



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-23402

JOB NUMBER: 115058.0000

PROJECT LOCATION: NEW BEDFORD, MA

FIELD SAMPLE #	LAB ID	MATRIX	SAMPLE DESCRIPTION	TEST	Subcontract Lab (if any) Cert. Nos.
WFC13A-0-1	09B04918	SOIL	Not Specified	pb (mg/kg)dw icp	
WFC13A-0-1	09B04918	SOIL	Not Specified	solids (percent)	
WFC13A-1-3	09B04919	SOIL	Not Specified	pb (mg/kg)dw icp	
WFC13A-1-3	09B04919	SOIL	Not Specified	solids (percent)	
WFC13B-0-1	09B04923	SOIL	Not Specified	pb (mg/kg)dw icp	
WFC13B-0-1	09B04923	SOIL	Not Specified	solids (percent)	
WFC13B-1-3	09B04924	SOIL	Not Specified	pb (mg/kg)dw icp	
WFC13B-1-3	09B04924	SOIL	Not Specified	solids (percent)	
WFC13C-0-1	09B04921	SOIL	Not Specified	pb (mg/kg)dw icp	
WFC13C-0-1	09B04921	SOIL	Not Specified	solids (percent)	
WFC13C-1-3	09B04922	SOIL	Not Specified	pb (mg/kg)dw icp	
WFC13C-1-3	09B04922	SOIL	Not Specified	solids (percent)	
WFC13D-0-1 QC	09B04925	SOIL	Not Specified	pb (mg/kg)dw icp	
WFC13D-0-1 QC	09B04925	SOIL	Not Specified	solids (percent)	
WFC13D-1-3	09B04926	SOIL	Not Specified	pb (mg/kg)dw icp	
WFC13D-1-3	09B04926	SOIL	Not Specified	solids (percent)	
WFC913-1-3	09B04920	SOIL	Not Specified	pb (mg/kg)dw icp	
WFC913-1-3	09B04920	SOIL	Not Specified	solids (percent)	
WFD13A-0-1	09B04910	SOIL	Not Specified	pb (mg/kg)dw icp	
WFD13A-0-1	09B04910	SOIL	Not Specified	solids (percent)	
WFD13A-1-3	09B04911	SOIL	Not Specified	pb (mg/kg)dw icp	
WFD13A-1-3	09B04911	SOIL	Not Specified	solids (percent)	
WFD13B-0-1	09B04914	SOIL	Not Specified	pb (mg/kg)dw icp	
WFD13B-0-1	09B04914	SOIL	Not Specified	solids (percent)	
WFD13B-1-3 QC	09B04915	SOIL	Not Specified	pb (mg/kg)dw icp	
WFD13B-1-3 QC	09B04915	SOIL	Not Specified	solids (percent)	
WFD13C-0-1	09B04912	SOIL	Not Specified	pb (mg/kg)dw icp	
WFD13C-0-1	09B04912	SOIL	Not Specified	solids (percent)	
WFD13C-1-3	09B04913	SOIL	Not Specified	pb (mg/kg)dw icp	
WFD13C-1-3	09B04913	SOIL	Not Specified	solids (percent)	
WFD13D-0-1	09B04916	SOIL	Not Specified	pb (mg/kg)dw icp	
WFD13D-0-1	09B04916	SOIL	Not Specified	solids (percent)	
WFD13D-1-3	09B04917	SOIL	Not Specified	pb (mg/kg)dw icp	
WFD13D-1-3	09B04917	SOIL	Not Specified	solids (percent)	



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LIMS BAT #: LIMT-23402

JOB NUMBER: 115058.0000

Comments :

LIMS BATCH NO. : LIMT-23402

REVISED REPORT - 3/13/09 - SAMPLE ID 09B04917 DESCRIPTION REVISED PER CLIENT

CASE NARRATIVE SUMMARY

Recommended sample holding times were not exceeded for all samples unless listed below:
None Exceeded

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

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

DETAILED CASE NARRATIVE

METHOD SW846-6010 - ADDITIONAL DETAILS

Only Pb was requested and reported. A sample duplicate and ms were performed on samples 09B04915 and 09B04925. The ms is outside control limits for sample 09B04925. Sample concentration is >4X spike concentration, therefore a representative recovery may not be obtainable. Control limits provided for reference only (not applicable).

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.

Edward Denson 3/13/09

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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Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/19/2009

LIMS-BAT #: LIMIT-23402
Job Number: 115058.0000

Field Sample # : WFC13A-0-1

Sample ID : 09B04918 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	109	02/25/09	OP	1.03		

Field Sample # : WFC13A-1-3

Sample ID : 09B04919 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	390	02/25/09	OP	0.88		

Field Sample # : WFC13B-0-1

Sample ID : 09B04923 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	70.0	02/25/09	OP	1.00		

Field Sample # : WFC13B-1-3

Sample ID : 09B04924 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	175	02/25/09	OP	0.88		

Field Sample # : WFC13C-0-1

Sample ID : 09B04921 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	97.4	02/25/09	OP	0.98		

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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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Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/19/2009

LIMS-BAT #: LIMIT-23402
Job Number: 115058.0000

Field Sample # : WFC13C-1-3

Sample ID : 09B04922 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	266	02/25/09	OP	0.90		

Field Sample # : WFC13D-0-1 QC

Sample ID : 09B04925 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	164	02/25/09	OP	0.96		

Field Sample # : WFC13D-1-3

Sample ID : 09B04926 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	233	02/25/09	OP	0.85		

Field Sample # : WFC913-1-3

Sample ID : 09B04920 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	147	02/25/09	OP	0.89		

Field Sample # : WFD13A-0-1

Sample ID : 09B04910 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	48.7	02/25/09	OP	0.95		

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LIMS-BAT #: LIMIT-23402
Job Number: 115058.0000

Field Sample # : WFD13A-1-3

Sample ID : 09B04911 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	73.7	02/25/09	OP	0.88		

Field Sample # : WFD13B-0-1

Sample ID : 09B04914 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	46.4	02/25/09	OP	0.99		

Field Sample # : WFD13B-1-3 QC

Sample ID : 09B04915 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	104	02/25/09	OP	0.91		

Field Sample # : WFD13C-0-1

Sample ID : 09B04912 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	52.4	02/25/09	OP	0.95		

Field Sample # : WFD13C-1-3

Sample ID : 09B04913 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	46.4	02/25/09	OP	0.91		

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Date Received: 2/19/2009

LIMS-BAT #: LIMIT-23402
Job Number: 115058.0000

Field Sample # : WFD13D-0-1

Sample ID : 09B04916 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	107	02/25/09	OP	0.84		

Field Sample # : WFD13D-1-3

Sample ID : 09B04917 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	94.0	02/25/09	OP	0.97		

Analytical Method:

SW846 3050/6010

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

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LIMS-BAT #: LIMIT-23402
Job Number: 115058.0000

Field Sample # : WFC13A-0-1

Sample ID : 09B04918

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	73.3	02/23/09	FD			

Field Sample # : WFC13A-1-3

Sample ID : 09B04919

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	86.1	02/23/09	FD			

Field Sample # : WFC13B-0-1

Sample ID : 09B04923

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	75.5	02/23/09	FD			

Field Sample # : WFC13B-1-3

Sample ID : 09B04924

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	85.8	02/23/09	FD			

Field Sample # : WFC13C-0-1

Sample ID : 09B04921

‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	77.0	02/23/09	FD			

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LIMS-BAT #: LIMIT-23402
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Field Sample # : WFC13C-1-3

Sample ID : 09B04922 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	83.5	02/23/09	FD			

Field Sample # : WFC13D-0-1 QC

Sample ID : 09B04925 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	78.9	02/23/09	FD			

Field Sample # : WFC13D-1-3

Sample ID : 09B04926 ‡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	02/23/09	FD			

Field Sample # : WFC913-1-3

Sample ID : 09B04920 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	84.4	02/23/09	FD			

Field Sample # : WFD13A-0-1

Sample ID : 09B04910 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	79.1	02/23/09	FD			

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LIMS-BAT #: LIMIT-23402
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Field Sample # : WFD13A-1-3

Sample ID : 09B04911 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	85.5	02/23/09	FD			

Field Sample # : WFD13B-0-1

Sample ID : 09B04914 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	76.5	02/23/09	FD			

Field Sample # : WFD13B-1-3 QC

Sample ID : 09B04915 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	83.1	02/23/09	FD			

Field Sample # : WFD13C-0-1

Sample ID : 09B04912 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	79.0	02/23/09	FD			

Field Sample # : WFD13C-1-3

Sample ID : 09B04913 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	83.0	02/23/09	FD			

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Purchase Order No.:

Project Location: NEW BEDFORD, MA
Date Received: 2/19/2009

LIMS-BAT #: LIMIT-23402
Job Number: 115058.0000

Field Sample # : WFD13D-0-1

Sample ID : 09B04916 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	89.3	02/23/09	FD			

Field Sample # : WFD13D-1-3

Sample ID : 09B04917 ‡Sampled : 2/19/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	77.5	02/23/09	FD			

Analytical Method:

SM 2540G

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

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** END OF REPORT **

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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-23402

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QC Batch Number: ICP-21231

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04915	Lead	Sample Amount	104.01	mg/kg dry wt	
		Duplicate Value	90.15	mg/kg dry wt	
		Duplicate RPD	14.27	%	0-35
		Sample Amount	104.01	mg/kg dry wt	
		Matrix Spk Amt Added	30.08	mg/kg dry wt	
		MS Amt Measured	127.41	mg/kg dry wt	
		Matrix Spike % Rec.	77.77	%	75-125
09B04925	Lead	Sample Amount	164.06	mg/kg dry wt	
		Duplicate Value	155.50	mg/kg dry wt	
		Duplicate RPD	5.35	%	0-35
		Sample Amount	164.06	mg/kg dry wt	
		Matrix Spk Amt Added	31.68	mg/kg dry wt	
		MS Amt Measured	182.25	mg/kg dry wt	
		Matrix Spike % Rec.	57.41	%	75-125
BLANK-129949	Lead	Blank	<0.75	mg/kg dry wt	
LFBLANK-92083	Lead	Lab Fort Blank Amt.	136.00	mg/kg dry wt	
		Lab Fort Blk. Found	117.76	mg/kg dry wt	
		Lab Fort Blk. % Rec.	86.58	%	82-118
		Dup Lab Fort Bl Amt.	136.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	113.56	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	83.50	%	82-118
		Lab Fort Blank Range	3.08	units	
		Lab Fort Bl. Av. Rec	85.04	%	
		LFB Duplicate RPD	3.63	%	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: 3/13/2009

Lims Bat #: LIMIT-23402

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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 through 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 #: **L1mT-23402**

Project Location: **NEW BEDFORD**

MADEP RTN¹:

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

09B04910 - 09B04926

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

**MCP SW-846
Methods Used**

8260B ()

8151A ()

8330 ()

6010B ☒

7470A/1A ()

8270C ()

8081A ()

VPH ()

6020 ()

9014M² ()

As specified in MADEP
Compendium of
Analytical Methods.

8082 ()

8021B ()

EPH ()

7000 S³ ()

7196A ()

(check all that apply)

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?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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"?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No ¹
D	<u>VPH and EPH Methods only</u> : 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 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ¹
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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: 2/26/09



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 1 of 5

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

Telephone: (978) 970-5000
Project # 115058.0000

Attention: David Sullivan

Project Location: New Bedford, MA

Sampled By: C. Foster, R. Niles

Proposal Provided? (For Billing purposes) ☐ yes ☐ no

State Form Required? ☐ yes ☐ no

DATA DELIVERY (check one):
☐ FAX ☒ EMAIL ☐ WEBSITE CLIENT
Fax #: 978-970-5000
Email: dsullivan@trcenv.com
Format: ☒ EXCEL ☐ PDF ☐ GIS KEY

Client PO #

LIMIT-23402

Field ID	Sample Description	Lab #	Start Date/Time	Stop Date/Time	Comp. offsite	Grab	Matrix Code	Conc. Code	Analysis Requested	# of containers	**Preservation
WFD13E-0-1	(HOLD)	0913	2/19/09	0910	X		S		Lead	1	
WFD13E-1-3 (HOLD)				0915	X		S			1	
WFD13A-0-1		04910		0925	X		S			1	
WFD13A-1-3		04911		0930	X		S			1	
WFD13C-0-1		04912		0935	X		S			1	
WFD13C-1-3		04913		1000	X		S			1	
WFD13G-0-1 (HOLD)				1005	X		S			1	
WFD13G-1-3 (HOLD)				1010	X		S			1	

Laboratory Comments: Held all samples after analysis for possible TELP

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): <u>[Signature]</u>	Date/Time: <u>2-19-09 1615</u>	Turnaround ** <input type="checkbox"/> 7-Day <input type="checkbox"/> 10-Day <input checked="" type="checkbox"/> Other <u>5-1</u>	Detection Limit Requirements Regulations? <u>MLP 5-1/5-2</u>	*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
Received by (signature): <u>[Signature]</u>	Date/Time: <u>2-19-09 1615</u>	<input type="checkbox"/> 24-Hr <input type="checkbox"/> 48-Hr <input type="checkbox"/> 72-Hr <input type="checkbox"/> 4-Day	Data Enhancement Project/RCP? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Special Requirements or D.L.s: <u>See below</u>	
Received by (signature): <u>[Signature]</u>	Date/Time: <u>2-19-09 1615</u>				

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.



ANALYTICAL LABORATORY

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 Envision Mental
Address: 650 Suffolk Street

Telephone: 978 970-5600
Project # 115058.0000

Attention: David Sullivan
Project Location: New Bedford, MA

Sampled By: C Foster, P. Nicks

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

DATA DELIVERY (check one):
☒ FAX ☐ EMAIL ☐ WEBSITE CLIENT
Fax # : 978 970-5600
Email: dsullivan@trcenvision.com
Format: ☒ EXCEL ☐ PDF ☐ GIS KEY

ANALYSIS REQUESTED

of containers
**Preservation
-Cont Code

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

Field ID	Sample Description	Lab #	Date Sampled	Start/Stop Date/Time	Comp. Date/Time	Matrix Conc. Code Code	Lead
WFD13F-0-1 (Hold)		0913	2/19/09	1030	X	S	X
WED13F-1-3 (Hold)		04914		1035	X	S	X
WFD13B-0-1		04915		1035	X	S	X
WFD13B-1-3 MS/Dog		04916		1100	X	S	X
WFD13H-0-1 (Hold)		04917		1115	X	S	X
WFD13H-1-3 (Hold)		04918		1120	X	S	X
WFD13D-0-1		04919		1130	X	S	X
WFD13D-1-3		04920		1135	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

Relinquished by: (signature) [Signature] Date/Time: 2/19/09 1615

Received by: (signature) [Signature] Date/Time: 2/19/09 1615

Relinquished by: (signature) [Signature] Date/Time: 2/19/09 1615

Received by: (signature) [Signature] Date/Time: 2/19/09 1615

Turnaround **
☐ 7-Day
☐ 10-Day
☒ Other 5-1/3-2

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

Data Enhancement Project/RCP? Y ☐ N

Special Requirements or DL's: SLC auto

**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

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.



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 3 of 5

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

Telephone: 978 970-5600
Project # 115058.0000

Attention: David Sullivan

Project Location: New Bedford, MA

Sampled By: C. Foder, R. Miller

Proposal Provided? (For Billing purposes) ☐ yes ☐ no

State Form Required? ☐ yes ☐ no

Client PO #

DATA DELIVERY (check one):

☒ FAX ☒ EMAIL ☐ WEBSITE CLIENT

Fax #:

Email: dsullivan@trcenvironment.com

Format: ☒ EXCEL ☐ PDF ☐ GIS KEY

☐ OTHER

Date Sampled

Start Date/Time Stop Date/Time

Comp. Cost Grab

*Matrix | Conc. Code Code

Client Comments:

Field ID	Sample Description	Lab #	Start Date/Time	Stop Date/Time	Comp. Cost	Grab	*Matrix Conc. Code	Code
WFC13E-0-1 (Hold)		04918	2/19/09	1245	X		S	
WFC13E-1-3 (Hold)		04918		1250	X		S	
WFC13A-0-1		04918		1315	X		S	
WFC13A-1-3		04919		1320	X		S	
WFC913-1-3		04920		1215	X		S	
WFC13C-0-1		04921		1340	X		S	
WFC13C-1-3		04922		1345	X		S	
WFC13B-0-1 (Hold)				1355	X		S	

Laboratory Comments: Hold

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

Relinquished by (signature)

Date/Time: 2-19-09 1648

Received by (signature)

Date/Time: 2-19-09 1615

Relinquished by (signature)

Date/Time: 2-19-09 1540

Received by (signature)

Date/Time: 2-19-09 1500

Relinquished by (signature)

Date/Time: 2-19-09 1500

Received by (signature)

Date/Time: 2-19-09 1500

Received by (signature)

Date/Time: 2-19-09 1500

Turnaround **

☐ 7-Day

☐ 10-Day

☒ Rush *

☐ *24-Hr ☐ *48-Hr

☐ *72-Hr ☐ *4-Day

* Require lab approval

Detection Limit Requirements

Regulations? MSL 5-1/5-2

Data Enhancement Project/PCP? Y ☐ N

Special Requirements or DL's: See 4/08

*Matrix Code:

GW = groundwater

WW = wastewater

DW = drinking water

A = air

S = soil/solid

SL = sludge

O = other

**Preservation Codes:

I = Ice

H = HCL

M = Methanol

N = Nitric Acid

S = Sulfuric Acid

B = Sodium bisulfate

O = Other

X = Na hydroxide

T = Na thiosulfate

ANALYSIS REQUESTED

of containers

**Preservation

-Cont Code

-Cont Code

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