastewater  
 DW = drinking water  
 A = air  
 S = soil/sediment  
 Preservation Codes:  
 I = lead  
 H = HCL  
 M = Methanol  
 N = Nitrate  
 X = Na hydroxide  
 T = Na thiosulfate

**COPY**

Client: [Blank]  
 Comments: [Blank]  
 # of containers: [Blank]  
 \*\*Preserve: [Blank]  
 -Cont. Code: [Blank]  
 -Cont. Container: [Blank]  
 A=amber glass  
 G=green glass  
 P=plastic  
 ST=sterile  
 V= vial  
 S=summary container  
 T=tedlar bag  
 O=Other



Phone: 413-525-2332  
 Fax: 413-525-6405  
 Email: info@contestlabs.com  
 www.contestlabs.com

**CHAIN OF CUSTODY RECORD**

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

Company Name: TRC

Address: 650 Scituate St

Attention: Lowell MA 01851

Project Location: New Bedford Welsh Field

Sampled By: Bob Pealin, Charles Foster

Proposal Provided? (For Billing purposes)

Yes  No

State Form Required?

Yes  No

Telephone: (978) 970 5600

Project # 115058

Client PO #

DATA DELIVERY (check one):

FAX  EMAIL  WEBSITE CLIENT

Fax #:

Email: D Sullivan P R Sullivan

Format:

EXCEL  PDF  GIS KEY  OTHER

Date Sampled

Start Date/Time

Stop Date/Time

Comp. osite

Grab

\*Matrix | Conc. Code | Code

Field ID	Sample Description	Lab #	Start Date/Time	Stop Date/Time	Comp. osite	Grab	*Matrix   Conc. Code   Code
WEA10-H (0-1)		09B	3-20-09 9:55		X	S	
WEA10-H (1-3)			3-20-09 10:00		X	S	
WEA10-D (0-1)			3-20-09 10:15		X	S	
WEA10-D (1-3)			3-20-09 10:20		X	S	
WEA10-B (0-1)			3-20-09 10:35		X	S	
WEA10-B (1-3)			3-20-09 10:46		X	S	
WEA10-F (0-1)		07073	3-20-09 10:57		X	S	
WEA10-F (1-3)		07074	3-20-09 11:00		X	S	

Laboratory Comments: Held all remaining aliquots of soil for possible TCLP analysis

Received by: (signature) [Signature] Date/Time: 02/20/09 16:00  
 Received by: (signature) [Signature] Date/Time: 02/20/09 16:05  
 Received by: (signature) [Signature] Date/Time: 2/20/09 18:20  
 Received by: (signature) [Signature] Date/Time: 2/20/09 18:20

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

Detection Limit Requirements  
 Regulations? MIR S1, S2  
 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

ANALYSIS REQUESTED	# of containers	**Preservation	-Cont. Code	-Cont. Code:
Lead	1			A = amber glass
Cadmium	1			G = glass
Lead	6			P = plastic
	6			ST = sterile
				V = val
				S = sunna can
				T = tedlar bag
				O = Other

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

Client Comments: Lead  
18c  
14c  
Due/MS2E

INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS



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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 01854

Telephone: 978-970-5600  
 Project # 115058  
 Client PO # \_\_\_\_\_

Attention: Dave Sullivan

Project Location: New Bedford, Walsh Field  
 Sampled By: H. Rizzo + K. Kitman

DATA DELIVERY (check one):  
 FAX  EMAIL  WEBSITE CLIENT  
 Fax # : \_\_\_\_\_  
 Email: dsullivan@trc-solutions.com  
 Format:  EXCEL  PDF  GIS KEY  
 OTHER

Proposal Provided? (For Billing purposes)  
 yes  no  
 State Form Required?  
 yes  no

Field ID	Sample Description	Lab #	Start Date/Time	Step Date/Time	Comp-oste	Grab	Matrix   Conc. Code   Code	Lead	Lead
	WF11-E (0-1)	07077	2/19/09 0940		X	S	X	Lead	Lead
	WF11-E (1-3)	07078		0945	X	S	X	Wood	
	WF11-A (0+1)			0950	X	S	X		
	WF11-A (1-3)			0955	X	S	X		
	WF11-C (0-1)			1005	X	S	X		
	WF11-C (1-3)			1010	X	S	X		
	WF11-G (0-1)	07081		1025	X	S	X	Wood	
	WF11-G (1-3)	07082	2/19/09 1030		X	S	X	Wood	

Laboratory Comments: Hold all remaining aliquots of soil for possible TCLP Analysis

Received by (signature)	Date/Time	Turnaround **	Detection Limit Requirements	Matrix Code:	Preservation Codes:
<u>[Signature]</u>	2/19/09 11:13	<input type="checkbox"/> 7-Day <input type="checkbox"/> 10-Day <input checked="" type="checkbox"/> Other Day RUSH *	Regulations? <u>MCP SI S2</u>	GW = groundwater WW = wastewater DW = drinking water A = air S = soil/sludge SL = sludge O = other	I = Iod H = HCL M = Methanol N = Nitric Acid S = Sulfuric Acid B = Sodium bisulfate O = Other
<u>[Signature]</u>	2-15-09 16:15		Data Enhancement Project/RCP? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N		X = Na hydroxide T = Na thiosulfate
<u>[Signature]</u>	2-15-09 18:40		Special Requirements or DL's: _____		
<u>[Signature]</u>	2/19/09 18:40				

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 RECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

180

Client Comments:



Phone: 413-525-2332  
 Fax: 413-525-6405  
 Email: info@contestlabs.com  
 www.contestlabs.com

**CHAIN OF CUSTODY RECORD**

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

Page 2 of 5

Company Name: TLC  
 Address: 650 SUFFOLK ST  
Lanell Ma. 01854  
 Attention: DAVE SULLIVAN

Project Location: New Bedford, WATSA Field  
 Sampled By: H. Bizza & K. Kichin

Proposal Provided? (For Billing purposes)  
 yes  no

State Form Required?  
 Yes  No

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

Telephone: 978 920-5600  
 Project # 115058  
 Client PO #

Field ID	Sample Description	Lab #	Start Date/Time	Step Date/Time	Comp-oste	Grab	Matrix   Conc. Code	Code	Code
	WEFA11-H (0-1)	07083	2/19/09 1055	1110	X	X	S	X	Lead
	WEFA11-H (1-3)	07084	2/19/09 1055	1110	X	X	S	X	Lead
	WEFA11-D (0-1)			1110	X	X	S	X	Hold
	WEFA11-D (1-3)			1115	X	X	S	X	Hold
	WEFA11-I (1-3)			1215	X	X	S	X	
	WEFA11-B (0-1)			1135	X	X	S	X	
	WEFA11-B (1-3) *MS (MS D)			1140	X	X	S	X	
	WEFA11-F (0-3)	07079	2/19/09 1155		X	X	S	X	Hold

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

Reinquished by (signature) \_\_\_\_\_ Date/Time: 2/19/09 1612

Received by (signature) \_\_\_\_\_ Date/Time: 2/19/09 1612

Relinquished by (signature) \_\_\_\_\_ Date/Time: 2-15-09 1840

Received by (signature) \_\_\_\_\_ Date/Time: 2/19/09 1840

Turnaround \*\*  
 7-Day  
 10-Day  
 Other: 5 Day RUSH

Detection Limit Requirements  
 Regulations? 3-1/5-2

Data Enhancement Project/RCP?   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 = lead  
 H = HCL  
 M = Methanol  
 N = Nitric Acid  
 S = Sulfuric Acid  
 B = Sodium bisulfate  
 O = Other

X = Na hydroxide  
 T = Na thiosulfate

Client: \_\_\_\_\_  
 Comments: \_\_\_\_\_

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



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

**CHAIN OF CUSTODY RECORD**

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

Company Name: TRC  
 Address: 650 Suffolk St.  
Lowell MA. 01854

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

Attention: Dave Sullivan

Project Location: New Bedford, Marsh field

Sampled By: H. Eizza & K. Kitchin

Proposal Provided? (For Billing purposes)  yes  no

State Form Required?  Yes  No

DATA DELIVERY (check one):  
 FAX  EMAIL  WEBSITE CLIENT  
 Email: Sullivan@Resolutions.com  
 Format:  EXCEL  PDF  GIS KEY

Field ID	Sample Description	Lab #	Start Date/Time	Step Date/Time	Comp-site	Grab	Matrix Code	Conc. Code	ANALYSIS REQUESTED	# of containers
WF B11-F (1-3)		09B	2/19/09 1435	1435	X		S		Lead	1
WF B11-E (0-1)			1455	1455	X		S		Lead	1
WF B11-E (1-3)			1500	1500	X		S		W/OLD	1
WF B11-A (0-1)			1505	1505	X		S		W/OLD	1
WF B11-A (1-3) #MS/MSD			1510	1510	X		S			1
WF B11-V (1-3)			1610	1610	X		S			
WF B11-C (0-1)			1520	1520	X		S			
WF B11-C (1-3)			2/19/09 1525	1525	X		S			

See pg 1

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

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.

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

Detection Limit Requirements  
 Regulations? MCP SI/ST  
 Data Enhancement Project/PCP?  Y  N  
 Special Requirements or DLs: \_\_\_\_\_

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

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

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



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CHAIN OF CUSTODY RECORD

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

Company Name: TRC  
 Address: 650 Suffolk St  
Lowell MA 01854  
 Attention: Dave Sullivan

Telephone: 978 970-5600  
 Project # 157058  
 Client PO # \_\_\_\_\_

Project Location: New Bedford, Walsh Field  
 Sampled By: H. Lizza + K. Kitchin

DATA DELIVERY (check one):  
 FAX  EMAIL  WEBSITE CLIENT  
 Email: D.Sullivan@TRCtestlabs.com  
 Format:  EXCEL  PDF  GIS KEY

Proposal Provided? (For Billing purposes)  
 yes  no  
 State Form Required?  
 yes  no

Field ID	Sample Description	Lab #	Start Date/Time	Stop Date/Time	Comp. onsite	Grab	*Matrix Code	Conc. Code	# of containers
	WFB11-F (1-3)		2/19/09	1200	X	X	S	S	8
	WFB11-H (0-1)			1340	X	X	S	S	1
	WFB11-H (0-1)			1345	X	X	S	S	6
	WFB11-D (6-1)			1355	X	X	S	S	
	WFB11-D (1-3)			1400	X	X	S	S	
	WFB11-B (0-1)			1415	X	X	S	S	
	WFB11-B (1-3)			1420	X	X	S	S	
	WFB11-F (0-1)		2/19/09	1430	X	X	S	S	

See pg 1

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

ANALYSIS REQUESTED

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

Received by: (signature) [Signature] Date/Time: 2/19/09 1613  
 Received by: (signature) [Signature] Date/Time: 2-15-09 1817  
 Relinquished by: (signature) [Signature] Date/Time: 2-19-09 1840  
 Received by: (signature) [Signature] Date/Time: 2/19/09 1840

Turnaround \*\*  
 7-Day  
 10-Day  
 Other 1 Day  
 RUSH \*  
 \*24-Hr  \*48-Hr  
 \*72-Hr  \*4-Day  
 \* Require lab approval

Detection Limit Requirements  
 Regulations? MCP S1/S2  
 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 Environmental

Address: 650 Suffolk Street

Lowell, MA 01854

Attention: Dave Sullivan

Project Location: Woburn Field, New Bedford

Sampled By: E. Wachtel + K. Ketchum

Proposal Provided? (For Billing purposes)  Yes  No

State Form Required?  Yes  No

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

**DATA DELIVERY (check one):**

FAX  EMAIL  WEBSITE CLIENT

Fax #: 978-453-1995  
 Email: dsullivan@trcconlabs.com

Format:  EXCEL  PDF  GIS KEY

OTHER

Field ID	Sample Description	Lab #	Date Sampled Start Date/Time	Stop Date/Time	Comp- osite	Grab	Matrix   Conc. Code   Code	Analysis Requested	# of containers
WF82-H (0-1)			2/17/09 1430		X		S	Arsenic	I
WF82-H (1-3)				1435	X		S	Lead	I
WF82-A (0-1)				1530	X		S	Arsenic	G
WF82-A (1-3)				1535	X		S		G
WF82-E (0-1)				1545	X		S		
WF82-E (1-3)				1550	X		S		

*Hold all return aliquots for possible TCLD*

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

Received by (signature): [Signature] Date/Time: 2/17/09 1600

Received by (signature): [Signature] Date/Time: 2-17-09 1600

Received by (signature): [Signature] Date/Time: 2-17-09 1818

Turnaround \*\*  
 7-Day  
 10-Day  
 Other 5  
 RUSH \*

Detection Limit Requirements  
 Regulations? MCLP 5-1/5-2  
 Data Enhancement Project/RCP?  Y  N

Matrix Code:  
 GW = groundwater  
 WW = wastewater  
 DW = drinking water  
 A = air

Preservation Codes:  
 I = Iced  
 H = HCL  
 M = Methanol  
 N = Nitric Acid  
 S = Sulfuric Acid  
 B = Sodium bisulfate  
 O = Other

\* TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY CRIS





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CHAIN OF CUSTODY RECORD

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

Company Name: TRC Environmental  
 Address: 650 Suffolk Street Lowell, MA 01854

Telephone: 978 970-5600  
 Project # 115058.0000

Client Name: David Sullivan  
 Client PO # \_\_\_\_\_

Site Location: New Bedford, MA  
 Collected By: C. Foster, R. Niles

DATA DELIVERY (check one):  
 FAX  EMAIL  WEBSITE CLIENT  
 Fax #: \_\_\_\_\_  
 Email: dsullivan@vesdub.com  
 Format:  EXCEL  PDF  GIS KEY

Proposal Provided? (For Billing purposes)  
 yes  no

State Form Required?  
 yes  no

IID	Sample Description	Lab #	Date Sampled		Comp- osite	Grab	*Matrix   Conc.		ANALYSIS REQUESTED
			Start Date/Time	Stop Date/Time			Code	Code	
	WFC13E-0-1 (HOLD)		2/19/09	1245	X	S	S	Lead	
	WFC13E-1-3 (HOLD)			1250	X	S	S	Lead	
	WFC13A-0-1			1315	X	S	S		
	WFC13A-1-3			1320	X	S	S		
	WFC913-1-3			1215	X	S	S		
	WFC13C-0-1			1340	X	S	S		
	WFC13C-1-3			1345	X	S	S		
	WFC13B-0-1 (HOLD)			1355	X	S	S		

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

Turnaround \*\*  
 7-Day  
 10-Day  
 Other 1 day  
 RUSH \*  
 \*24-Hr  \*48-Hr  
 \*72-Hr  \*4-Day  
 \* Require lab approval

Detection Limit Requirements  
 Regulations? AWP 5-1/5-2

Special Requirements or DLs: See quote

\*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 Saffolk St.  
Lowell MA.  
 Attention: Dave Sullivan

Telephone: (781) 970-8000  
 Project # 115258  
 Client PO # \_\_\_\_\_

Project Location: Numbelford, Warksh Field  
 Sampled By: H. Rizza + K. Kitchin

DATA DELIVERY (check one):  
 FAX  EMAIL  WEBSITE CLIENT  
 Fax #: \_\_\_\_\_  
 Email: Sullivan@TRCSolutions.com  
 Format:  EXCEL  PDF  GIS KEY

Proposal Provided? (For Billing purposes)  
 Yes  No  
 State Form Required?  
 Yes  No

Field ID	Sample Description	Lab #	Date Sampled		Comp- osite	Grab	Matrix Code	Conc. Code	PAHs	Dibenzofuran	PAH EPH*	PAH	ANALYSIS REQUESTED	Cont. Code:	# of containers
			Start Date/Time	Stop Date/Time											
WF84-F (0-1) H2O		09B	2/24/09	1300	X	S	V	X	X	X					
WF84-F (1-3) H2O				1305	X	S	V	X	X	X					
WF84-C (0-1)				1325	X	S	V	X	X	X					
WF84-C (1-3) *msh/d				1350	X	S	V	X	X	X					
WF84-G (1-3) H2O				1345	X	S	V	X	X	X					
WF84-D (0-1)				1350	X	S	V	X	X	X					
WF84-D (1-3)				1350	X	S	V	X	X	X					

Laboratory Comments: X EPH per David Sullivan K0 3/25

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: 2/24/09 1630

Received by (signature): \_\_\_\_\_ Date/Time: 2/24/09 1630

Relinquished by (signature): \_\_\_\_\_ Date/Time: 2/24/09 1846

Received by (signature): Z.C.C. Date/Time: 2/24/09 1845

Turnaround \*\*  
 7-Day  
 10-Day  
 Other: RUSH

Detection Limit Requirements  
 Regulations? MCP 51/52  
 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 = Iod  
 H = HCL  
 M = Methanol  
 N = Nitric Acid  
 S = Sulfuric Acid  
 B = Sodium bisulfate  
 O = Other

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



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CHAIN OF CUSTODY RECORD

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

Company Name: TRC  
 Address: 650 Suffolk St  
Lowell MA 01854  
 Attention: David Sullivan  
 Project Location: City of W.B. (Le154)  
 Sampled By: D. Saunders/H. Kertz

Proposal Provided? (For Billing purposes)  
 Yes 2007 proposal date  
 State Form Required?  
 Yes  No

Telephone: 781 656-3565  
 Project # 115055  
 Client PO # \_\_\_\_\_

DATA DELIVERY (check one):  
 FAX  EMAIL  WEBSITE CLIENT  
 Email: dsullivan@contestlabs.com  
 Format:  EXCEL  PDF  XGIS KEY

Field ID	Sample Description	Lab #	Date Sampled		Comp- osite	Grab	Matrix Code	Conc. Code	ANALYSIS REQUESTED		# of containers
			Start Date/Time	Stop Date/Time					Total Arsenic	Total Lead	
	Post-3X (54-60)			2/3/04			S	U	X	X	
	Post-3X (60-66)			1150			S	U	X	X	
	WFC-2B (0-1)			1315			S	U	X	X	
	WFC-2B (1-3)			1320			S	U	X	X	
	WFC-2F (0-1) (Hold)			1325			S	U	X	X	
	WFC-2F (1-3) (Hold)			1330			S	U	X	X	
	WFC-2C (0-1)			1359			S	U	X	X	
	WFC-2C (1-3) (Hold) (plus 15/15/20)			2/3/04	1355		S	U	X	X	

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

Turnaround \*\*  
 7-Day  
 10-Day  
 Other: 1 day  
 \*24-Hr  \*48-Hr  
 \*72-Hr  \*4-Day  
 \* Require lab approval

Detection Limit Requirements  
 Regulations? MSL 5-115-2  
 Data Enhancement Project/ROP?  Y  N  
 Special Requirements or D.L.s: See above

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

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

TURNAROUND TIME STARTS AT 9:00 AM. 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, NELAP & WBE/DBE Certified



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CHAIN OF CUSTODY RECORD

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

Company Name: TRC  
 Address: 150 Sullivan St Lowell, MA

Telephone: (978) 970-5600  
 Project # 115058

Client PO # \_\_\_\_\_

Location: David Sullivan  
 Object Location: New Bedford - Wash  
 Sample By: C. Foster / J.C. Perkins

DATA DELIVERY (check one):  
 FAX  EMAIL  WEBSITE CLIENT  
 Email: dsullivan@trc-solutions.com  
 Format:  EXCEL  PDF  GIS KEY

Proposal Provided? (For Billing purposes)  
 yes  no  
 State Form Required?  
 yes  no

Field ID	Sample Description	Lab #	Date Sampled	Start Date/Time	Stop Date/Time	Comp- osite	Grab	*Matrix Code	Conc. Code	Analysis Requested	Client	Comments
	WFD6-E (1-3) HOLD	098	2/23/09	1055	1125	X	S	U	X	Cd + Pb PAH (BAP) PAH	HOLD	HOLD
	WFE-S-G (0-1) HOLD	08379			1130						HOLD	HOLD
	WFE-S-G (1-3) HOLD	08380			1140						HOLD	HOLD
	WFE-S-C (0-1)				1145							
	WFE-S-C (1-3)				1155							
	WFE-S-A (0-1)				1200							
	WFE-S-A (1-3) m/s/dup				1210							
	WFE-S-E (0-1) HOLD	08381										

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

Signature: \_\_\_\_\_ Date/Time: 2/23/09 1600  
 Signature: \_\_\_\_\_ Date/Time: 2/23/09 1600  
 Signature: \_\_\_\_\_ Date/Time: 2/23/09 1500  
 Signature: \_\_\_\_\_ Date/Time: 2/23/09 1900

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

Detection Limit Requirements  
 Regulations? MGP 5-1/5-2  
 Data Enhancement Project/RCP?  Y  N  
 Special Requirements or D.L's: \_\_\_\_\_

\*Matrix Code: \_\_\_\_\_ \*\*Preservation Codes:  
 GW = groundwater I = lead  
 WW = wastewater H = HCL X = Na hydroxide  
 DW = drinking water M = Methanol  
 A = air N = Nitric Acid  
 S = soil/solid S = Sulfuric Acid  
 SL = sludge B = Sodium bisulfate  
 O = other O = Other

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



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CHAIN OF CUSTODY RECORD

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

Company Name: TRC  
 Address: 650 Southwell St.  
Lowell MA 01854

Telephone: 978 970 5600  
 Project # 115058  
 Client PO # \_\_\_\_\_

Attention: Dave Sullivan

Project Location: City of New Bedford (Walsh)  
 Sampled By: Bob Paulin Charles Ashie

Proposal Provided? (For Billing purposes)  Yes  No  
 State Form Required?  Yes  No

DATA DELIVERY (check one):  
 FAX  EMAIL  WEBSITE CLIENT  
 Email: D.Sullivan@TRCSolutions.com  
 EXCEL  PDF  OTHER

Field ID	Sample Description	Lab #	Start Date/Time	Stop Date/Time	Comp-ostie	Grab	Matrix Code	Conc. Code	Analysis Requested	# of containers
WF67-E (0-1)		OAB	2-26-09 1155		X	X	U	V	Arsenic (As)	1
WF67-E (1-3)			2-26-09 1200		X	X	U	V	Lead (Pb)	1
WF67-F (0-1)			2-26-09 1115		Y	X	U	V	Cadmium (Cd)	1
WF67-F (1-3)			2-26-09 1120		X	X	U	V	Lead	1
WF67-G (0-1)			2-26-09 1125		X	X	U	V		1
WF67-G (1-3)			2-26-09 1130		X	X	U	V		1
WF67-H (0-1)			2-26-09 1030		X	X	U	V		1
WF67-H (1-3)			2-26-09 1035		X	X	U	V		1

Laboratory Comments: Please Hold Sample Await for Residue TCLP

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): [Signature] Date/Time: 2/26/09 1620

Received by (Signature): [Signature] Date/Time: 2/26/09 1620

Relinquished by (Signature): [Signature] Date/Time: 2/26/09 1622

Received by (Signature): [Signature] Date/Time: 2/26/09 1622

Turnaround \*\*  
 7-Day  
 10-Day  
 Other Stay  
 RUSH \*

Detection Limit Requirements  
 Regulations? AACP S-1, S-2

\*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

\*\* 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, NELAP & WBE/DBE Certified



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CHAIN OF CUSTODY RECORD

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

Page 4 of 6

Company Name: TPL  
 Address: 650 Suffolk St.  
Lowell, MA  
 Attention: David Sullivan  
 Project Location: New Bedford, MA  
 Sampled By: C. Foster / M. Kikawa

Telephone: (978) 970-5200  
 Project # 115058  
 Client PO # \_\_\_\_\_

Proposal Provided? (For Billing purposes)  
 Yes  No  
 State Form Required?  
 Yes  No

DATA DELIVERY (check one):  
 FAX  EMAIL  WEBSITE CLIENT  
 Email: dsullivan@contestlabs.com  
 Format:  EXCEL  PDF  GIS KEY  
 OTHER

Field ID	Sample Description	Lab #	Start Date/Time	Stop Date/Time	Comp- osite	Grab	Matrix   Conc. Code	Code	Code
SB-355 (7.5)	HELD	01353	2/16/09 12:10	2/16/09 13:10	X	X	S	U	X
SB-356 (0-1)		01353	2/16/09 13:25	2/16/09 13:30	X	X	S	U	X
SB-356 (1-2)		01353	2/16/09 13:30	2/16/09 13:40	X	X	S	U	X
SB-356 (3-5)		01354	2/16/09 13:25	2/16/09 13:30	X	X	S	U	X
SB-356 (6-5)		01355	2/16/09 13:30	2/16/09 13:40	X	X	S	U	X
SB-356 (8.5)	HELD	01356	2/16/09 14:00	2/16/09 14:10	X	X	S	U	X
SB-357 (0-1)		01356	2/16/09 14:10	2/16/09 14:16	X	X	S	U	X
SB-357 (1-2)		01357	2/16/09 14:16		X	X	S	U	X

Laboratory Comments: \* Held all remaining soil aliquots for possible TPLP analysis pending results

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, MELAC & WBF/DRF Carbons



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CHAIN OF CUSTODY RECORD

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

Page 1 of 5

Company Name: TRC Environmental  
 Address: 650 Suffolk Street  
 Lowell MA 01854

Attention: Dave Sullivan

Project Location: Walsh Field, New Bedford  
 Sampled By: E. Wachtel and K. Ketchin

Proposal Provided? (For Billing purposes)  
 yes  no

State Form Required?  
 yes  no

Telephone: (118) 970-5200  
 Project # 115058  
 Client PO #

DATA DELIVERY (check one):  
 FAX  REMAIL  WEBSITE CLIENT  
 Fax #: 978-453-1995  
 Email: dsullivan@trcsolutions.com  
 Format:  EXCEL  PDF  GIS KEY  
 OTHER

Field ID	Sample Description	Lab #	Date Sampled	Start Date/Time	Stop Date/Time	Comp-site	Grab	Matrix/Conc. Code	Code Box	Arsenic	Lead	Lead	ANALYSIS REQUESTED	# of containers	Preservation	Cont Code	Cont Code	Preservation	Cont Code
	Post-1A (0-1)		3/17/09	850	900	X		S		X	X	X		8	I				
	Post-1A (1-3)			910	915	X		S		X	X	X		8	I				
	Post-1E (0-1)			915	920	X		S		X	X	X							
	Post-1B (0-1)			920	925	X		S		X	X	X							
	Post-1B (1-3)			925	935	X		S		X	X	X							
	Post-1F (0-1)			935	940	X		S		X	X	X							
	Post-1F (1-3)			940		X		S		X	X	X							

Hold all remaining analytes for possible TCLP analysis

H - High; M - Medium; L - Low; C - Clean; U - Unknown

Detection Limit Requirements  
 Regulations? MCP S-1/S-2

Data Enhancement Project/RCP?  Y  N

Special Requirements or DL's:

Turnaround \*\*  
 7-Day  
 10-Day  
 Other RUSH +

\* Require lab approval  
 \*24-Hr  \*48-Hr  
 \*72-Hr  \*4-Day

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

Comments:  
 \* Please hold all samples for Lead analysis that are stored

Relinquished by: (signature)  
 Received by: (signature)  
 Relinquished by: (signature)  
 Received by: (signature)

Date/Time:  
 Date/Time:  
 Date/Time:  
 Date/Time:

TURNAROUND TIME STARTS AT 9:00 AM. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY...



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CHAIN OF CUSTODY RECORD

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

Company Name: JRC Environmental  
 Address: 650 Suffolk Street  
Lowells MA 01857  
 Attention: Dave Sullivan  
 Project Location: Walsh Field, New Bedford  
 Sampled By: E. Wainhill + K. Garcia  
 Proposal Provided? (For Billing purposes)  yes  no  
 State Form Required?  yes  no  
 Telephone: (978) 970-5200  
 Project # 115058  
 Client PO # \_\_\_\_\_

DATA DELIVERY (check one):  
 FAX  EMAIL  WEBSITE CLIENT  
 Fax #: 978-453-1995  
 Email: dsullivan@hewlett.com  
 Format:  EXCEL  PDF  GIS KEY  
 OTHER

Field ID	Sample Description	Lab #	Date Sampled	Step	Start Date/Time	Step Date/Time	Comp. osite	Grab	Matrix Code	Conc. Code	Analysis Requested	Client Comments
	Post-1C (0-1)		9/17/09	955			X		S		X	Arsonic
	Post-1C(1-3)			1000			X		S		X	Lead
	Post-1G(0-1)			1005			X		S		X	
	Post-1G(1-3)			1010			X		S		X	
	Post-1D(0-1)			1100			X		S		X	
	Post-1D(1-3)			1020			X		S		X	
	Post-1H(0-1)			1035			X		S		X	

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

Turnaround \*\*  
 7-Day  
 10-Day  
 Other BUSH\*  
 \*24-Hr  \*48-Hr  
 \*72-Hr  \*4-Day

Detection Limit Requirements  
 Regulations? MCP 5-1/5-2  
 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 = lead  
 H = HCL  
 M = Methanol  
 N = Nitric Acid  
 S = Sulfuric Acid  
 B = Sodium bisulfate  
 X = Na hydroxide  
 T = Na thiosulfate  
 O = Other

Reinquired by: (signature) \_\_\_\_\_ Date/Time: 2/17/09 1600  
 Received by: (signature) \_\_\_\_\_ Date/Time: 2-17-09 1600  
 Relinquished by: (signature) \_\_\_\_\_ Date/Time: 2-17-09 1818  
 Received by: (signature) \_\_\_\_\_ Date/Time: 2/17/09 1818

Reinquired by: (signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received by: (signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Relinquished by: (signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received by: (signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_

Reinquired by: (signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received by: (signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Relinquished by: (signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received by: (signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_

Reinquired by: (signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received by: (signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Relinquished by: (signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received by: (signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_

Reinquired by: (signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received by: (signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Relinquished by: (signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received by: (signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_

Reinquired by: (signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received by: (signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Relinquished by: (signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received by: (signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_

Reinquired by: (signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received by: (signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Relinquished by: (signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received by: (signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_



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### CHAIN OF CUSTODY RECORD

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

Page 3 of 5

Company Name: JRC Environmental  
Address: 650 Suffolk Street  
Lewiston, MA 01854

Telephone: (478) 940-5600  
Project # 115058  
Client PO # \_\_\_\_\_

Attention: Dave Sullivan

Project Location: Wash Field New Bedford

Sampled By: C. WARD + K. KITSON

Proposal Provided? (For Billing purposes)

yes  no

State Form Required?  
 yes  no

DATA DELIVERY (check one):  
 FAX  EMAIL  WEBSITE CLIENT  
Fax #: 978-453-1995  
Email: dsullivan@treston.org  
Format:  EXCEL  PDF  GIS KEY

Field ID	Sample Description	Lab #	Date Sampled		Comp- osite	Grab	Matrix / Conc.		Analysis Requested	# of containers
			Start Date/Time	Stop Date/Time			Code	Code		

	Post-1H (1-3)	04501	2/17/09	1040	X		S		Asenic Lead Lead	
	WFB2-A (0-1)	04502		1140	X		S			
	WFB2-A (1-3)	04503		1145	X		S			
	WFB2-E (0-1)	04504		1155	X		S			
	WFB2-E (1-3)	04505		1200	X		S			
	WFB2-B (0-1)	04506		1315	X		S			
	WFB2-B (1-3)	04507		1320	X		S			
	WFB2-22 (1-3)	04508		1420	X		S			

Laboratory Comments: Hold all remaining aliquots for possible TCLP

Relinquished by: (signature) [Signature] Date/Time: 2/17/09 1600

Received by: (signature) [Signature] Date/Time: 2/17/09 1600

Relinquished by: (signature) [Signature] Date/Time: 2/17/09 1818

Received by: (signature) [Signature] Date/Time: 2/17/09 1818

Turnaround:  7-Day  10-Day  Other 5

Detection Limit Requirements: MCE S-1/5-2

Regulations? MCE

Data Enhancement Project/RCP?   N

Special Requirements or DLs: \_\_\_\_\_

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

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

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



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CHAIN OF CUSTODY RECORD

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

Page 1 of 5

Company Name: TRC  
 Address: 690 Suffolk St.  
Jessell MA. 01834

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

Attention: Dave Sullivan  
 Project Location: New Bedford, Walsh Field  
 Sampled By: H. Ezzar + K. Kitchin

DATA DELIVERY (check one):  
 FAX  EMAIL  WEBSITE CLIENT  
 Fax #: \_\_\_\_\_  
 Email: D.Sullivan@TRCSolutions.com  
 Format:  EXCEL  PDF  GIS KEY

Proposal Provided? (For Billing purposes)  
 yes  no  
 State Form Required?  
 yes  no

Field ID	Sample Description	Lab #	Date Sampled	Start Date/Time	Step	Comp. Grab	Matrix Code	Conc. Code	Analysis Requested	Client Comments
	POST-2A (0-1)	05592	2/24/09	0910		X	S	U	Arsenic Lead (HOLD)	
	POST-2A (1-3)	05593		0915		X	S	U		
	POST-2E (0-1) HOLD			0930		X	S	U		(HOLD)
	POST-2E (1-3) HOLD			0935		X	S	U		(HOLD)
	POST-2B (0-1)	05551		0945		X	S	U		
	POST-2B (1-3)	05595		0950		X	S	U		
	POST-2F (0-1) HOLD			0955		X	S	U		(HOLD)
	POST-2F (1-3) HOLD			1000		X	S	U		(HOLD)

Laboratory Comments:  
 Hold all remaining aliquots of soil for possible  
 TSP analysis pending results.

Relinquished by: (signature) \_\_\_\_\_ Date/Time: 2/24/09 1630

Received by: (signature) \_\_\_\_\_ Date/Time: 2/27/09 1650

Relinquished by: (signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_

Received by: (signature) \_\_\_\_\_ Date/Time: 2/27/09 1645

Received by: (signature) \_\_\_\_\_ Date/Time: 2/24/09 1645

Turnaround\*\*  
 7-Day  
 10-Day  
 Other 24  
 RUSH\*

Detection Limit Requirements  
 Regulations? WSP SI 52

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

Special Requirements or DLs: \_\_\_\_\_

Require lab approval  
 24-Hr  48-Hr  
 72-Hr  4-Day

\*\* 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.

AHHA, NELAC & WBE/DBE Certified



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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 01854  
 Attention: Jane Sullivan

Telephone: 978 970-5600  
 Project # 115058  
 Client PO # \_\_\_\_\_

Project Location: North Bedford Wash Field  
 Sampled By: H. Kizza & K. Kitchner

DATA DELIVERY (check one):  
 FAX  EMAIL  WEBSITE CLIENT  
 Fax # : \_\_\_\_\_  
 Email: JSullivan@TRCMA.com  
 Format:  EXCEL  PDF  GIS KEY

Proposal Provided? (For Billing purposes)  
 Yes  No

State Form Required?  
 Yes  No

Field ID	Sample Description	Lab #	Date Sampled	Start Date/Time	Stop Date/Time	Comp. Grab	Matrix Code	Conc. Code	Analysis Requested	Client Comments
	POST-2I (1-3)	05596	7/24/09 1120			X	S		As Arsenic	
	POST-2C (0-1)	05597			1015	X	S		Lead (HOLD)	
	POST-2C (1-3)	05598			1020	X	S		Arsenic + Lead	
	POST-2E (0-1) HOLD				1030	X	S		Lead	
	POST-2E (1-3) HOLD				1035	X	S			
	POST-2D (0-1)	05599			1050	X	S			
	POST-2D (1-3) +ms/mhd	05600			1055	X	S			
	POST-2H (0-1) HOLD				1125	X	S			

Laboratory Comments: Hold #11 remaining aliquots of soil for possible TCF analysis pending results.

Reinforced by (signature) [Signature] Date/Time: 7/24/09 1630

Received by (signature) [Signature] Date/Time: 7/27/09 1630

Relinquished by (signature) [Signature] Date/Time: 7/27/09 1845

Received by (signature) [Signature] Date/Time: 7/24/09 1845

Turnaround \*\*  
 7-Day  
 10-Day  
 Other: 24-Hr RUSH

Detection Limit Requirements  
 Regulations? MSL SI/SL  
 Data Enhancement Project/RCP? Y

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

\* Require lab approval

\*\* 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.

**Subject:** Fw: New Bedford Walsh Field Hold Authorizations  
**From:** <tferrentino@contestlabs.com>  
**Date:** Tue, 10 Mar 2009 15:25:40 -0400  
**To:** <mkelley@contestlabs.com>

----- Original Message -----

**From:** Sullivan, Dave (Lowell,MA-US)  
**To:** tferrentino@contestlabs.com  
**Cc:** Zhou, Ping (Lowell,MA-US) ; Denly, Elizabeth (Lowell,MA-US) ; Silverman, Diane (Lowell,MA-US) ; Niles, Ryan (Lowell,MA-US)  
**Sent:** Monday, March 09, 2009 2:45 PM  
**Subject:** RE: New Bedford Walsh Field Hold Authorizations

Ya. I screwed up.

See below:

Post 1A 0-1 lead  
Post 1A 1-3 lead  
Post 1B 0-1 lead  
Post 1B 1-3 lead  
Post 1C 0-1 lead  
Post 1C 1-3 lead  
Post 1D 0-1 lead  
Post 1D 1-3 lead  
Post 1H 0-1 lead  
Post 1H 1-3 lead

Thanks for catching that one.

-Dave

**David M. Sullivan, LSP, CHMM**  
**Senior Project Manager**



**TRC**  
Wannalancit Mills  
650 Suffolk Street  
Lowell, Massachusetts 01854

978-656-3565 phone  
978-453-1995 fax  
978-758-2809 cell  
[dsullivan@trcsolutions.com](mailto:dsullivan@trcsolutions.com)

---

**From:** [tferrentino@contestlabs.com](mailto:tferrentino@contestlabs.com) [mailto:tferrentino@contestlabs.com]

**Sent:** Monday, March 09, 2009 2:42 PM

**To:** Sullivan, Dave (Lowell,MA-US)

**Cc:** Zhou, Ping (Lowell,MA-US); Denly, Elizabeth (Lowell,MA-US); Silverman, Diane (Lowell,MA-US); Niles, Ryan (Lowell,MA-US)

**Subject:** Re: New Bedford Walsh Field Hold Authorizations

Dave,

You had listed Post 1C 0-1 and Post 1C 0-2 twice. Did you need something else, or is this just an error?

Theresa

----- Original Message -----

**From:** Sullivan, Dave (Lowell,MA-US)

**To:** [tferrentino@contestlabs.com](mailto:tferrentino@contestlabs.com)

**Cc:** [Zhou, Ping \(Lowell,MA-US\) ; Denly, Elizabeth \(Lowell,MA-US\) ; Silverman, Diane \(Lowell,MA-US\) ; Niles, Ryan \(Lowell,MA-US\)](mailto:Zhou, Ping (Lowell,MA-US) ; Denly, Elizabeth (Lowell,MA-US) ; Silverman, Diane (Lowell,MA-US) ; Niles, Ryan (Lowell,MA-US))

**Sent:** Sunday, March 08, 2009 8:17 PM

**Subject:** New Bedford Walsh Field Hold Authorizations

Theresa:

Please proceed with the analysis of the following TRC samples from New Bedford that were placed on hold:

Post 1A 0-1 lead  
Post 1A 1-3 lead  
Post 1B 0-1 lead  
Post 1B 1-3 lead  
Post 1C 0-1 lead  
Post 1C 1-3 lead  
Post 1C 0-1 lead  
Post 1C 1-3 lead  
Post 1H 0-1 lead  
Post 1H 1-3 lead

Post 2E 0-1 arsenic and lead  
Past 2E 1-3 arsenic and lead  
Post 2H 0-1 arsenic and lead  
Post 2H 1-3 arsenic and lead  
Post 2B 0-1 lead  
Post 2B 1-3 lead  
Post 2C 0-1 lead  
Post 2C1-3 lead

SB-233F 0-1 lead  
SB-233F 1-3 lead  
SB-233G 0-1 cadmium and lead  
SB-233G 1-3 cadmium and lead  
SB-233H 0-1 cadmium and lead  
SB-233H 1-3 cadmium and lead

WFA-10E 0-1 cadmium and lead  
WFA-10E 1-3 cadmium and lead  
WFA-10F 0-1 lead  
WFA-10F 1-3 lead

WFA-10G 0-1 lead

WFA-10G 1-3 lead

WFA-11E 0-1 lead

WFA-11E 1-3 lead

WFA-11F 0-1 lead

WFA-11F 1-3 lead

WFA-11G 0-1 lead

WFA-11G 1-3 lead

WFA-11H 0-1 lead

WFA-11H 1-3 lead

WFC-2E 0-1 arsenic

WFC-2E 1-3 arsenic

WFC-2F 0-1 arsenic

WFC-2F 1-3 arsenic

WFC-2G 0-1 arsenic and lead

WFC-2G 1-3 arsenic and lead

WFC-2H 0-1 arsenic

WFC-2H 1-3 arsenic

WFB-11E 0-1 lead

WFB-11E 1-3 lead

WFB-11F 0-1 lead

WFB-11F 1-3 lead

WFB-11G 0-1 lead

WFB-11G 1-3 lead

WFB-11H 0-1 lead

WFB-11H 1-3 lead

WFC-13E 0-1 lead

WFC-13E 1-3 lead

WFE-5G 0-1 PAHs

WFE-5G 1-3 PAHs

WFB-4F 0-1 PAHs

WFB-4F 1-3 PAHs

WFG-7G 0-1 lead

WFG-7G 1-3 lead

That should do it for now.

Thanks very much.

-Dave

**David M. Sullivan, LSP, CHMM**  
**Senior Project Manager**

TRC ESP

**TRC**

Wannalancit Mills  
650 Suffolk Street  
Lowell, Massachusetts 01854

978-656-3565 phone

978-453-1995 fax

978-758-2809 cell

[dsullivan@trcsolutions.com](mailto:dsullivan@trcsolutions.com)