



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

REPORT DATE 3/3/2009

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

CONTRACT NUMBER:  
PURCHASE ORDER NUMBER:

PROJECT NUMBER:

#### ANALYTICAL SUMMARY

LIMS BAT #: LIMIT-23465

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-3X (12-18)	09B05320	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3X (12-18)	09B05320	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3X (12-18)	09B05320	SOIL	Not Specified	solids (percent)	
POST-3X (18-24)Q	09B05321	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3X (18-24)Q	09B05321	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3X (18-24)Q	09B05321	SOIL	Not Specified	solids (percent)	
POST-3X (24-30)	09B05322	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3X (24-30)	09B05322	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3X (24-30)	09B05322	SOIL	Not Specified	solids (percent)	
POST-3X (30-36)	09B05323	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3X (30-36)	09B05323	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3X (30-36)	09B05323	SOIL	Not Specified	solids (percent)	
POST-3X (36-42)	09B05324	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3X (36-42)	09B05324	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3X (36-42)	09B05324	SOIL	Not Specified	solids (percent)	
POST-3X (42-48)	09B05325	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3X (42-48)	09B05325	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3X (42-48)	09B05325	SOIL	Not Specified	solids (percent)	
POST-3X (48-54)	09B05326	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3X (48-54)	09B05326	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3X (48-54)	09B05326	SOIL	Not Specified	solids (percent)	
POST-3X (54-60)	09B05327	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3X (54-60)	09B05327	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3X (54-60)	09B05327	SOIL	Not Specified	solids (percent)	
POST-3X (6-12)	09B05319	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3X (6-12)	09B05319	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3X (6-12)	09B05319	SOIL	Not Specified	solids (percent)	
POST-3X (60-66)	09B05328	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3X (60-66)	09B05328	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3X (60-66)	09B05328	SOIL	Not Specified	solids (percent)	
WFC-2B (0-1)	09B05329	SOIL	Not Specified	as (mg/kg)dw icp	
WFC-2B (0-1)	09B05329	SOIL	Not Specified	pb (mg/kg)dw icp	
WFC-2B (0-1)	09B05329	SOIL	Not Specified	solids (percent)	
WFC-2B (1-3)	09B05330	SOIL	Not Specified	as (mg/kg)dw icp	
WFC-2B (1-3)	09B05330	SOIL	Not Specified	pb (mg/kg)dw icp	
WFC-2B (1-3)	09B05330	SOIL	Not Specified	solids (percent)	
WFC-2C (0-1)	09B05331	SOIL	Not Specified	as (mg/kg)dw icp	
WFC-2C (0-1)	09B05331	SOIL	Not Specified	pb (mg/kg)dw icp	
WFC-2C (0-1)	09B05331	SOIL	Not Specified	solids (percent)	



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#### ANALYTICAL SUMMARY

LIMS BAT #: LIMIT-23465

JOB NUMBER: 115058

WFC-2C (1-3)QC	09B05332	SOIL	Not Specified	as (mg/kg)dw icp
WFC-2C (1-3)QC	09B05332	SOIL	Not Specified	pb (mg/kg)dw icp
WFC-2C (1-3)QC	09B05332	SOIL	Not Specified	solids (percent)
WFC-2D (0-1)	09B05333	SOIL	Not Specified	as (mg/kg)dw icp
WFC-2D (0-1)	09B05333	SOIL	Not Specified	pb (mg/kg)dw icp
WFC-2D (0-1)	09B05333	SOIL	Not Specified	solids (percent)
WFC-2D (1-3)	09B05334	SOIL	Not Specified	as (mg/kg)dw icp
WFC-2D (1-3)	09B05334	SOIL	Not Specified	pb (mg/kg)dw icp
WFC-2D (1-3)	09B05334	SOIL	Not Specified	solids (percent)
WFC-2I (1-3)	09B05335	SOIL	Not Specified	as (mg/kg)dw icp
WFC-2I (1-3)	09B05335	SOIL	Not Specified	pb (mg/kg)dw icp
WFC-2I (1-3)	09B05335	SOIL	Not Specified	solids (percent)



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#### ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23465

JOB NUMBER: 115058

Comments :

LIMS BATCH NO. : LIMT-23465

#### 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 low level calibration check is outside control limits for As. Reported results for this element at or near the detection limit may be bias on the low side. The duplicate rpd is outside of control limits for Pb for samples 09B05321 and 09B05332. Outliers can be attributed to sample non homogeneity or a "hot spot" encountered during sample prep. Reduced precision expected for this element.

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

#### DETAILED CASE NARRATIVE

#### METHOD SW846-6010 - ADDITIONAL DETAILS

Only As and Pb were requested and reported. A sample duplicate and ms were performed on samples 09B05321 and 09B05332. For sample 09B05332 the ms recovery is outside control limits for Pb. Sample concentration is >4X spike concentration, therefore a representative recovery may not be obtainable.

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 3/3/09*  
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)

LIMS-BAT #: LIMIT-23465

Date Received: 2/23/2009

Job Number: 115058

**Field Sample # : POST-3X (12-18)**

**Sample ID : 09B05320**      ‡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	25.3	03/02/09	KSH	2.78		

**Field Sample # : POST-3X (18-24)QC**

**Sample ID : 09B05321**      ‡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	7.64	03/02/09	KSH	2.75		

**Field Sample # : POST-3X (24-30)**

**Sample ID : 09B05322**      ‡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	8.16	03/02/09	KSH	2.71		

**Field Sample # : POST-3X (30-36)**

**Sample ID : 09B05323**      ‡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	6.63	03/02/09	KSH	2.74		

**Field Sample # : POST-3X (36-42)**

**Sample ID : 09B05324**      ‡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	125	03/02/09	KSH	2.93		

RL = Reporting Limit

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

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

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

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Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH)

LIMS-BAT #: LIMIT-23465

Date Received: 2/23/2009

Job Number: 115058

**Field Sample # : POST-3X (42-48)**

**Sample ID :** 09B05325      ‡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	162	03/02/09	KSH	3.20		

**Field Sample # : POST-3X (48-54)**

**Sample ID :** 09B05326      ‡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	18.3	03/02/09	KSH	2.85		

**Field Sample # : POST-3X (54-60)**

**Sample ID :** 09B05327      ‡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	4.46	03/02/09	KSH	2.81		

**Field Sample # : POST-3X (6-12)**

**Sample ID :** 09B05319      ‡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	117	03/02/09	KSH	3.15		

**Field Sample # : POST-3X (60-66)**

**Sample ID :** 09B05328      ‡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	4.20	03/02/09	KSH	3.13		

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Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH)

LIMS-BAT #: LIMIT-23465

Date Received: 2/23/2009

Job Number: 115058

Field Sample #: WFC-2B (0-1)

Sample ID : 09B05329      ‡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	132	03/02/09	KSH	2.99		

Field Sample #: WFC-2B (1-3)

Sample ID : 09B05330      ‡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	47.9	03/02/09	KSH	2.82		

Field Sample #: WFC-2C (0-1)

Sample ID : 09B05331      ‡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	62.3	03/02/09	KSH	3.07		

Field Sample #: WFC-2C (1-3)QC

Sample ID : 09B05332      ‡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	10.3	03/02/09	KSH	3.48		

Field Sample #: WFC-2D (0-1)

Sample ID : 09B05333      ‡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	133	03/02/09	KSH	2.96		

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Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH)

LIMS-BAT #: LIMIT-23465

Date Received: 2/23/2009

Job Number: 115058

**Field Sample # : WFC-2D (1-3)**

**Sample ID : 09B05334** ‡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	4.52	03/02/09	KSH	2.90		

**Field Sample # : WFC-2I (1-3)**

**Sample ID : 09B05335** ‡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	15.5	03/02/09	KSH	2.95		

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.:

Project Location: CITY OF NEW BEDFORD (WALSH)

LIMS-BAT #: LIMIT-23465

Date Received: 2/23/2009

Job Number: 115058

**Field Sample # : POST-3X (12-18)**

**Sample ID : 09B05320**      ‡Sampled : 2/23/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	36.2	03/02/09	KSH	0.84		

**Field Sample # : POST-3X (18-24)QC**

**Sample ID : 09B05321**      ‡Sampled : 2/23/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	61.5	03/02/09	KSH	0.83		

**Field Sample # : POST-3X (24-30)**

**Sample ID : 09B05322**      ‡Sampled : 2/23/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	235	03/02/09	KSH	0.82		

**Field Sample # : POST-3X (30-36)**

**Sample ID : 09B05323**      ‡Sampled : 2/23/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	30.0	03/02/09	KSH	0.82		

**Field Sample # : POST-3X (36-42)**

**Sample ID : 09B05324**      ‡Sampled : 2/23/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	868	03/02/09	KSH	0.88		

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LIMS-BAT #: LIMIT-23465

Date Received: 2/23/2009

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**Field Sample # : POST-3X (42-48)**

**Sample ID : 09B05325**      ‡Sampled : 2/23/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	976	03/02/09	KSH	0.96		

**Field Sample # : POST-3X (48-54)**

**Sample ID : 09B05326**      ‡Sampled : 2/23/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	203	03/02/09	KSH	0.86		

**Field Sample # : POST-3X (54-60)**

**Sample ID : 09B05327**      ‡Sampled : 2/23/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	58.0	03/02/09	KSH	0.85		

**Field Sample # : POST-3X (6-12)**

**Sample ID : 09B05319**      ‡Sampled : 2/23/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	48.6	03/02/09	KSH	0.95		

**Field Sample # : POST-3X (60-66)**

**Sample ID : 09B05328**      ‡Sampled : 2/23/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	79.6	03/02/09	KSH	0.94		

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LIMS-BAT #: LIMIT-23465

Date Received: 2/23/2009

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**Field Sample # : WFC-2B (0-1)**

**Sample ID : 09B05329** ‡Sampled : 2/23/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	27.3	03/02/09	KSH	0.90		

**Field Sample # : WFC-2B (1-3)**

**Sample ID : 09B05330** ‡Sampled : 2/23/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	42.0	03/02/09	KSH	0.85		

**Field Sample # : WFC-2C (0-1)**

**Sample ID : 09B05331** ‡Sampled : 2/23/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	66.2	03/02/09	KSH	0.92		

**Field Sample # : WFC-2C (1-3)QC**

**Sample ID : 09B05332** ‡Sampled : 2/23/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	514	03/02/09	KSH	1.05		

**Field Sample # : WFC-2D (0-1)**

**Sample ID : 09B05333** ‡Sampled : 2/23/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	34.4	03/02/09	KSH	0.89		

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Project Location: CITY OF NEW BEDFORD (WALSH)

LIMS-BAT #: LIMIT-23465

Date Received: 2/23/2009

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**Field Sample # : WFC-2D (1-3)**

**Sample ID : 09B05334** ‡Sampled : 2/23/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	96.9	03/02/09	KSH	0.87		

**Field Sample # : WFC-2I (1-3)**

**Sample ID : 09B05335** ‡Sampled : 2/23/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	226	03/02/09	KSH	0.89		

Analytical Method:

SW846 3050/6010

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

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

3/3/2009  
Page 9 of 13

Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH)

LIMS-BAT #: LIMIT-23465

Date Received: 2/23/2009

Job Number: 115058

**Field Sample # : POST-3X (12-18)**

**Sample ID : 09B05320** ‡Sampled : 2/23/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	90.2	03/02/09	FD			

**Field Sample # : POST-3X (18-24)QC**

**Sample ID : 09B05321** ‡Sampled : 2/23/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	91.2	03/02/09	FD			

**Field Sample # : POST-3X (24-30)**

**Sample ID : 09B05322** ‡Sampled : 2/23/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	92.5	03/02/09	FD			

**Field Sample # : POST-3X (30-36)**

**Sample ID : 09B05323** ‡Sampled : 2/23/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	91.5	03/02/09	FD			

**Field Sample # : POST-3X (36-42)**

**Sample ID : 09B05324** ‡Sampled : 2/23/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	85.6	03/02/09	FD			

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

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

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

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

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

3/3/2009

Page 10 of 13

Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH)

LIMS-BAT #: LIMIT-23465

Date Received: 2/23/2009

Job Number: 115058

Field Sample #: POST-3X (42-48)

Sample ID: 09B05325

‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	78.3	03/02/09	FD			

Field Sample #: POST-3X (48-54)

Sample ID: 09B05326

‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	87.8	03/02/09	FD			

Field Sample #: POST-3X (54-60)

Sample ID: 09B05327

‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	89.1	03/02/09	FD			

Field Sample #: POST-3X (6-12)

Sample ID: 09B05319

‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	79.6	03/02/09	FD			

Field Sample #: POST-3X (60-66)

Sample ID: 09B05328

‡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	03/02/09	FD			

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

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

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

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

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

3/3/2009

Page 11 of 13

Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH)

LIMS-BAT #: LIMIT-23465

Date Received: 2/23/2009

Job Number: 115058

Field Sample #: WFC-2B (0-1)

Sample ID : 09B05329

‡Sampled : 2/23/2009

Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	83.8	03/02/09	FD			

Field Sample #: WFC-2B (1-3)

Sample ID : 09B05330

‡Sampled : 2/23/2009

Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	88.9	03/02/09	FD			

Field Sample #: WFC-2C (0-1)

Sample ID : 09B05331

‡Sampled : 2/23/2009

Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	81.6	03/02/09	FD			

Field Sample #: WFC-2C (1-3)QC

Sample ID : 09B05332

‡Sampled : 2/23/2009

Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	72.0	03/02/09	FD			

Field Sample #: WFC-2D (0-1)

Sample ID : 09B05333

‡Sampled : 2/23/2009

Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	84.6	03/02/09	FD			

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

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

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

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



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

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

3/3/2009  
Page 12 of 13

Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH)

LIMS-BAT #: LIMIT-23465

Date Received: 2/23/2009

Job Number: 115058

**Field Sample # : WFC-2D (1-3)**

**Sample ID : 09B05334**

‡Sampled : 2/23/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	86.3	03/02/09	FD			

**Field Sample # : WFC-2I (1-3)**

**Sample ID : 09B05335**

‡Sampled : 2/23/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	84.9	03/02/09	FD			

Analytical Method:

SM 2540G

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

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

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

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

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

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

Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH)  
Date Received: 2/23/2009

3/3/2009  
Page 13 of 13

LIMS-BAT #: LIMT-23465  
Job Number: 115058

\*\* END OF REPORT \*\*

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

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

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

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



### 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: 3/3/2009

Lims Bat #: LIMIT-23465

Page 1 of 3

QC Batch Number: ICP-21261

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B05321	Arsenic	Sample Amount	7.63	mg/kg dry wt	
		Duplicate Value	7.43	mg/kg dry wt	
		Duplicate RPD	2.61	%	0-35
		Sample Amount	7.63	mg/kg dry wt	
		Matrix Spk Amt Added	27.41	mg/kg dry wt	
		MS Amt Measured	35.46	mg/kg dry wt	
	Lead	Matrix Spike % Rec.	101.50	%	75-125
		Sample Amount	61.46	mg/kg dry wt	
		Duplicate Value	166.07	mg/kg dry wt	
		Duplicate RPD	91.95	%	0-35
		Sample Amount	61.46	mg/kg dry wt	
		Matrix Spk Amt Added	27.41	mg/kg dry wt	
		MS Amt Measured	89.45	mg/kg dry wt	
		Matrix Spike % Rec.	102.11	%	75-125
09B05332	Arsenic	Sample Amount	10.27	mg/kg dry wt	
		Duplicate Value	11.15	mg/kg dry wt	
		Duplicate RPD	8.16	%	0-35
		Sample Amount	10.27	mg/kg dry wt	
		Matrix Spk Amt Added	34.72	mg/kg dry wt	
		MS Amt Measured	47.68	mg/kg dry wt	
	Lead	Matrix Spike % Rec.	107.74	%	75-125
		Sample Amount	514.44	mg/kg dry wt	
		Duplicate Value	288.32	mg/kg dry wt	
		Duplicate RPD	56.33	%	0-35
		Sample Amount	514.44	mg/kg dry wt	
		Matrix Spk Amt Added	34.72	mg/kg dry wt	
		MS Amt Measured	335.27	mg/kg dry wt	
		Matrix Spike % Rec.	-515.99	%	75-125
BLANK-130146	Arsenic	Blank	<2.50	mg/kg dry wt	
	Lead	Blank	<0.75	mg/kg dry wt	
LFBLANK-92301	Arsenic	Lab Fort Blank Amt.	123.00	mg/kg dry wt	
		Lab Fort Blk. Found	130.54	mg/kg dry wt	
		Lab Fort Blk. % Rec.	106.13	%	80-120
		Dup Lab Fort Bl Amt.	123.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	133.86	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	108.82	%	80-120
		Lab Fort Blank Range	2.69	units	
		Lab Fort Bl. Av. Rec	107.47	%	
		LFB Duplicate RPD	2.51	%	0-30
		Lab Fort Blank Amt.	136.00	mg/kg dry wt	
	Lead				



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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: 3/3/2009

Lims Bat # : LIMIT-23465

Page 2 of 3

QC Batch Number: ICP-21261

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-92301	Lead	Lab Fort Blk. Found	143.84	mg/kg dry wt	
		Lab Fort Blk. % Rec.	105.76	%	82-118
		Dup Lab Fort Bl Amt.	136.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	150.91	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	110.96	%	82-118
		Lab Fort Blank Range	5.19	units	
		Lab Fort Bl. Av. Rec	108.36	%	
		LFB Duplicate RPD	4.79	%	0-30

### QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Method Blanks

Report Date: 3/3/2009

Lims Bat #: LIMIT-23465

Page 3 of 3

### QUALITY CONTROL DEFINITIONS AND ABBREVIATIONS

QC BATCH NUMBER	This is the number assigned to all samples analyzed together that would be subject to comparison with a particular set of Quality Control Data.
LIMITS	Upper and Lower Control Limits for the QC ANALYSIS Reported. All values normally would fall within these statistically determined limits, unless there is an unusual circumstance that would be documented in a NOTE appearing on the last page of the QC SUMMARY REPORT. Not all QC results will have Limits defined.
Sample Amount	Amount of analyte found in a sample.
Blank	Method Blank that has been taken through all the steps of the analysis.
LFBLANK	Laboratory Fortified Blank (a control sample)
STDADD	Standard Added (a laboratory control sample)
Matrix Spk Amt Added	Amount of analyte spiked into a sample
MS Amt Measured	Amount of analyte found including amount that was spiked
Matrix Spike % Rec.	% Recovery of spiked amount in sample.
Duplicate Value	The result from the Duplicate analysis of the sample.
Duplicate RPD	The Relative Percent Difference between two Duplicate Analyses.
Surrogate Recovery	The % Recovery for non-environmental compounds (surrogates) spiked into samples to determine the performance of the analytical methods.
Sur. Recovery (ELCD)	Surrogate Recovery on the Electrolytic Conductivity Detector.
Sur. Recovery (PID)	Surrogate Recovery on the Photoionization Detector.
Standard Measured	Amount measured for a laboratory control sample
Standard Amt Added	Known value for a laboratory control sample
Standard % Recovery	% recovered for a laboratory control sample with a known value.
Lab Fort Blank Amt	Laboratory Fortified Blank Amount Added
Lab Fort Blk. Found	Laboratory Fortified Blank Amount Found
Lab Fort Blk % Rec	Laboratory Fortified Blank % Recovered
Dup Lab Fort Bl Amt	Duplicate Laboratory Fortified Blank Amount Added
Dup Lab Fort Bl Fnd	Duplicate Laboratory Fortified Blank Amount Found
Dup Lab Fort Bl % Rec	Duplicate Laboratory Fortified Blank % Recovery
Lab Fort Blank Range	Laboratory Fortified Blank Range (Absolute value of difference between recoveries for Lab Fortified Blank and Lab Fortified Blank Duplicate).
Lab Fort Bl. Av. Rec.	Laboratory Fortified Blank Average Recovery
Duplicate Sample Amt	Sample Value for Duplicate used with Matrix Spike Duplicate
MSD Amount Added	Matrix Spike Duplicate Amount Added (Spiked)
MSD Amt Measured	Matrix Spike Duplicate Amount Measured
MSD % Recovery	Matrix Spike Duplicate % Recovery
MSD Range	Absolute difference between Matrix Spike and Matrix Spike Duplicate Recoveries

## MADEP MCP ANALYTICAL METHOD REPORT CERTIFICATION FORM

Laboratory Name: **CON-TEST Analytical Laboratory**

Project #: **L1MT-23465**

Project Location: **CITY OF NEW BEDFORD**

MADEP RTN<sup>1</sup>:

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

**09B05319-09B05335**

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

**MCP SW-846  
Methods Used**

8260B ( )

8151A ( )

8330 ( )

6010B ( ☒ )

7470A/1A ( )

8270C ( )

8081A ( )

VPH ( )

6020 ( )

9014M<sup>2</sup> ( )

As specified in MADEP  
Compendium of  
Analytical Methods.

8082 ( )

8021B ( )

EPH ( )

7000 S<sup>3</sup> ( )

7196A ( )

(check all that apply)

1 List Release Tracking Number (RTN), if known

2 M – SW-846 Method 9014 or MADEP Physiologically Available Cyanide (PAC) Method

3 S – SW-846 Methods 7000 Series List individual method and analyte.

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

Were all samples received by the laboratory in a condition consistent with that described on the Chain-of-Custody documentation for the data set?

☒ Yes ☐ No<sup>1</sup>
**B**

Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?

☒ Yes ☐ No<sup>1</sup>
**C**

Does the data included in this report meet all the analytical requirements for "Presumptive Certainty", as described in Section 2.0 (a), (b), (c) and (d) of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?

☒ Yes ☐ No<sup>1</sup>
**D**
**VPH and EPH Methods only:** Was the VPH or EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)

☐ Yes ☐ No<sup>1</sup>
**A response to questions E and F below is required for "Presumptive Certainty" status**
**E**

Were all analytical QC performance standards and recommendations for the specified methods achieved?

☐ Yes ☐ No<sup>1</sup>
**F**

Were results for all analyte-list compounds/elements for the specified method(s) reported?

☐ Yes ☒ No<sup>1</sup>
<sup>1</sup> All Negative responses must be addressed in an attached Environmental Laboratory case narrative.

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Signature:

**Edward Denson**

Position: Technical Director

Printed Name: Edward Denson

Date:

**3/3/09**



Phone: 413-525-2332

Fax: 413-525-6405

Email: info@contestlabs.com

www.contestlabs.com

# CHAIN OF CUSTODY RECORD

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

Page 5 of 7

Company Name:

TRC

Address:

650 Suffolk St

Lowell MA 01854

Attention:

David Sullivan

Project Location:

City of NB (Haleth)

Sampled By:

J. Sandoz / H. R. 774

Proposal Provided? (For Billing purposes)

☐ yes ☐ no

State Form Required?

☐ yes ☐ no

Telephone: 978 656-3565  
Project # 115055  
Client PO #

DATA DELIVERY (check one):

☐ FAX ☒ EMAIL ☐ WEBSITE CLIENT

Fax #:

Email: d.sullivan@contestlabs.com  
Format: ☒ EXCEL ☐ PDF ☒ GIS KEY

☐ OTHER

Date Sampled

Start Date/Time Step Rate/Time Comp. osite Grab \*Matrix | Conc. Code | Code

Field ID Sample Description Lab #

Post-3X (6-12) 05319

Post-3X (12-15) 05340

Post-3X (15-24) (Puls) 05341

Post-3X (24-30) 05342

Post-3X (30-36) 05343

Post-3X (36-42) 05344

Post-3X (42-48) 05345

Post-3X (48-54) 05346

Laboratory Comments:

Relinquished by: (signature) Date/Time: 2/23/09 1600

Received by: (signature) Date/Time: 2-23-09 1600

Relinquished by: (signature) Date/Time: 2-23-09 1900

Received by: (signature) Date/Time: 2/23/09 1900

Turnaround \*\* ☐ 7-Day ☐ 10-Day ☒ Other ☒ RUSH

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

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

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

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

# of containers: 1  
\*\*Preservation: I  
-Cont Code: 6

ANALYSIS REQUESTED

Total Arsenic  
Total Lead

Client Comments:

AIHA, NELAP & WBE/DBE Certified



Phone: 413-525-2332

Fax: 413-525-6405

Email: info@contestlabs.com

www.contestlabs.com

## CHAIN OF CUSTODY RECORD

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

Page 6 of 7

Company Name:

TRC

Address:

650 Suffolk St.

Lowell MA 01854

Attention:

David Sullivan

Project Location:

City of W3 (Leish)

Sampled By:

J. Saunders/H. W. 222

Proposal Provided? (For Billing purposes)

☒ yes 2007 proposal date

State Form Required?

☒ yes ☐ no

Client PO #

Project #

1150558

Telephone: 781 656-3565

L: M-83465

DATA DELIVERY (check one):

☐ FAX ☒ EMAIL ☐ WEBSITE CLIENT

Fax #:

Email: dsullivan@contestlabs.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 #

Post-3X (54-60)

05327

2/23/09

1150

1152

1315

1320

1325

1330

1359

1355

6

5

u

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

ANALYSIS REQUESTED

Total Arsenic

Total Lead

# of containers

\*\*Preservation

-Cont Code

-Cont Code

-Cont Code

-Cont Code

-Cont Code

-Cont Code

-Cont Code

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

# CHAIN OF CUSTODY RECORD

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

Page 7 of 7

Company Name: TRC

Address: 650 Suffolk St.

Lowell MA 01854

Attention: David Sullivan

Project Location: City of MB (Wald)

Sampled By: J. Sanders / H. Ritz

Proposal Provided? (For Billing purposes)

☒ yes 2007 proposal date

State Form Required?

☒ yes ☐ no

Telephone: (413) 656-3565

Project # 115058

Client PO #

DATA DELIVERY (check one):

☐ FAX ☒ EMAIL ☐ WEBSITE CLIENT

Fax #:

Email: dsullivan@con-test-labs.com

Format: ☒ EXCEL ☐ PDF ☒ GIS KEY

☐ OTHER

Date Sampled

Field ID	Sample Description	Lab #	Start Date/Time	Step	Comp- osite	Grab	*Matrix   Conc. Code   Code
----------	--------------------	-------	-----------------	------	----------------	------	--------------------------------

WFC-26 (0-1) (HOLD)\* 2/23/09 1415 6 S U X X

WFC-26 (1-3) (HOLD)\* 1420 1440 1445 1435 1505 2/23/09 1510 C S U X X

WFC-2D (0-1) \* 05333 1440 1445 1435 1505 2/23/09 1510 C S U X X

WFC-2D (1-3) \* 05334 1440 1445 1435 1505 2/23/09 1510 C S U X X

WFC-2I (1-3) \* 05335 1440 1445 1435 1505 2/23/09 1510 C S U X X

WFC-2H (0-1) (HOLD)\* 1440 1445 1435 1505 2/23/09 1510 C S U X X

WFC-2H (1-3) (HOLD)\* 1440 1445 1435 1505 2/23/09 1510 C S U X X

Laboratory Comments:

CH

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: 2/23/09 1600

Received by: (signature)

Date/Time: 2/23/09 1600

Relinquished by: (signature)

Date/Time: 2/23/09 1800

Received by: (signature)

Date/Time: 2/23/09 1800

Turnaround \*\*

☐ 7-Day

☐ 10-Day

☒ Other 5-1/5-7

☒ RUSH

☐ \*24-Hr ☐ \*48-Hr

☐ \*72-Hr ☐ \*4-Day

Detection Limit Requirements

Regulations? MLP 5-1/5-7

Data Enhancement Project/RCP? ☒ Y ☐ N

Special Requirements or D.L.s: See Q&A

\*Matrix Code:

GW = groundwater

WW = wastewater

DW = drinking water

A = air

S = soil/solid

SL = sludge

O = other

\*\*Preservation Codes:

I = iced

H = HCL

M = Methanol

N = Nitric Acid

S = Sulfuric Acid

B = Sodium bisulfate

O = Other

ANALYSIS REQUESTED

-Cont. Code:

A = amber glass

G = glass

P = plastic

ST = sterile

V = vial

S = summa can

T = tedar bag

O = Other

Client

Comments:

\* 101d sample volume for possible TELP analysis pending initial results

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

AIHA, NELAP & WBE/DBE Certified

Company Name: TRC

Address: 650 Suffolk St.

Lowell MA 01854

Attention: David Sullivan

Project Location: City of NB (Caldwell)

Sampled By: J. Saunders/H. R. Zaza

Proposal Provided? (For Billing purposes)

☒ yes 2/20/09 proposal date

State Form Required?

☒ yes ☐ no

Telephone: (978) 686-3565  
Project # 115058  
Client PO # \_\_\_\_\_

DATA DELIVERY (check one):

☐ FAX ☒ EMAIL ☐ WEBSITE CLIENT

Fax # \_\_\_\_\_

Email: dsullivan@contestlabs.com

Format: ☒ EXCEL ☐ PDF ☒ GIS KEY

☐ OTHER

Date Sampled

Start Date/Time	Stop Date/Time	Comp. osite	Grab	*Matrix Code	Conc. Code
2/23/09 0909	0909			6	5
	0902				U
	0904				
	0906				
	0908				
	0910				
	0912				
	0924				

Total Arsenic  
Total Lead

ANALYSIS REQUESTED

# of containers  
\*\*Preservation  
-Cont. Code  
-Cont. Code:  
A=amber glass  
G=glass  
P=plastic  
ST=sterile  
V=vial  
S=summary can  
T=redial bag  
O=Other

Client Comments:

Field ID	Sample Description	Lab #	Start Date/Time	Stop Date/Time	Comp. osite	Grab	*Matrix Code	Conc. Code
	Post-34 (6-12)							
	Post-34 (12-15)							
	Post-34 (15-24)							
	Post-34 (24-30)							
	Post-34 (30-36)							
	Post-34 (36-42)							
	Post-34 (42-48)							
	Post-34 (48-54)							

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

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

Relinquished by: (signature) [Signature] Date/Time: 2/23/09 1600

Received by: (signature) [Signature] Date/Time: 2/23/09 1600

Relinquished by: (signature) [Signature] Date/Time: 2/23/09 1900

Received by: (signature) [Signature] Date/Time: 2/23/09 1900

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

Detection Limit Requirements  
Regulations? MCE 5-1/15-2

Data Enhancement Project/RCP? ☒ Y ☐ N

Special Requirements or DL's: See Quote

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

\*\*Preservation Codes:  
I=iced  
H=HCL  
N=Nitric Acid  
S=Sulfuric Acid  
B=Sodium bisulfate  
O=Other

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







Phone: 413-525-2332

Fax: 413-525-6405

Email: info@contestlabs.com

www.contestlabs.com

## CHAIN OF CUSTODY RECORD

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

Page 5 of 7

Company Name:

TRC

Address:

650 Suffolk St.

Lowell MA 01854

Attention:

Rand Sullivan

Project Location:

City of NB (Woburn)

Sampled By:

J. Saunders / H. K. Zia

Proposal Provided? (For Billing purposes)

☒ yes ☐ no

proposal date

State Form Required?

☒ yes ☐ noTelephone: (978) 656-3525  
Project # 15055  
Client PO #

DATA DELIVERY (check one):

☐ FAX ☒ EMAIL ☐ WEBSITE CLIENT

Fax #:

Email: dsullivan@contestlabs.com

Format: ☒ EXCEL ☐ PDF ☒ GIS KEY☐ OTHER

Date Sampled

Start Date/Time Stop Date/Time Comp. Grab Matrix | Conc. Code | Code

Field ID	Sample Description	Lab #	Start Date/Time	Stop Date/Time	Comp. Grab	Matrix   Conc. Code   Code	Total Arsenic	Total Lead
	Post-3V (42-48)		2/23/09	1000		6 S U	X	X
	Post-3V (48-54)			1014			X	X
	Post-3V (54-60)			1016			X	X
	Post-3V (60-66)			1018			X	X
	Post-4V (42-48)			0940			X	X
	Post-3V (0-6)			1044			X	X
	Post-3V (6-12)			1046			X	X
	Post-3V (12-18)		2/23/09	1048		6 S U	X	X

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

Turnaround \*\*

☐ 7-Day☐ 10-Day☒ Other

RUSH

☐ \*24-Hr ☐ \*48-Hr☐ \*72-Hr ☐ \*4-Day

\*Require lab approval

Detection Limit Requirements

Regulations? MCP 5-1/3-2

Data Enhancement Project/RCP? ☒ Y ☐ N

Special Requirements or DL's: See Quote

Matrix Code:

GW = groundwater

WW = wastewater

DW = drinking water

A = air

S = soil/solid

SL = sludge

O = other

Preservation Codes:

I = Iced

H = HCL

M = Methanol

N = Nitric Acid

S = Sulfuric Acid

B = Sodium bisulfate

O = Other

ANALYSIS REQUESTED

# of containers

\*\*Preservation

-Cont. Code

-Cont. Code:

A=amber glass

G=glass

P=plastic

ST=sterile

V=vial

S=Summa can

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

AIHA, NELAP &amp; 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: TPC Low RECEIVED BY: CFC DATE: 2/27/09

1) Was the chain(s) of custody relinquished and signed? Yes No

2) Does the chain agree with the samples? Yes No  
If not, explain:

3) Are all the samples in good condition? Yes No  
If not, explain:

4) How were the samples received:

On Ice ☒ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☒

Were the samples received in Temperature Compliance of (2-6°C)? Yes No

Temperature °C by Temp blank 3.0 Temperature °C by Temp gun \_\_\_\_\_

5) Are there Dissolved samples for the lab to filter? Yes No

Who was notified \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

6) Are there any samples "On Hold"? Yes No Stored where: \_\_\_\_\_

7) Are there any RUSH or SHORT HOLDING TIME samples? Yes No

Who was notified \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

8) Location where samples are stored: 19

Permission to subcontract samples? Yes No  
(Walk-in clients only) if not already approved

Client Signature: \_\_\_\_\_

### Containers sent in to Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz clear jar	<u>14</u>
500 mL Amber		4 oz clear jar	<u>144</u>
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 \_\_\_\_\_

# Thiosulfate \_\_\_\_\_ Unpreserved \_\_\_\_\_

Time and Date Frozen: \_\_\_\_\_

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