



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-23794
 JOB NUMBER: 115058

PROJECT LOCATION: NEW BEDFORD

FIELD SAMPLE #	LAB ID	MATRIX	SAMPLE DESCRIPTION	TEST	Subcontract Lab (if any) Cert. Nos.
WFB-11E 0-1	09B07093	SOIL	Not Specified	pb (mg/kg)dw icp	
WFB-11E 0-1	09B07093	SOIL	Not Specified	solids (percent)	
WFB-11E 1-3	09B07094	SOIL	Not Specified	pb (mg/kg)dw icp	
WFB-11E 1-3	09B07094	SOIL	Not Specified	solids (percent)	
WFB-11F 0-1	09B07095	SOIL	Not Specified	pb (mg/kg)dw icp	
WFB-11F 0-1	09B07095	SOIL	Not Specified	solids (percent)	
WFB-11F 1-3	09B07096	SOIL	Not Specified	pb (mg/kg)dw icp	
WFB-11F 1-3	09B07096	SOIL	Not Specified	solids (percent)	
WFB-11G 0-1	09B07097	SOIL	Not Specified	pb (mg/kg)dw icp	
WFB-11G 0-1	09B07097	SOIL	Not Specified	solids (percent)	
WFB-11G 1-3	09B07098	SOIL	Not Specified	pb (mg/kg)dw icp	
WFB-11G 1-3	09B07098	SOIL	Not Specified	solids (percent)	
WFB-11H 0-1	09B07099	SOIL	Not Specified	pb (mg/kg)dw icp	
WFB-11H 0-1	09B07099	SOIL	Not Specified	solids (percent)	
WFB-11H 1-3	09B07100	SOIL	Not Specified	pb (mg/kg)dw icp	
WFB-11H 1-3	09B07100	SOIL	Not Specified	solids (percent)	
WFC-02E 0-1	09B07085	SOIL	Not Specified	as (mg/kg)dw icp	
WFC-02E 0-1	09B07085	SOIL	Not Specified	solids (percent)	
WFC-02E 1-3	09B07086	SOIL	Not Specified	as (mg/kg)dw icp	
WFC-02E 1-3	09B07086	SOIL	Not Specified	solids (percent)	
WFC-02F 0-1	09B07087	SOIL	Not Specified	as (mg/kg)dw icp	
WFC-02F 0-1	09B07087	SOIL	Not Specified	solids (percent)	
WFC-02F 1-3	09B07088	SOIL	Not Specified	as (mg/kg)dw icp	
WFC-02F 1-3	09B07088	SOIL	Not Specified	solids (percent)	
WFC-02G 0-1	09B07089	SOIL	Not Specified	as (mg/kg)dw icp	
WFC-02G 0-1	09B07089	SOIL	Not Specified	pb (mg/kg)dw icp	
WFC-02G 0-1	09B07089	SOIL	Not Specified	solids (percent)	
WFC-02G 1-3	09B07090	SOIL	Not Specified	as (mg/kg)dw icp	
WFC-02G 1-3	09B07090	SOIL	Not Specified	pb (mg/kg)dw icp	
WFC-02G 1-3	09B07090	SOIL	Not Specified	solids (percent)	
WFC-02H 0-1	09B07091	SOIL	Not Specified	as (mg/kg)dw icp	
WFC-02H 0-1	09B07091	SOIL	Not Specified	solids (percent)	
WFC-02H 1-3	09B07092	SOIL	Not Specified	as (mg/kg)dw icp	
WFC-02H 1-3	09B07092	SOIL	Not Specified	solids (percent)	
WFC-13E 0-1	09B07101	SOIL	Not Specified	pb (mg/kg)dw icp	
WFC-13E 0-1	09B07101	SOIL	Not Specified	solids (percent)	
WFC-13E 1-3	09B07102	SOIL	Not Specified	pb (mg/kg)dw icp	
WFC-13E 1-3	09B07102	SOIL	Not Specified	solids (percent)	



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LOWELL, MA 01852
ATTN: DAVID SULLIVAN

CONTRACT NUMBER:
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PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23794
JOB NUMBER: 115058

Comments :

LIMS BATCH NO. : LIMT-23794

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 analytical issues which affect the usability of the data.

DETAILED CASE NARRATIVE

METHOD SW846-6010 - ADDITIONAL DETAILS

A sample duplicate and matrix spike were performed on sample 09B07085.

Matrix spike recovery is outside control limits for Arsenic. Sample to spike ratio >4:1, therefore a representative recovery may not be obtainable.
Analysis is in control based on LFB and LFB duplicate recovery.

Only As was requested and reported for samples 09B07085 to 09B07088, 09B07091, and 09B07092.
Only Pb was requested and reported for samples 09B07093 to 09B07102.
As and Pb were requested and reported for samples 09B07089 and 09B07090.

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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 LOWELL, MA 01852

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Purchase Order No.:

Project Location: NEW BEDFORD

LIMS-BAT #: LIMIT-23794

Date Received: 3/9/2009

Job Number: 115058

Field Sample #: WFC-02E 0-1

Sample ID: 09B07085 ‡Sampled: 2/17/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Arsenic	mg/kg dry wt	185	03/13/09	OP	3.23			

Field Sample #: WFC-02E 1-3

Sample ID: 09B07086 ‡Sampled: 2/17/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Arsenic	mg/kg dry wt	44.9	03/13/09	OP	2.82			

Field Sample #: WFC-02F 0-1

Sample ID: 09B07087 ‡Sampled: 2/23/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Arsenic	mg/kg dry wt	103	03/13/09	OP	3.14			

Field Sample #: WFC-02F 1-3

Sample ID: 09B07088 ‡Sampled: 2/23/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Arsenic	mg/kg dry wt	31.5	03/13/09	OP	2.84			

Field Sample #: WFC-02G 0-1

Sample ID: 09B07089 ‡Sampled: 2/23/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Arsenic	mg/kg dry wt	69.6	03/13/09	OP	3.13			

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Purchase Order No.:

Project Location: NEW BEDFORD

LIMS-BAT #: LIMIT-23794

Date Received: 3/9/2009

Job Number: 115058

Field Sample #: WFC-02G 1-3

Sample ID: 09B07090 ±Sampled: 2/23/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt	10.0	03/13/09	OP	2.81		

Field Sample #: WFC-02H 0-1

Sample ID: 09B07091 ±Sampled: 2/23/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt	254	03/13/09	OP	3.02		

Field Sample #: WFC-02H 1-3

Sample ID: 09B07092 ±Sampled: 2/23/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt	10.8	03/13/09	OP	2.79		

Analytical Method:
 SW846 3050/6010

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

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 TRC SOLUTIONS - LOWELL
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Purchase Order No.:

Project Location: NEW BEDFORD
 Date Received: 3/9/2009
 Field Sample #: WFB-11E 0-1

LIMS-BAT #: LIMIT-23794
 Job Number: 115058

Sample ID : 09B07093 ±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	149	03/13/09	OP	0.85			

Field Sample #: WFB-11E 1-3

Sample ID : 09B07094 ±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	2910	03/13/09	OP	0.87			

Field Sample #: WFB-11F 0-1

Sample ID : 09B07095 ±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	106	03/13/09	OP	0.99			

Field Sample #: WFB-11F 1-3

Sample ID : 09B07096 ±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	219	03/13/09	OP	0.92			

Field Sample #: WFB-11G 0-1

Sample ID : 09B07097 ±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	116	03/13/09	OP	0.93			

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Purchase Order No.:

Project Location: NEW BEDFORD

LIMS-BAT #: LIMIT-23794

Date Received: 3/9/2009

Job Number: 115058

Field Sample #: WFC-13E 0-1

Sample ID: 09B07101 ‡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	89.6	03/13/09	OP	0.97			

Field Sample #: WFC-13E 1-3

Sample ID: 09B07102 ‡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	122	03/13/09	OP	0.87			

Analytical Method:
 SW846 3050/6010

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Purchase Order No.:

Project Location: NEW BEDFORD

LIMS-BAT #: LIMIT-23794

Date Received: 3/9/2009

Job Number: 115058

Field Sample #: WFB-11E 0-1

Sample ID: 09B07093 ‡Sampled: 2/19/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	88.3	03/12/09	FD			

Field Sample #: WFB-11E 1-3

Sample ID: 09B07094 ‡Sampled: 2/19/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	86.6	03/12/09	FD			

Field Sample #: WFB-11F 0-1

Sample ID: 09B07095 ‡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	03/12/09	FD			

Field Sample #: WFB-11F 1-3

Sample ID: 09B07096 ‡Sampled: 2/19/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	81.8	03/12/09	FD			

Field Sample #: WFB-11G 0-1

Sample ID: 09B07097 ‡Sampled: 2/19/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	81.1	03/12/09	FD			

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Purchase Order No.:

Project Location: NEW BEDFORD

LIMS-BAT #: LIMIT-23794

Date Received: 3/9/2009

Job Number: 115058

Field Sample #: WFB-11G 1-3

Sample ID: 09B07098 ‡Sampled: 2/19/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	87.0	03/12/09	FD			

Field Sample #: WFB-11H 0-1

Sample ID: 09B07099 ‡Sampled: 2/19/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	97.4	03/12/09	FD			

Field Sample #: WFB-11H 1-3

Sample ID: 09B07100 ‡Sampled: 2/19/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	43.6	03/12/09	FD			

Field Sample #: WFC-02E 0-1

Sample ID: 09B07085 ‡Sampled: 2/17/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	77.6	03/12/09	FD			

Field Sample #: WFC-02E 1-3

Sample ID: 09B07086 ‡Sampled: 2/17/2009
 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			

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Purchase Order No.:

Project Location: NEW BEDFORD
 Date Received: 3/9/2009
 Field Sample #: WFC-02F 0-1

LIMS-BAT #: LIMIT-23794
 Job Number: 115058

Sample ID: 09B07087 ±Sampled: 2/23/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	79.7	03/12/09	FD			

Field Sample #: WFC-02F 1-3

Sample ID: 09B07088 ±Sampled: 2/23/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	88.2	03/12/09	FD			

Field Sample #: WFC-02G 0-1

Sample ID: 09B07089 ±Sampled: 2/23/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	79.9	03/12/09	FD			

Field Sample #: WFC-02G 1-3

Sample ID: 09B07090 ±Sampled: 2/23/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	89.0	03/12/09	FD			

Field Sample #: WFC-02H 0-1

Sample ID: 09B07091 ±Sampled: 2/23/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	83.0	03/12/09	FD			

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Purchase Order No.:

Project Location: NEW BEDFORD

LIMS-BAT #: LIMIT-23794

Date Received: 3/9/2009

Job Number: 115058

Field Sample #: WFC-02H 1-3

Sample ID: 09B07092 ‡Sampled: 2/23/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	89.8	03/12/09	FD			

Field Sample #: WFC-13E 0-1

Sample ID: 09B07101 ‡Sampled: 2/19/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	78.1	03/12/09	FD			

Field Sample #: WFC-13E 1-3

Sample ID: 09B07102 ‡Sampled: 2/19/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	86.7	03/12/09	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-23794

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QC Batch Number: ICP-21345

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B07085	Arsenic	Sample Amount	185.09	mg/kg dry wt	
		Duplicate Value	173.73	mg/kg dry wt	
		Duplicate RPD	6.33	%	0-35
		Sample Amount	185.09	mg/kg dry wt	
		Matrix Spk Amt Added	32.21	mg/kg dry wt	
		MS Amt Measured	230.56	mg/kg dry wt	
		Matrix Spike % Rec.	141.13	%	75-125
BLANK-130561	Arsenic	Blank	<2.50	mg/kg dry wt	
	Lead	Blank	<0.75	mg/kg dry wt	
LFBLANK-92750	Arsenic	Lab Fort Blank Amt.	123.00	mg/kg dry wt	
		Lab Fort Blk. Found	117.03	mg/kg dry wt	
		Lab Fort Blk. % Rec.	95.14	%	80-120
		Dup Lab Fort Bl Amt.	123.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	120.90	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	98.29	%	80-120
		Lab Fort Blank Range	3.14	units	
		Lab Fort Bl. Av. Rec	96.71	%	
		LFB Duplicate RPD	3.25	%	0-30
	Lead	Lab Fort Blank Amt.	136.00	mg/kg dry wt	
		Lab Fort Blk. Found	120.89	mg/kg dry wt	
		Lab Fort Blk. % Rec.	88.88	%	82-118
		Dup Lab Fort Bl Amt.	136.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	125.24	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	92.08	%	82-118
		Lab Fort Blank Range	3.19	units	
		Lab Fort Bl. Av. Rec	90.48	%	
		LFB Duplicate RPD	3.53	%	0-30



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

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-23794

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 #: <u>LIMIT-23794</u>
Project Location: <u>NEW BEDFORD</u>	MADEP RTN ¹ :

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

09B07085-09B07102

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: <u>Edward Denson</u>	Position: Technical Director
Printed Name: Edward Denson	Date: <u>3/13/09</u>



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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, Walsh Field

Sampled By: H. Eizza & K. Kitchin

Proposal Provided? (For Billing purposes) yes no

State Form Required? Yes no

Proposal date _____

DATA DELIVERY (check one):
 FAX EMAIL WEBSITE CLIENT

Fax # _____

Email: Sullivan@resolutions.com

Format: EXCEL PDF GIS KEY

OTHER

eid ID	Sample Description	Lab #	Date/Time	Step Date/Time	Comp-site	Grab	*Matrix Conc.		ANALYSIS REQUESTED	# of containers
							Code	Code		
WF B11-F (1-3)		D98	07096	2/19/09 1435	X	X	S	S	Lead	1
WF B11-E (0-1)		07093	07093	1455	X	X	S	S	Lead	1
WF B11-E (1-3)		07094	07094	1500	X	X	S	S	Whole	1
WF B11-A (0-1)				1505	X	X	S	S	Whole	1
WF B11-A (1-3)		#ms/msd		1510	X	X	S	S		1
WF B11-D (1-3)				1610	X	X	S	S		1
WF B11-C (0-1)				1520	X	X	S	S		1
WF B11-C (1-3)				1525	X	X	S	S		1

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

Abandoned by (signature) _____ Date/Time: 2/19/09 1613

Received by (signature) _____ Date/Time: 2/19/09 1613

Abandoned by (signature) _____ Date/Time: 2/19/09 1640

Received by (signature) _____ Date/Time: 2/19/09 1810

Abandoned by (signature) _____ Date/Time: 2/19/09 1810

Received by (signature) _____ Date/Time: 2/19/09 1810

Abandoned by (signature) _____ Date/Time: 2/19/09 1810

Received by (signature) _____ Date/Time: 2/19/09 1810

Abandoned by (signature) _____ Date/Time: 2/19/09 1810

Received by (signature) _____ Date/Time: 2/19/09 1810

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 81/52

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 = lead
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
O = Other

Comments: IRB

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.



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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

Attention: Dave Sullivan

Object Location: New Bedford, Nalsh Field
 Sampled By: H. G224 + K Kitchin

Proposal Provided? (For Billing purposes)
 yes no

State Form Required?
 yes no

DATA DELIVERY (check one):
 FAX EMAIL WEBSITE CLIENT

Format: EXCEL PDF GIS KEY

Other: OTHER

EID ID	Sample Description	Lab #	Date Sampled		Comp- osite	Grab	*Matrix Code	Conc. Code	ANALYSIS REQUESTED	# of containers
			Start Date/Time	Stop Date/Time						
WFA11-F (1-3)		09B	2/19/09	1200	X	X	S	S	Lead	1
WFB11-H (0-1)				1340	X	X	S	S	Lead	1
WFB11-H (1-3)		07100		1345	X	X	S	S	Hold	1
WFB11-H (1-3)				1355	X	X	S	S	Hold	1
WFB11-D (6-1)				1400	X	X	S	S	Hold	1
WFB11-B (0-1)				1415	X	X	S	S	Hold	1
WFB11-B (1-3)				1420	X	X	S	S	Hold	1
WFB11-F (0-1)			2/19/09	1430	X	X	S	S	Hold	1

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 **
 7-Day
 10-Day
 Other Day
 RUSH *

Detection Limit Requirements
 Regulations? MCP S1/S2

*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

Sitiquished by: (signature) [Signature] Date/Time: 2/19/09 1613
 Received by: (signature) [Signature] Date/Time: 2/19/09 1613
 Sitiquished by: (signature) [Signature] Date/Time: 2/19/09 1840
 Received by: (signature) [Signature] Date/Time: 2/19/09 1840

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.



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 Email: info@contestlabs.com
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CHAIN OF CUSTODY RECORD
 Limit-23794

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

Company Name: TRC Environmental

Address: 650 Suffolk Street

Attention: Lowelle, MA 01854

Dave Sullivan

Project Location: Walsh Field, New Bedford

Sampled By: E. Wachter + K. K. Ryan

Proposal Provided? (For Billing purposes) yes no

State Form Required? yes no

Telephone: (718) 970-5600
 Project # 115058
 Client PO # _____

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

Field ID	Sample Description	Lab #	Start Date/Time	Step Date/Time	Comp. o/site	Grab	Matrix Conc. Code Code
	WFB2-H (0-1)	09B	2/17/09	1430	X		S
	WFB2-H (1-3)			1435	X		S
	WFC2-A (0-1)			1530	X		S
	WFC2-A (1-3)			1535	X		S
	WFC2-E (0-1)	03085		1545	X		S
	WFC2-E (1-3)	03086		1550	X		S

Hold all remaining aliquots for possible TELD

Please use the following codes to let Cont-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:

Relinquished by (signature): [Signature] Date/Time: 2/17/09 1600
 Received by (signature): [Signature] Date/Time: 2-17-9 1600
 Relinquished by (signature): [Signature] Date/Time: 2-17-9 1818
 Received by (signature): [Signature] Date/Time: 2/17/09 1818

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

Detection Limit Requirements
 Regulations? MCLP 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 = Iced
 H = HCl
 M = Methanol
 N = Nitric Acid
 S = Sulfuric Acid
 B = Sodium bisulfate
 O = Other
 X = Na hydroxide
 T = Na thiosulfate

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

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



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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: (413) 636-3525
 Project # 115055
 Client PO #

Attention: David Sullivan

Project Location: City of NB (W154)

Sampled By: J. Saunders / W. Keitz

Proposal Provided? (For Billing purposes)
 yes 2007 proposal date yes no State Form Required?

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

Field ID	Sample Description	Lab #	Start Date/Time	Seep Date/Time	Comp-ostle	Grab	Matrix Code	Conc. Code	ANALYSIS REQUESTED	# of containers
	WFC-26 (0-1)	(H&D)*	070859	1415	6	S	U		Total Arsenic	1
	WFC-26 (1-3)	(H&D)*	070900	1420					Total Lead	1
	WFC-22 (0-1)	*		1440					Arsenic + Lead	1
	WFC-22 (1-3)	*		1445					Arsenic	1
	WFC-21 (1-3)	*		1435						
	WFC-21 (0-1)	(H&D)*	070901	1505						
	WFC-21 (1-3)	(H&D)*	070902	1510						

CA

Please use the following codes to let Cont-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: 01/23/09 1600

Received by: (signature) _____ Date/Time: 01/23/09 1600

Relinquished by: (signature) _____ Date/Time: 01/23/09 1800

Received by: (signature) _____ Date/Time: 01/23/09 1900

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

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

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

Data Enhancement Project/RCP? Y N

Special Requirements or DLS: See Q16

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

Comments:
 * Hold 5mg vials for possible TCLP analysis pending funding. 1/23/09 WSK/JS

18E

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



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 www.cqtestlabs.com

CHAIN OF CUSTODY RECORD

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

Party Name: TRC Environmental

Address: 650 Suffolk Street Lowell, MA 01854

Person: David Sullivan

Project Location: New Bedford, MA

Requested By: C. Foster, R. Wilcox

Proposal Provided? (For Billing purposes) yes no

State Form Required? yes no

LIMIT-23794

Telephone: 978 970-5600

Project # 115058.0000

Client PO #

DATA DELIVERY (check one):

FAX EMAIL WEBSITE CLIENT

Fax #: dsullivan@trcslab.com

Email: dsullivan@trcslab.com

Format: EXCEL PDF GIS KEY

OTHER

ID	Sample Description	Lab #	Start Date/Time	Stop Date/Time	Comp. Site	Grab	Matrix Code	Conc. Code	Lead	Lead	ANALYSIS REQUESTED	# of containers
	WFC13E-0-1 (HOLD)	07161	2/19/09	1245	X		S		X	X		1
	WFC13E-1-3 (HOLD)	07102			X		S		X	X		1
	WFC13A-0-1			1250	X		S		X	X		1
	WFC13A-1-3			1315	X		S		X	X		1
	WFC13A-1-3			1320	X		S		X	X		1
	WFC13C-0-1			1215	X		S		X	X		1
	WFC13C-1-3			1340	X		S		X	X		1
	WFC13C-1-3			1345	X		S		X	X		1
	WFC13E-0-1 (HOLD)			1355	X		S		X	X		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

Detection Limit Requirements

Regulations? MSR 5-1/5-2

Data Enhancement Project/RCP? Y N

Special Requirements or DLS: See quote

Require lab approval

Matrix Code:	Preservation Codes:
GW = groundwater	I = Iced
WW = wastewater	H = HCl
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

Signature: [Signature] Date/Time: 2-19-09 1607

Signature: [Signature] Date/Time: 2-19-09 1615

Signature: [Signature] Date/Time: 2-19-09 1840

Signature: [Signature] Date/Time: 2-19-09 1850

Turnaround **

7-Day

10-Day

Other Day

RUSH *

*24-Hr *48-Hr

*72-Hr *4-Day

Client: Hold

Comments: Hold

17

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

AIHA, NELAP & WBE/DBE Certified



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 Email: info@conestlabs.com
 www.conestlabs.com

CHAIN OF CUSTODY RECORD

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

Company Name: TRC
 Address: 650 SUFFOLK ST.
AVELL MA. 01834
 Attention: DAVID SULLIVAN

Telephone: (978) 970-5700
 Project # 115058
 Client PO # _____

Project Location: NUMBERED FOR WILSH FIELD
 Sampled By: H. K. KIRBY

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

Proposal Provided? (For Billing purposes)
 yes no

Date Sampled
 Start Date/Time: 2/24/09 1130
 Stop Date/Time: _____
 Matrix Code: _____

Field ID	Sample Description	Lab #	Date Sampled	Comp- osite	Grab	Code	Matrix Code	Conc. Code	Analysis Requested	Cont. Code	Preservation	# of containers
WFST-2H(1-3)	HOLD	098	2/24/09 1130	X	X	S			Arsenic Lead (HOLD)			
WF64-A(0-1)		05601/10	1200	X	X	S						
WF64-A(1-3)		05602/11	1205	X	X	S						
WF64-E(0-1)	HOLD	05603/12	1220	X	X	S						
WF64-E(1-3)	HOLD	05604/13	1225	X	X	S						
WF64-B(0-1)		05605/14	1230	X	X	S						
WF64-B(1-3)		05606/15	1235	X	X	S						
WF64-I(1-3)		05607/16	1335	X	X	S						

Laboratory Comments: HOLD all remaining aliquots of soil for possible TSCP analysis pending results. *EM for David Sullivan

Received by: (signature) [Signature] Date/Time: 2/24/09 1630
 Retinquished by: (signature) [Signature] Date/Time: 2-24-9 1630
 Received by: (signature) [Signature] Date/Time: 2/24/09 1845
 Retinquished by: (signature) [Signature] Date/Time: 2/24/09 1845

Turnaround **
 7-Day 10-Day Other: 5-DAY RUSH
 *24-Hr *48-Hr *72-Hr *4-Day

Detection Limit Requirements
 Regulations? WCF SI/52
 Data Enhancement Project/RCP? Y N
 Special Requirements or DL's: _____

Matrix Code: _____
 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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 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 Saffolk St., Lowell MA
 Attention: Dave Sullivan

Telephone: (978) 970-8000
 Project # 1152058
 Client PO # _____

Project Location: New Bedford, Walsfield
 Sampled By: H. Rizzza + K. Kitchin

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

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	ANALYSIS REQUESTED		# of containers
			Start Date/Time	Stop Date/Time					PAHs	Dibenzofuran	
		09B									
WF84-F (0-1)	Hold		2/24/09	1300	X	S	V				
WF84-F (1-3)	Hold			1305	X	S	V				
WF84-C (6-1)		05606/15		1325	X	S	V				
WF84-C (1-3) * no lead		05607/16		1350	X	S	V				
WF84-G (0-1)	Hold			1345	X	S	V				
WF84-G (1-3)	Hold			1350	X	S	V				
WF84-D (0-1)		05608/17		1350	X	S	V				
WF84-D (1-3)		05609/18		1415	X	S	V				

Laboratory Comments: X EPA per David Sullivan KO 8/185

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 1845

Received by: (signature) 3-cv Date/Time: 2/24/09 1845

Turnaround **
 7-Day
 10-Day
 RUSH*

Regulations? MCP 51/52

Data Enhancement Project/RCF? Y N

Special Requirements or DL's: _____

Matrix Code: _____

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

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



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CHAIN OF CUSTODY RECORD

LIMT-23794

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 W3 (Leish)
 Sampled By: J. Saunders/H. RIZZO

Proposal Provided? (For Billing purposes)
 Yes 2007 proposal date State Form Required?

Telephone: 650-3525
 Project # 115055
 Client PO #

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

Field ID	Sample Description	Lab #	Start Date/Time	Stop Date/Time	Comp-oste	Grab	Matrix Code	Conc. Code
	Post-3X (54-60)	091B					S	u
	Post-3X (60-66)		2/23/04	1150			S	u
	WFC-2B (0-1)			1315			X	X
	WFC-2B (1-3)			1320			X	X
	WFC-2F (0-1) (Hold)	07087		1325			X	X
	WFC-2F (1-3) (Hold)	07088		1330			X	X
	WFC-2C (0-1)			1359			X	X
	WFC-2C (1-3) (Hold)		2/23/04	1355			X	X

Date Sampled	Start Date/Time	Stop Date/Time	Comp-oste	Grab	Matrix Code	Conc. Code

ANALYSIS REQUESTED	# of containers	**Preservation	-Cont. Code	-Cont. Code:
Total Arsenic	1	I		A=amber glass
Total Lead	1	I		G=glass
Arsenic				P=plastic
				ST=sterile
				V=vial
				S=summary can
				T=lecliar 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

Relinquished by (signature): _____ Date/Time: 2/23/04 1600
 Received by (signature): _____ Date/Time: 2/23/04 1600
 Relinquished by (signature): _____ Date/Time: _____
 Received by (signature): _____ Date/Time: 2/23/04 1600

Turnaround **
 7-Day
 10-Day
 Other: RUSH
 *24-Hr *48-Hr
 *72-Hr *4-Day

Detection Limit Requirements
 Regulations? MS-1/15-2
 Data Enhancement Project/RCP? Y N
 Special Requirements or DL's: See Rpt

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.

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CHAIN OF CUSTODY RECORD
 Lim 1-063777
 2-3659

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

Page 3 of 5

Company Name: TRC
 Address: 650 Sullivan St Lowell, MA
 Attention: David Sullivan

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

Object Location: New Bedford - Wreck
 Sampled By: C. Foster / K. K. Harkin

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

Proposal Provided? (For Billing purposes)
 Yes No proposal date _____ 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
	WFE-S-G (1-3) HOLD	098	2/23/09	1055	1125	X	S	U	Cd + Pb PAH (BAP) PAH	HOLD	HOLD
	WFE-S-G (0-1) HOLD	06379			1130					HOLD	HOLD
	WFE-S-G (1-3) HOLD	06380			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) msl/dup				1210						
	WFE-S-E (0-1) HOLD	06381									

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

Signature: _____ Date/Time: 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 5
 *24-Hr *48-Hr *72-Hr *4-Day
 *Require lab approval

Detection Limit Requirements
 Regulations? MCP 5-1/5-2
 Data Enhancement Project/RCP? N
 Special Requirements or DL's: _____

Matrix Code: _____ 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

ANALYSIS REQUESTED

of containers: _____
 **Preservation _____

Cont. Code:
 A - amber glass
 G - glass
 P - plastic
 ST - sterile
 V - vial
 S - sunbath can
 T - leaded 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
 Project Location: City of New Bedford (Walsh)
 Sampled By: Bob Sullivan Charlie Esch

Proposal Provided? (For Billing purposes) yes no
 State Form Required? yes no
 Proposal date: 11/14/09

Client PO # _____
 Telephone: 978 970 5600
 Project # 115058
 Limit # 03572

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

Field ID	Sample Description	Lab #	Start Date/Time	Stop Date/Time	Comp. Grab	Matrix Code	Conc. Code	ANALYSIS REQUESTED				Client Comments:	
WF67-E (0-1)		CAB	2-26-09	1155	X	U	U						
WF67-E (1-3)			2-26-09	1200	X	U	U						
WF67-F (0-1)			2-26-09	1115	X	U	U						
WF67-F (1-3)			2-26-09	1120	X	U	U						
WF67-G (0-1)			2-26-09	1125	X	U	U						
WF67-G (1-3)			2-26-09	1130	X	U	U						
WF67-H (0-1)			2-26-09	1030	X	U	U						
WF67-H (1-3)			2-26-09	1035	X	U	U						

Laboratory Comments: Please Hold Sample Awaiting Ser Results with TCLP

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

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

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

Turnaround: 7-Day 10-Day Other Same Day

Detection Limit Requirements: AWP 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, N = Nitric Acid, M = Methanol, S = Sulfuric Acid, B = Sodium bisulfate, O = Other



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CHAIN OF CUSTODY RECORD
LM1-23308

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

Page 4 of 6

Company Name: TRC
Address: 630 Suffolk St.
Lowell, MA
David Sullivan

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

Attention: David Sullivan

Project Location: New Bedford, MA

Sampled By: C. Foster / M. Kitching

Proposal Provided? (For Billing purposes) yes no

proposal date _____

State Form Required? yes no

DATA DELIVERY (check one):

FAX EMAIL WEBSITE CLIENT

Fax # _____

Email: dsullivan@hesseltaylor.com

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 #

Date/Time

Date/Time

Matrix | Conc. Code

Field ID

Sample Description

Lab #

Date/Time

Date/Time

Matrix | Conc. Code

Field ID

Sample Description

Lab #

Date/Time

Date/Time

Matrix | Conc. Code

Field ID

Sample Description

Lab #

Field ID	Sample Description	Lab #	Date/Time	Date/Time	Comp- osite	Grab	Matrix Conc. Code	Code	Code	ANALYSIS REQUESTED	Cont. Code	# of containers
SB-355 (7.5)	HAZ	099B	2/16/09	2/16/09	X	X	S	U	U	PAHs (82700)	A	1
SB-356 (0-1)			2/16/09	2/16/09	X	X	S	U	U	metals + Hg (MCP)	G	1
SB-356 (1-2)			2/16/09	2/16/09	X	X	S	U	U	MCP metals		
SB-356 (3-5)			2/16/09	2/16/09	X	X	S	U	U			
SB-356 (6-5)			2/16/09	2/16/09	X	X	S	U	U			
SB-356 (6-5)	HAZ		2/16/09	2/16/09	X	X	S	U	U			
SB-357 (0-1)			2/16/09	2/16/09	X	X	S	U	U			
SB-357 (1-2)			2/16/09	2/16/09	X	X	S	U	U			

Laboratory Comments: * Wild cell remaining soil aliquots for possible TELP analysis pending results

Relinquished by: (signature) _____ Date/Time: 2/16/09 1545

Received by: (signature) _____ Date/Time: 2/16/09 1545

Relinquished by: (signature) _____ Date/Time: 2/16/09 1815

Received by: (signature) _____ Date/Time: 2/16/09 1815

Turnaround **

7-Day

10-Day

Other

RUSH *

*24-Hr *48-Hr

*72-Hr *4-Day

Require lab approval

Detection Limit Requirements

Regulators? S-1/S-2

Data Enhancement Project/RCP? Y N

Special Requirements or DL's: _____

**Matrix Code:

GW = groundwater

WW = wastewater

DW = drinking water

A = air

S = soil/solid

SL = sludge

O = other

**Preservation Codes:

I = Iod

H = HCl

M = Methanol

N = Nitric Acid

S = Sulfuric Acid

B = Sodium bisulfate

O = Other

X = Na hydroxide

T = Na thiosulfate

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

AIHA, NELAP & WAFDRF Certified



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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

Attention: Lowell MA 01854

Dave Sullivan

Project Location: Marsh Field New Bedford

Sampled By: E. Wachtel and K. Griffin

Proposal Provided? (For Billing purposes) yes no

State Form Required? yes no

Telephone: (418) 970-5200
 Project # 115058
 Client PO # _____

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

Field ID	Sample Description	Lab #	Date Sampled	Start Date/Time	Stop Date/Time	Comp-site	Grab	Matrix Code	Conc. Code
	Post-1A (0-1')		850	1/7/09	915	X		S	
	Post-1A (1-3')		900		915	X		S	
	Post-1E (0-1')		910		915	X		S	
	Post-1E (1-3)		915		915	X		S	
	Post-1B (0-1)		920		925	X		S	
	Post-1B (1-3)		925		935	X		S	
	Post-1F (0-1)		935		940	X		S	
	Post-1F (1-3)		940			X		S	

laboratory Comments: Hold all remaining aliquots for possible TCLP analysis

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*
 *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
 N = Methanol
 S = Nitric Acid
 B = Sulfuric Acid
 O = Other

X = Na hydroxide
 T = Na thiosulfate

ANALYSIS REQUESTED

Arsenic
 Lead
 Lead

of containers
 **Preservation
 -Cont. Code
 -Cont. Code:
 A=amber glass
 G=glass
 P=plastic
 ST=sterile
 V=vial
 S=summary can
 T=teardrop 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: * Please hold out samples for Lead analysis that are stored

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...



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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: Walsh Field, New Bedford

Sampled By: E. Wainhill + K. Jordan

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@hydrochem.com
 Format: EXCEL PDF GIS KEY
 OTHER _____

Field ID	Sample Description	Lab #	Date Sampled	Start Date/Time	Stop Date/Time	Comp-oste	Grab	Matrix Code	Conc. Code
	Post-1C (0-1)		2/17/09	955	1000	X		S	S
	Post-1C (1-3)				1005	X		S	S
	Post-1G (0-1)				1010	X		S	S
	Post-1G (1-3)				1100	X		S	S
	Post-1D (0-1)				1020	X		S	S
	Post-1D (1-3)				1035	X		S	S
	Post-1H (0-1)				1035	Y		S	S

laboratory Comments: Hold all remaining aliquots for analysis

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 CORRECTLY...

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

* Require lab approval

Detection Limit Requirements
 Regulations? MSP 5-15-2
 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
 O = Other

Analysis Requested	As	Pb	Cd	Cu	Cr	Mn	Ni	Se	V	Zn
As	X	X	X	X	X	X	X	X	X	X
Pb	X	X	X	X	X	X	X	X	X	X
Cd	X	X	X	X	X	X	X	X	X	X
Cu	X	X	X	X	X	X	X	X	X	X
Cr	X	X	X	X	X	X	X	X	X	X
Mn	X	X	X	X	X	X	X	X	X	X
Ni	X	X	X	X	X	X	X	X	X	X
Se	X	X	X	X	X	X	X	X	X	X
V	X	X	X	X	X	X	X	X	X	X
Zn	X	X	X	X	X	X	X	X	X	X

Client: _____
 Comments: As, Pb, Cd, Cu, Cr, Mn, Ni, Se, V, Zn

of containers: _____
 **Preservation: _____
 -Cont. Code: _____
 -Cont. Code: _____
 -Cont. Code: _____
 -Cont. Code: _____



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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

Project Location: New Bedford, Marsh Field
 Sampled By: H. Cizza & K. Kitchin

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
 Email: D.Sullivan@TRCSolutions.com
 Format: EXCEL PDF GIS KEY

Field ID	Sample Description	Lab #	Date Sampled	Start Date/Time	Sleep/Batter/Time	Comp-ostile	Grab	Matrix Code	Conc. Code
POST-2A	(0-1)	OSS92	2/24/09	0910		X	X	S	U
POST-2A	(1-3)	OSS93		0915		X	X	S	U
POST-2E	(0-1)	HOLD		0930		X	X	S	U
POST-2E	(1-3)	HOLD		0935		X	X	S	U
POST-2B	(0-1)	OSS94		0945		X	X	S	U
POST-2B	(1-3)	OSS95		0950		X	X	S	U
POST-2F	(0-1)	HOLD		0955		X	X	S	U
POST-2F	(1-3)	HOLD		1000		X	X	S	U

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

Reinquinshed by: (signature) [Signature] Date/Time: 2/24/09 1630

Received by: (signature) [Signature] Date/Time: 2/27/09 1650

Reinquinshed by: (signature) [Signature] Date/Time: 2/27-8 1845

Received by: (signature) [Signature] Date/Time: 2/24/09 1645

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

Regulations? WSP SI/52

Data Enhancement Project/FCP? 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

Client Comments: ED

** 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: Jane Sullivan

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

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

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

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-ostile	Grab	Matrix Conc. Code	Matrix Conc. Code	Analysis Requested	Matrix Code	Preservation Codes	Client Comments
POST-2E (1-3)		05596	2/24/09	1120	1015	X	S	S	S	As Arsenic			
POST-2C (0-1)		05597			1015	X	S	S	S	Lead (HOLD)			
POST-2C (1-3)		05598			1020	X	S	S	S	Arsenic + Lead			
POST-2E (0-1)	HOLD				1030	X	S	S	S	Lead			
POST-2E (1-3)	HOLD				1035	X	S	S	S				
POST-2D (0-1)		05599			1050	X	S	S	S				
POST-2D (1-3)	trans/mobd	05600			1050	X	S	S	S				
POST-2H (0-1)	HOLD				1125	X	S	S	S				

Laboratory Comments: HOLD All remaining aliquots of soil for possible TCE analysis pending results.

Relinquished by: (signature) [Signature] Date/Time: 2/24/09 1630

Received by: (signature) [Signature] Date/Time: 2/24/09 1630

Relinquished by: (signature) [Signature] Date/Time: 2/24/09 1646

Received by: (signature) [Signature] Date/Time: 2/24/09 1645

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

Detection Limit Requirements
 Regulations? MRP SI/SL
 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

** 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

Company Name: TRC
 Address: USO SULLIVAN SP
Lowell MA 01854
 Attention: Dave Sullivan

Telephone: (478) 970-5668
 Project # 115 058
 Client PO # _____

Project Location: New Bedford Water Street
 Sampled By: Bob DeLeon Charlie Seaman

Proposal Provided? (For Billing purposes)
 Yes No
 Proposal date: 1/11/09

State Form Required?
 Yes No

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

ID	Sample Description	Lab #	Date Sampled		Comp- osite	Grab	*Matrix Conc. Code Code	ANALYSIS REQUESTED	# of containers
			Start Date/Time	Stop Date/Time					
SB-235 E (0-1)			2-20-09	13:35		X	S	Lead	1
SB-233 F (1-3)			2-20-09	12:46		X	S	cadmium	1
SB-233 H (0-1)			2-20-09	13:55		X	S	ON Hold	1
SB-233 H (1-3)			2-20-09	14:00		X	S	ON Hold	1
SB-233 D (0-1)			2-20-09	14:15		X	S	ON Hold	1
SB-233 D (1-3)			2-20-09	14:20		X	S	ON Hold	1
SB-233 F (0-1)			2-20-09	14:55		Y	S	ON Hold	1
SB-233 F (1-3)			2-20-09	15:00		X	S	ON Hold	1

Notes: Had All output of soil for possible TCEP analysis

Lab # 182

Requested by: (signature) [Signature] Date/Time: 02/20/09 16:00
 Analyzed by: (signature) [Signature] Date/Time: 02-20-09 16:05
 Released by: (signature) [Signature] Date/Time: 2-20-09 18:20
 Director: (signature) [Signature] Date/Time: 2/20/09 18:20

Turnaround **
 7-Day
 10-Day
 Other 5 day
 RUSH *
 *24-Hr *48-Hr
 *72-Hr *4-Day

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/soil, SL = sludge, O = other

**Preservation Codes: I = iod, 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 DIRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.



Phone: 413-525-2392
 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 St Lowell MA 01854

Attention: David Sullivan

Object Location: Area Bedford Walsh Field
 Impl'd By: Bob Felin, Cheryl Foster

Proposal Provided? (For Billing purposes)
 yes 1/11/09 proposal date
 State Form Required? yes no

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

DATA DELIVERY (check one):
 FAX EMAIL WEBSITE CLIENT
 Fax #:
 Email: David Sullivan P TRC Solutions
 Format: EXCEL PDF GIS KEY
 OTHER

Sld ID	Sample Description	Lab #	Date Sampled		Comp- osite	Grab	*Matrix Code Code	ANALYSIS REQUESTED	# of containers
			Start Date/Time	Stop Date/Time					
	WFALC-H (0-1)		2-20-09	955	X	S	Lead		
	WFALC-H (1-3)		2-20-09	1000	X	S	Lead		
	WFALC-D (0-1)		2-20-09	1015	X	S	Lead		
	WFALC-D (1-3)		2-20-09	1020	X	S	Lead		
	WFALC-B (0-1)		2-20-09	1035	X	S	Lead		
	WFALC-F (0-1)		2-20-09	1046	X	S	Lead		
	WFALC-F (0-1)		2-20-09	1057	X	S	Lead		
	WFALC-F (1-3)		2-20-09	1100	X	S	Lead		

Laboratory Comments: Hold all remaining aliquots of Soil for possible TCLP analysis

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:

Inquired by: (signature) [Signature] Date/Time: 02/20/09 1600

Sealed by: (signature) [Signature] Date/Time: 2-20-09 1605

Inquired by: (signature) [Signature] Date/Time: 2-20-09 1820

Sealed by: (signature) [Signature] Date/Time: 2/20/09 1820

Turnaround **
 7-Day
 10-Day
 Other SLW
 RUSH *
 *24-Hr *48-Hr
 *72-Hr *4-Day

Detection Limit Requirements
 Regulations? MR SL, SA

*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

URNAROUND 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 \(Lowell,MA-US\)](mailto: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



PARTNER OF THE YEAR

TRC
Wannalancit Mills
650 Suffolk Street
Lowell, Massachusetts 01854

978-656-3565 phone
978-453-1995 fax
978-758-2809 cell
dsullivan@trcsolutions.com

From: 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

Cc: 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
Post 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

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Andrea Anderson

From: <tferrentino@contestlabs.com>
To: "Andrea Anderson" <AAnderson@contestlabs.com>
Sent: Tuesday, March 10, 2009 10:44 AM
Subject: Fw: More Hold Authorizations.

Andrea,
Can you pull the on-hold COC's and get the below samples activated for me.
Thanks,
Theresa

----- 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 ; Silverman, Diane (Lowell,MA-US)
Sent: Tuesday, March 10, 2009 10:37 AM
Subject: More Hold Authorizations.

Theresa:

Please also take the following samples off hold.

WFD-6E 0-1 lead and cadmium
WFD-6E 1-3 lead and cadmium
WFD-6H 0-1 lead and cadmium
WFD-6H 1-3 lead and cadmium

Thanks,

-Dave

David M. Sullivan, LSP, CHMM
Senior Project Manager



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