



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

REPORT DATE 3/10/2009

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

CONTRACT NUMBER:
PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23687
JOB NUMBER: 115058

PROJECT LOCATION: CITY OF NEW BEDFORD(WALSH)

FIELD SAMPLE #	LAB ID	MATRIX	SAMPLE DESCRIPTION	TEST	Subcontract Lab (if any) Cert. Nos.
POST-09A(0.5-1)	09B06521	SOIL	Not Specified	as (mg/kg)dw icp	
POST-09A(0.5-1)	09B06521	SOIL	Not Specified	solids (percent)	
POST-09A(1-3)	09B06522	SOIL	Not Specified	as (mg/kg)dw icp	
POST-09A(1-3)	09B06522	SOIL	Not Specified	solids (percent)	
POST-09B(0.5-1)	09B06523	SOIL	Not Specified	as (mg/kg)dw icp	
POST-09B(0.5-1)	09B06523	SOIL	Not Specified	solids (percent)	
POST-09B(1-3)	09B06524	SOIL	Not Specified	as (mg/kg)dw icp	
POST-09B(1-3)	09B06524	SOIL	Not Specified	solids (percent)	
POST-09C(0.5-1)	09B06526	SOIL	Not Specified	as (mg/kg)dw icp	
POST-09C(0.5-1)	09B06526	SOIL	Not Specified	solids (percent)	
POST-09C(1-3)QC	09B06527	SOIL	Not Specified	as (mg/kg)dw icp	
POST-09C(1-3)QC	09B06527	SOIL	Not Specified	solids (percent)	
POST-09D(0-1)	09B06528	SOIL	Not Specified	as (mg/kg)dw icp	
POST-09D(0-1)	09B06528	SOIL	Not Specified	solids (percent)	
POST-09D(1-3)	09B06529	SOIL	Not Specified	as (mg/kg)dw icp	
POST-09D(1-3)	09B06529	SOIL	Not Specified	solids (percent)	
POST-09O(1-3)	09B06525	SOIL	Not Specified	as (mg/kg)dw icp	
POST-09O(1-3)	09B06525	SOIL	Not Specified	solids (percent)	
POST-10A(0.5-1)	09B06534	SOIL	Not Specified	as (mg/kg)dw icp	
POST-10A(0.5-1)	09B06534	SOIL	Not Specified	solids (percent)	
POST-10A(1-3)QC	09B06535	SOIL	Not Specified	as (mg/kg)dw icp	
POST-10A(1-3)QC	09B06535	SOIL	Not Specified	solids (percent)	
POST-10B(0.5-1)	09B06536	SOIL	Not Specified	as (mg/kg)dw icp	
POST-10B(0.5-1)	09B06536	SOIL	Not Specified	solids (percent)	
POST-10B(1-3)	09B06537	SOIL	Not Specified	as (mg/kg)dw icp	
POST-10B(1-3)	09B06537	SOIL	Not Specified	solids (percent)	
POST-10C(0.5-1)	09B06530	SOIL	Not Specified	as (mg/kg)dw icp	
POST-10C(0.5-1)	09B06530	SOIL	Not Specified	solids (percent)	
POST-10C(1-3)	09B06531	SOIL	Not Specified	as (mg/kg)dw icp	
POST-10C(1-3)	09B06531	SOIL	Not Specified	solids (percent)	
POST-10D(0.5-1)	09B06532	SOIL	Not Specified	as (mg/kg)dw icp	
POST-10D(0.5-1)	09B06532	SOIL	Not Specified	solids (percent)	
POST-10D(1-3)	09B06533	SOIL	Not Specified	as (mg/kg)dw icp	
POST-10D(1-3)	09B06533	SOIL	Not Specified	solids (percent)	
POST-10O(1-3)	09B06538	SOIL	Not Specified	as (mg/kg)dw icp	
POST-10O(1-3)	09B06538	SOIL	Not Specified	solids (percent)	



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ANALYTICAL SUMMARY

LIMS BAT #: LIMIT-23687
JOB NUMBER: 115058

Comments :

LIMS BATCH NO. : LIMIT-23687

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

In method 6010, the matrix spike for sample 09B06527 is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possibility of sample matrix effects leading to low bias likely and cannot be eliminated. Recovery was greater than 30%, therefore, no corrective action is necessary.

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

DETAILED CASE NARRATIVE

METHOD SW846-6010 - ADDITIONAL DETAILS

A duplicate and matrix spike performed on samples 09B06527 and 09B06535. Duplicate rpd out of control limits for sample 09B06535. Control limits not applicable when sample results are less than 5X the reporting limit. Only As was requested and reported.

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 3/10/09

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: CITY OF NEW BEDFORD(WALSH)
 Date Received: 3/4/2009

LIMS-BAT #: LIMIT-23687
 Job Number: 115058

Field Sample # : POST-09C(1-3)QC

Sample ID : 09B06527 ‡Sampled : 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Arsenic	mg/kg dry wt	40.0	03/10/09	OP	3.13			

Field Sample # : POST-09D(0-1)

Sample ID : 09B06528 ‡Sampled : 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Arsenic	mg/kg dry wt	27.1	03/10/09	OP	3.06			

Field Sample # : POST-09D(1-3)

Sample ID : 09B06529 ‡Sampled : 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Arsenic	mg/kg dry wt	6.01	03/10/09	OP	2.90			

Field Sample # : POST-09O(1-3)

Sample ID : 09B06525 ‡Sampled : 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Arsenic	mg/kg dry wt	22.1	03/10/09	OP	3.08			

Field Sample # : POST-10A(0.5-1)

Sample ID : 09B06534 ‡Sampled : 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Arsenic	mg/kg dry wt	110	03/10/09	OP	2.79			

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Purchase Order No.:

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 Date Received: 3/4/2009

LIMS-BAT #: LIMIT-23687
 Job Number: 115058

Field Sample # : POST-10A(1-3)QC

Sample ID : 09B06535 ‡Sampled : 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Arsenic	mg/kg dry wt	12.1	03/10/09	OP	2.79			

Field Sample # : POST-10B(0.5-1)

Sample ID : 09B06536 ‡Sampled : 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Arsenic	mg/kg dry wt	147	03/10/09	OP	2.70			

Field Sample # : POST-10B(1-3)

Sample ID : 09B06537 ‡Sampled : 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Arsenic	mg/kg dry wt	48.6	03/10/09	OP	2.78			

Field Sample # : POST-10C(0.5-1)

Sample ID : 09B06530 ‡Sampled : 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Arsenic	mg/kg dry wt	173	03/10/09	OP	2.80			

Field Sample # : POST-10C(1-3)

Sample ID : 09B06531 ‡Sampled : 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Arsenic	mg/kg dry wt	10.7	03/10/09	OP	2.85			

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 Date Received: 3/4/2009

LIMS-BAT #: LIMIT-23687
 Job Number: 115058

Field Sample # : POST-10D(0.5-1)

Sample ID : 09B06532 ‡Sampled : 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt	95.1	03/10/09	OP	2.78		

Field Sample # : POST-10D(1-3)

Sample ID : 09B06533 ‡Sampled : 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt	3.57	03/10/09	OP	2.73		

Field Sample # : POST-10O(1-3)

Sample ID : 09B06538 ‡Sampled : 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt	8.78	03/10/09	OP	2.71		

Analytical Method:
 SW846 3050/6010

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

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Purchase Order No.:

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LIMS-BAT #: LIMIT-23687
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Field Sample # : POST-09A(0.5-1)

Sample ID : 09B06521 ‡Sampled : 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	90.0	03/09/09	FD			

Field Sample # : POST-09A(1-3)

Sample ID : 09B06522 ‡Sampled : 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	77.6	03/09/09	FD			

Field Sample # : POST-09B(0.5-1)

Sample ID : 09B06523 ‡Sampled : 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	86.7	03/09/09	FD			

Field Sample # : POST-09B(1-3)

Sample ID : 09B06524 ‡Sampled : 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	87.3	03/09/09	FD			

Field Sample # : POST-09C(0.5-1)

Sample ID : 09B06526 ‡Sampled : 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	87.4	03/09/09	FD			

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LIMS-BAT #: LIMIT-23687
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Field Sample # : POST-09C(1-3)QC

Sample ID : 09B06527 ‡Sampled : 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	80.1	03/09/09	FD			

Field Sample # : POST-09D(0-1)

Sample ID : 09B06528 ‡Sampled : 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	81.7	03/09/09	FD			

Field Sample # : POST-09D(1-3)

Sample ID : 09B06529 ‡Sampled : 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	86.5	03/09/09	FD			

Field Sample # : POST-09O(1-3)

Sample ID : 09B06525 ‡Sampled : 3/3/2009
 Not Specified

Sample Matrix: SOIL

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

Field Sample # : POST-10A(0.5-1)

Sample ID : 09B06534 ‡Sampled : 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	89.8	03/09/09	FD			

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LIMS-BAT #: LIMIT-23687
 Job Number: 115058

Field Sample # : POST-10A(1-3)QC

Sample ID : 09B06535 ‡Sampled : 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	89.9	03/09/09	FD			

Field Sample # : POST-10B(0.5-1)

Sample ID : 09B06536 ‡Sampled : 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	92.9	03/09/09	FD			

Field Sample # : POST-10B(1-3)

Sample ID : 09B06537 ‡Sampled : 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	90.2	03/09/09	FD			

Field Sample # : POST-10C(0.5-1)

Sample ID : 09B06530 ‡Sampled : 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	89.4	03/09/09	FD			

Field Sample # : POST-10C(1-3)

Sample ID : 09B06531 ‡Sampled : 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	87.9	03/09/09	FD			

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 Date Received: 3/4/2009

LIMS-BAT #: LIMIT-23687
 Job Number: 115058

Field Sample # : POST-10D(0.5-1)

Sample ID : 09B06532 ‡Sampled : 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	90.0	03/09/09	FD			

Field Sample # : POST-10D(1-3)

Sample ID : 09B06533 ‡Sampled : 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	91.9	03/09/09	FD			

Field Sample # : POST-10O(1-3)

Sample ID : 09B06538 ‡Sampled : 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	92.5	03/09/09	FD			

Analytical Method:
 SM 2540G

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

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Purchase Order No.:

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** END OF REPORT **

RL = Reporting Limit

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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: 3/10/2009

Lims Bat # : LIMIT-23687

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QC Batch Number: ICP-21315

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B06527	Arsenic	Sample Amount	39.99	mg/kg dry wt	
		Duplicate Value	33.73	mg/kg dry wt	
		Duplicate RPD	16.96	%	0-35
		Sample Amount	39.99	mg/kg dry wt	
		Matrix Spk Amt Added	31.21	mg/kg dry wt	
		MS Amt Measured	61.56	mg/kg dry wt	
		Matrix Spike % Rec.	69.12	%	75-125
		09B06535	Arsenic	Sample Amount	12.12
Duplicate Value	4.99	mg/kg dry wt			
Duplicate RPD	83.32	%		0-35	
Sample Amount	12.12	mg/kg dry wt			
Matrix Spk Amt Added	27.80	mg/kg dry wt			
MS Amt Measured	33.15	mg/kg dry wt			
Matrix Spike % Rec.	75.62	%		75-125	
BLANK-130444	Arsenic	Blank	<2.50	mg/kg dry wt	
LFBLANK-92630		Arsenic	Lab Fort Blank Amt.	123.00	mg/kg dry wt
	Lab Fort Blk. Found		130.10	mg/kg dry wt	
	Lab Fort Blk. % Rec.		105.77	%	80-120
	Dup Lab Fort Bl Amt.		123.00	mg/kg dry wt	
	Dup Lab Fort Bl. Fnd		126.45	mg/kg dry wt	
	Dup Lab Fort Bl %Rec		102.80	%	80-120
	Lab Fort Blank Range		2.96	units	
	Lab Fort Bl. Av. Rec		104.28	%	
	LFB Duplicate RPD		2.84	%	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: 3/10/2009 Lims Bat #: LIMIT-23687 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: **CON-TEST Analytical Laboratory**

Project #: *LIM T-23687*

Project Location: *CITY OF NEW BEDFORD.*

MADEP RTN¹:

This Form provides certifications for the following data set: [list Laboratory Sample ID Number(s)]
09B06521-09B06538.

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

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

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

A	Were all samples received by the laboratory in a condition consistent with that described on the Chain-of-Custody documentation for the data set?	<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: *3/10/09*



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

Company Name: TRC

Address: 650 Sibley Street

Attention: David Sullivan

Project Location: City of AB (Wash)

Sampled By: S. Saunders / K. Kithia

Proposal Provided? (For Billing purposes) yes 2007 proposal date

State Form Required? yes no

Telephone: (478) 656-3585

Project # 115058

Client PO # Limit # 23667

DATA DELIVERY (check one):
 FAX EMAIL WEBSITE CLIENT

Fax #: dsullivan@resolutions.com

Email: dsullivan@resolutions.com

Format: EXCEL PDF GIS KEY

OTHER

Field ID	Sample Description	Lab #	OQB	Date Sampled		Comp- osite	Grab	Matrix Code	Conc. Code	Total Arsenic	Total Lead *	Total Cadmium *	ANALYSIS REQUESTED	# of containers
				Sheet- Date/Time	Step- Date/Time									
Post-9E1	(0.5-1) (Hand)			3/5/09	1115	G	S	U	X	X	X			
Post-9E1	(1-3) (Hand)				1120				X	X	X			
Post-9A1	(0.5-1) (Hand)	06521			1130				X	X	X			
Post-9A1	(1-3)	06522			1135				X	X	X			
Post-9F1	(0.5-1) (Hand)				1145				X	X	X			
Post-9F1	(1-3) (Hand)				1150				X	X	X			
Post-9B1	(0.5-1)	06523			1155				X	X	X			
Post-9B1	(1-3)	06524		3/5/09	1200	G	S	U	X	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

Relinquished by: (signature) [Signature] Date/Time: 3/4/09, 11:20

Received by: (signature) [Signature] Date/Time: 3/4/09, 1:00

Relinquished by: (signature) [Signature] Date/Time: 3-4-09 18:50

Received by: (signature) [Signature] Date/Time: 3/21/09 18:50

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 5-1/5.2

Data Enhancement Project/RCP? Y N

Special Requirements or D.L.s: See Guide

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

Client Comments:
 * Hold all samples for potential future TCR analysis (per TRC request)

** 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

Company Name: TRC

Address: 650 Suffolk Street Lowell MA 01854

Attention: David Sullivan

Project Location: City of NB (Walsh)

Sampled By: J. Saunders / E. Kivlin

Proposal Provided? (For Billing purposes) Yes No

State Form Required? Yes No

Telephone: (978) 656-3565

Project # 15058

Client PO #

DATA DELIVERY (check one):

FAX EMAIL WEBSITE CLIENT

Fax #:

Email: dsullivan@trcsolutions.com

Format: EXCEL PDF GIS KEY

OTHER

Date Sampled

Start Date/Time	Stop Date/Time	Comp-oste	Grab	Matrix Code	Conc. Code
3/3/09 1100	1205			S	U
	1210				
	1220				
	1225				
	1240				
	1245				
3/3/09 1250				S	U

Field ID Sample Description Lab # 098

Post-90 (1-3) 06525

Post-96' (0.5-1) (HAND)

Post-96' (1-3) (HAND)

Post-98' (0.5-1) (HAND) 06526

Post-98' (1-3) (HAND) 06527

Post-94' (0-1) (HAND)

Post-94' (1-3) (HAND)

Post-9D' (0-1) 06528

Laboratory Comments:

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

Field ID	Sample Description	Lab #	Date Sampled	Start Date/Time	Stop Date/Time	Comp-oste	Grab	Matrix Code	Conc. Code	# of containers	Preservation	Cont. Code
										1	I	I
										6	C	C
										6	C	C

ANALYSIS REQUESTED

Field ID	Sample Description	Lab #	Date Sampled	Start Date/Time	Stop Date/Time	Comp-oste	Grab	Matrix Code	Conc. Code	Analysis Requested
										Total Arsenic
										Total Lead *
										Total Cadmium *

Client Comments:

* Hold all total lead & cadmium samples
 ** Hold all samples for potential future TRC analysis

Turnaround **

7-Day

10-Day

Other 5 Day RUSH *

*24-Hr *48-Hr

*72-Hr *4-Day

Require lab approval

Detection Limit Requirements

Regulations? MLP 5-1/5-2

Data Enhancement Project/RCP? Y N

Special Requirements or DL's: See Quota

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

Relinquished by: (signature) [Signature] Date/Time: 3/4/09 10:20

Received by: (signature) [Signature] Date/Time: 4-1-09 10:20

Relinquished by: (signature) [Signature] Date/Time: 8-4-09 18:80

Received by: (signature) [Signature] Date/Time: 3/11/09 16:50

Temp 3.0

** 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.



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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

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

Attention: David Sullivan

DATA DELIVERY (check one):
 FAX EMAIL WEBSITE CLIENT

Project Location: New Bedford - Walsh Field
 Sampled By: J. Saunders, K. K. Kibbin

Fax #: _____
 Email: dsullivan@trcsolutions.com
 Format: EXCEL PDF XGIS KEY

Proposal Provided? (For Billing purposes)
 Yes 2009 proposal date Yes No

State Form Required?
 OTHER

Field ID	Sample Description	Lab #	Date Sampled		Comp- osite	Grab	*Matrix Code	Conc. Code	A ₀	P ₀ (H ₂ O)	P ₀ (H ₂ O)	ANALYSIS REQUESTED	# of containers
			Start Date/Time	Stop Date/Time									
	Post-10D' (1-3)	06533	3/2/09	1435	X	S	U	X	X	X			
	Post-10E' (1-3) (H ₂ O)		3/3/09	1445	X	S	U	X	X	X			
	Post-10E' (1-3) (H ₂ O)		3/3/09	1450	X	S	U	X	X	X			
	Post-10A' (10.5-1)	06534	3/3/09	1500	X	S	U	X	X	X			
	Post-10A' (1-3) (Plus R ₀) (MS/DUP)	06535	3/3/09	1505	X	S	U	X	X	X			
	Post-10F' (10.5-1) (H ₂ O)		3/3/09	1510	X	S	U	X	X	X			
	Post-10F' (1-3) (H ₂ O)		3/3/09	1515	X	S	U	X	X	X			
	Post-10B' (10.5-1)	06536	3/3/09	1525	X	S	U	X	X	X			

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

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

Relinquished by: (signature) [Signature] Date/Time: 3/4/09 10:20

Received by: (signature) [Signature] Date/Time: 3/4/09 10:20

Relinquished by: (signature) [Signature] Date/Time: 3/4/09 18:50

Received by: (signature) [Signature] Date/Time: 3/11/09 18:50

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 5-1-5-2
 Data Enhancement Project/RCP? Y N
 Special Requirements or DL's: See Cont.

*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

Client Comments: * Hold all the P₀ 4 d analyses
* * Hold all 4 samples for TCAP analysis
3-5-09 - Post-10A' (1-3) MS/DUP DR
J.F. MAH

** 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.

A/H/A, 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 Southfolk St.

Lowell, MA

Attention: David Sullivan

Project Location: New Bedford - Walsh Field

Sampled By: J. Saunders / K. Kitchen

Proposal Provided? (For Billing purposes)

yes 2007 proposal date

State Form Required?

yes no

Limit # 23687

Telephone: (978) 970-5200

Project # 115058

Client PO #

DATA DELIVERY (check one):

FAX EMAIL WEBSITE CLIENT

Fax #:

Email: dsullivan@contestlabs.com

Format: EXCEL PDF GIS KEY

OTHER

Field ID	Sample Description	Lab #	Date Sampled		Comp. site	Grab	*Matrix Code	Conc. Code	ANALYSIS REQUESTED			# of Containers
			Start Date/Time	Stop Date/Time					As	Pb (Hold)*	Cd (Hold)*	
	Post-10B1 (1-3)	06537	3/3/09	1530	X	S	U	X	X	X		
	Post-100 (1-3)	06538	3/3/09	1605	X	S	U	X	X	X		
			3/3/09		X	S	U	X	X	X		
			3/3/09		X	S	U	X	X	X		
			3/3/09		X	S	U	X	X	X		
			3/3/09		X	S	U	X	X	X		
			3/3/09		X	S	U	X	X	X		
			3/3/09		X	S	U	X	X	X		
			3/3/09		X	S	U	X	X	X		

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

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

Relinquished by: (signature) [Signature] Date/Time: 3/1/09 1220

Received by: (signature) [Signature] Date/Time: 3-1-09 1030

Relinquished by: (signature) [Signature] Date/Time: 3-1-09 1850

Received by: (signature) [Signature] Date/Time: 3/1/09 18:50

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

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

Data Enhancement Project/RCP? Y N

Special Requirements or DL's: See above

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

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

Client Comments: (Hold all Pb & Cd analysis)

Cont. Code:
 A = amber glass
 G = glass
 P = plastic
 ST = sterile
 V = vial
 S = summa can
 T = leadar 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.

AHA, NELAC & WBE/DBE Certified

www.contestlabs.com



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

Sample Receipt Checklist

CLIENT NAME: TRC MA RECEIVED BY: KA DATE: 3/4/09

- 1) Was the chain(s) of custody relinquished and signed? Yes No
- 2) Does the chain agree with the samples? Yes No
If not, explain:
- 3) Are all the samples in good condition? Yes No
If not, explain:

4) How were the samples received:
 On Ice Direct from Sampling Ambient In Cooler(s)
 Were the samples received in Temperature Compliance of (2-6°C)? Yes No
 Temperature °C by Temp blank _____ Temperature °C by Temp gun 3°C

5) Are there Dissolved samples for the lab to filter? Yes No
 Who was notified _____ Date _____ Time _____
 6) Are there any samples "On Hold"? Yes No Stored where: 18D

7) Are there any RUSH or SHORT HOLDING TIME samples? Yes No
 Who was notified _____ Date _____ Time _____

8) Location where samples are stored: 19A
 Permission to subcontract samples? Yes No
 (Walk-in clients only) if not already approved
 Client Signature: _____

Containers sent in to Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz clear jar	24 36
500 mL Amber		4 oz clear jar	<input checked="" type="radio"/> KA
250 mL Amber (8oz amber)		2 oz clear jar	
1 Liter Plastic		Other glass jar	
500 mL Plastic		Plastic Bag / Ziploc	
250 mL plastic		Air Cassette	
40 mL Vial - type listed below		Brass Sleeves	
Colisure / bacteria bottle		Tubes	
Dissolved Oxygen bottle		Summa Cans	
Flashpoint bottle		Regulators	
Encore		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol _____
 # Bisulfate _____ # DI Water _____ Time and Date Frozen: _____
 # Thiosulfate _____ Unpreserved _____

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