



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

REPORT DATE 2/23/2009

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

CONTRACT NUMBER:  
PURCHASE ORDER NUMBER:

PROJECT NUMBER:

#### ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23319

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-3J (30-36)	09B04451	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3J (30-36)	09B04451	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3J (30-36)	09B04451	SOIL	Not Specified	solids (percent)	
POST-3J (36-42)	09B04452	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3J (36-42)	09B04452	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3J (36-42)	09B04452	SOIL	Not Specified	solids (percent)	
POST-3J (42-48)QC	09B04453	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3J (42-48)QC	09B04453	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3J (42-48)QC	09B04453	SOIL	Not Specified	solids (percent)	
POST-3J (48-54)	09B04454	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3J (48-54)	09B04454	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3J (48-54)	09B04454	SOIL	Not Specified	solids (percent)	
POST-3J (54-60)	09B04455	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3J (54-60)	09B04455	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3J (54-60)	09B04455	SOIL	Not Specified	solids (percent)	
POST-3J (60-66)	09B04456	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3J (60-66)	09B04456	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3J (60-66)	09B04456	SOIL	Not Specified	solids (percent)	
POST-3K (0-6)	09B04457	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3K (0-6)	09B04457	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3K (0-6)	09B04457	SOIL	Not Specified	solids (percent)	
POST-3K (12-18)	09B04459	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3K (12-18)	09B04459	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3K (12-18)	09B04459	SOIL	Not Specified	solids (percent)	
POST-3K (18-24)	09B04460	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3K (18-24)	09B04460	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3K (18-24)	09B04460	SOIL	Not Specified	solids (percent)	
POST-3K (24-30)	09B04461	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3K (24-30)	09B04461	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3K (24-30)	09B04461	SOIL	Not Specified	solids (percent)	
POST-3K (30-36)	09B04462	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3K (30-36)	09B04462	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3K (30-36)	09B04462	SOIL	Not Specified	solids (percent)	
POST-3K (36-42)	09B04463	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3K (36-42)	09B04463	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3K (36-42)	09B04463	SOIL	Not Specified	solids (percent)	
POST-3K (42-48)	09B04464	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3K (42-48)	09B04464	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3K (42-48)	09B04464	SOIL	Not Specified	solids (percent)	



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ATTN: DAVID SULLIVAN

CONTRACT NUMBER:  
PURCHASE ORDER NUMBER:

PROJECT NUMBER:

#### ANALYTICAL SUMMARY

LIMS BAT #: LIMIT-23319

JOB NUMBER: 115058

POST-3K (48-54)	09B04465	SOIL	Not Specified	as (mg/kg)dw icp
POST-3K (48-54)	09B04465	SOIL	Not Specified	pb (mg/kg)dw icp
POST-3K (48-54)	09B04465	SOIL	Not Specified	solids (percent)
POST-3K (6-12)	09B04458	SOIL	Not Specified	as (mg/kg)dw icp
POST-3K (6-12)	09B04458	SOIL	Not Specified	pb (mg/kg)dw icp
POST-3K (6-12)	09B04458	SOIL	Not Specified	solids (percent)
POST-3L (6-12)	09B04466	SOIL	Not Specified	as (mg/kg)dw icp
POST-3L (6-12)	09B04466	SOIL	Not Specified	pb (mg/kg)dw icp
POST-3L (6-12)	09B04466	SOIL	Not Specified	solids (percent)



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#### ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23319

JOB NUMBER: 115058

Comments :

LIMS BATCH NO. : LIMT-23319

#### 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

Only As and Pb elements were requested and reported. A sample duplicate and ms were performed  
on sample 09B04453.

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 2/24/09*

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-23319

Date Received: 2/17/2009

Job Number: 115058

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

**Sample ID :** 09B04451      ‡Sampled : 2/17/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt	6.24	02/23/09	KSH	2.90		

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

**Sample ID :** 09B04452      ‡Sampled : 2/17/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt	4.66	02/23/09	KSH	2.92		

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

**Sample ID :** 09B04453      ‡Sampled : 2/17/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt	3.36	02/23/09	KSH	3.11		

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

**Sample ID :** 09B04454      ‡Sampled : 2/17/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt	5.55	02/23/09	KSH	2.91		

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

**Sample ID :** 09B04455      ‡Sampled : 2/17/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt	3.95	02/23/09	KSH	3.02		

RL = Reporting Limit

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

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Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH)

LIMS-BAT #: LIMIT-23319

Date Received: 2/17/2009

Job Number: 115058

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

**Sample ID : 09B04456**      ‡Sampled : 2/17/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt	ND	02/23/09	KSH	6.13		

**Field Sample # : POST-3K (0-6)**

**Sample ID : 09B04457**      ‡Sampled : 2/17/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt	240	02/23/09	KSH	3.25		

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

**Sample ID : 09B04459**      ‡Sampled : 2/17/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt	4.23	02/23/09	KSH	2.78		

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

**Sample ID : 09B04460**      ‡Sampled : 2/17/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt	7.62	02/23/09	KSH	2.71		

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

**Sample ID : 09B04461**      ‡Sampled : 2/17/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt	4.87	02/23/09	KSH	2.77		

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Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH)

LIMS-BAT #: LIMIT-23319

Date Received: 2/17/2009

Job Number: 115058

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

**Sample ID : 09B04462**      ‡Sampled : 2/17/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt	3.51	02/23/09	KSH	2.81		

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

**Sample ID : 09B04463**      ‡Sampled : 2/17/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt	3.54	02/23/09	KSH	3.00		

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

**Sample ID : 09B04464**      ‡Sampled : 2/17/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt	3.28	02/23/09	KSH	2.87		

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

**Sample ID : 09B04465**      ‡Sampled : 2/17/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt	31.8	02/23/09	KSH	4.20		

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

**Sample ID : 09B04458**      ‡Sampled : 2/17/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt	62.2	02/23/09	KSH	2.96		

RL = Reporting Limit

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Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH)

LIMS-BAT #: LIMT-23319

Date Received: 2/17/2009

Job Number: 115058

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

**Sample ID : 09B04466**

‡Sampled : 2/17/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt	334	02/23/09	KSH	3.08		

Analytical Method:

SW846 3050/6010

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

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

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

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

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

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Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH)

LIMS-BAT #: LIMIT-23319

Date Received: 2/17/2009

Job Number: 115058

Field Sample #: POST-3J (30-36)

Sample ID : 09B04451      ‡Sampled : 2/17/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	120	02/23/09	KSH	0.87		

Field Sample #: POST-3J (36-42)

Sample ID : 09B04452      ‡Sampled : 2/17/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	40.8	02/23/09	KSH	0.88		

Field Sample #: POST-3J (42-48)QC

Sample ID : 09B04453      ‡Sampled : 2/17/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	22.3	02/23/09	KSH	0.94		

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

Sample ID : 09B04454      ‡Sampled : 2/17/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	54.4	02/23/09	KSH	0.88		

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

Sample ID : 09B04455      ‡Sampled : 2/17/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	29.4	02/23/09	KSH	0.91		

RL = Reporting Limit

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



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TRC SOLUTIONS - LOWELL  
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Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH)

LIMS-BAT #: LIMIT-23319

Date Received: 2/17/2009

Job Number: 115058

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

**Sample ID : 09B04456**      ‡Sampled : 2/17/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	3570	02/23/09	KSH	1.84		

**Field Sample # : POST-3K (0-6)**

**Sample ID : 09B04457**      ‡Sampled : 2/17/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	31.4	02/23/09	KSH	0.98		

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

**Sample ID : 09B04459**      ‡Sampled : 2/17/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	4.39	02/23/09	KSH	0.84		

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

**Sample ID : 09B04460**      ‡Sampled : 2/17/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	43.1	02/23/09	KSH	0.82		

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

**Sample ID : 09B04461**      ‡Sampled : 2/17/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	68.1	02/23/09	KSH	0.83		

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Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH)

LIMS-BAT #: LIMIT-23319

Date Received: 2/17/2009

Job Number: 115058

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

**Sample ID : 09B04462**      ‡Sampled : 2/17/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	33.3	02/23/09	KSH	0.85		

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

**Sample ID : 09B04463**      ‡Sampled : 2/17/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	21.9	02/23/09	KSH	0.90		

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

**Sample ID : 09B04464**      ‡Sampled : 2/17/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	10.1	02/23/09	KSH	0.86		

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

**Sample ID : 09B04465**      ‡Sampled : 2/17/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	12600	02/23/09	KSH	1.26		

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

**Sample ID : 09B04458**      ‡Sampled : 2/17/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	30.5	02/23/09	KSH	0.89		

RL = Reporting Limit

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NM = Not Measured

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

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Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH)

LIMS-BAT #: LIMT-23319

Date Received: 2/17/2009

Job Number: 115058

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

**Sample ID : 09B04466**

‡Sampled : 2/17/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	49.7	02/23/09	KSH	0.93		

Analytical Method:

SW846 3050/6010

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

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

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

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SPEC LIMIT = a client specified recommended or  
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Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH)

LIMS-BAT #: LIMIT-23319

Date Received: 2/17/2009

Job Number: 115058

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

**Sample ID : 09B04451** ‡Sampled : 2/17/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	86.3	02/19/09	FD			

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

**Sample ID : 09B04452** ‡Sampled : 2/17/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	85.7	02/19/09	FD			

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

**Sample ID : 09B04453** ‡Sampled : 2/17/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	80.4	02/19/09	FD			

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

**Sample ID : 09B04454** ‡Sampled : 2/17/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	86.1	02/19/09	FD			

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

**Sample ID : 09B04455** ‡Sampled : 2/17/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	82.9	02/19/09	FD			

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

2/23/2009

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Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH)

LIMS-BAT #: LIMIT-23319

Date Received: 2/17/2009

Job Number: 115058

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

Sample ID: 09B04456

‡Sampled: 2/17/2009

Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	40.8	02/19/09	FD			

Field Sample #: POST-3K (0-6)

Sample ID: 09B04457

‡Sampled: 2/17/2009

Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	77.1	02/19/09	FD			

Field Sample #: POST-3K (12-18)

Sample ID: 09B04459

‡Sampled: 2/17/2009

Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	90.2	02/19/09	FD			

Field Sample #: POST-3K (18-24)

Sample ID: 09B04460

‡Sampled: 2/17/2009

Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	92.5	02/19/09	FD			

Field Sample #: POST-3K (24-30)

Sample ID: 09B04461

‡Sampled: 2/17/2009

Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	90.5	02/19/09	FD			

RL = Reporting Limit

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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

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TRC SOLUTIONS - LOWELL  
650 SUFFOLK STREET  
LOWELL, MA 01852

2/23/2009  
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Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH)

LIMS-BAT #: LIMIT-23319

Date Received: 2/17/2009

Job Number: 115058

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

**Sample ID : 09B04462** ‡Sampled : 2/17/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	89.0	02/19/09	FD			

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

**Sample ID : 09B04463** ‡Sampled : 2/17/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	83.6	02/19/09	FD			

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

**Sample ID : 09B04464** ‡Sampled : 2/17/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	87.3	02/19/09	FD			

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

**Sample ID : 09B04465** ‡Sampled : 2/17/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	59.6	02/19/09	FD			

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

**Sample ID : 09B04458** ‡Sampled : 2/17/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	84.5	02/19/09	FD			

RL = Reporting Limit

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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

2/23/2009  
Page 12 of 13

Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH)

LIMS-BAT #: LIMT-23319

Date Received: 2/17/2009

Job Number: 115058

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

**Sample ID : 09B04466**

‡Sampled : 2/17/2009  
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	81.3	02/19/09	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: 2/17/2009

2/23/2009

Page 13 of 13

LIMS-BAT #: LIMIT-23319

Job Number: 115058

\*\* END OF REPORT \*\*

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

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

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

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





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### QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Method Blanks

Report Date: 2/23/2009

Lims Bat # : LIMIT-23319

Page 1 of 2

QC Batch Number: ICP-21205

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04453	Arsenic	Sample Amount	3.36	mg/kg dry wt	
		Duplicate Value	3.43	mg/kg dry wt	
		Duplicate RPD	2.24	%	0-35
		Sample Amount	3.36	mg/kg dry wt	
	Lead	Matrix Spk Amt Added	31.09	mg/kg dry wt	
		MS Amt Measured	34.12	mg/kg dry wt	
		Matrix Spike % Rec.	98.92	%	75-125
		Sample Amount	22.26	mg/kg dry wt	
		Duplicate Value	23.38	mg/kg dry wt	
		Duplicate RPD	4.93	%	0-35
		Sample Amount	22.26	mg/kg dry wt	
		Matrix Spk Amt Added	31.09	mg/kg dry wt	
		MS Amt Measured	51.06	mg/kg dry wt	
		Matrix Spike % Rec.	92.64	%	75-125
BLANK-129792	Arsenic	Blank	<2.50	mg/kg dry wt	
	Lead	Blank	<0.75	mg/kg dry wt	
LFBLANK-91905	Arsenic	Lab Fort Blank Amt.	123.00	mg/kg dry wt	
		Lab Fort Blk. Found	125.02	mg/kg dry wt	
		Lab Fort Blk. % Rec.	101.64	%	80-120
		Dup Lab Fort Bl Amt.	123.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	122.75	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	99.79	%	80-120
		Lab Fort Blank Range	1.84	units	
		Lab Fort Bl. Av. Rec	100.71	%	
	Lead	LFB Duplicate RPD	1.83	%	0-30
		Lab Fort Blank Amt.	136.00	mg/kg dry wt	
		Lab Fort Blk. Found	127.11	mg/kg dry wt	
		Lab Fort Blk. % Rec.	93.46	%	82-118
		Dup Lab Fort Bl Amt.	136.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	127.55	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	93.78	%	82-118
		Lab Fort Blank Range	0.32	units	
		Lab Fort Bl. Av. Rec	93.62	%	
		LFB Duplicate RPD	0.34	%	0-30



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### QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Method Blanks

Report Date: 2/23/2009

Lims Bat #: LIMIT-23319

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 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: <b>CON-TEST Analytical Laboratory</b>	Project #: <b>L1MT-23319</b>
Project Location: <b>CITY OF NEW BEDFORD</b>	MADEP RTN <sup>1</sup> :

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

**09B04451-09B04466**

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

<b>MCP SW-846 Methods Used</b>	8260B ( )	8151A ( )	8330 ( )	6010B <input checked="" type="checkbox"/>	7470A/1A ( )
	8270C ( )	8081A ( )	VPH ( )	6020 ( )	9014M <sup>2</sup> ( )
As specified in MADEP Compendium of Analytical Methods. (check all that apply)	8082 ( )	8021B ( )	EPH ( )	7000 S <sup>3</sup> ( )	7196A ( )
	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**

<b>A</b>	Were all samples received by the laboratory in a condition consistent with that described on the Chain-of-Custody documentation for the data set?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>B</b>	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>C</b>	Does the data included in this report meet all the analytical requirements for "Presumptive Certainty", as described in Section 2.0 (a), (b), (c) and (d) of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>D</b>	<b><u>VPH and EPH Methods only:</u></b> Was the VPH or EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>

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

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

<sup>1</sup> All Negative responses must be addressed in an attached Environmental Laboratory case narrative.

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

Signature: <u>Edward Denson</u>	Position: <b>Technical Director</b>
Printed Name: <b>Edward Denson</b>	Date: <u>2/24/09</u>



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Fax: 413-525-6405  
Email: info@contestlabs.com  
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# CHAIN OF CUSTODY RECORD

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

Page 7 of 11

Company Name: TRC

Address: 650 South St.

Lowell MA 01854

Attention: David Sullivan

Project Location: City of W3 (Litchfield)

Sampled By: J. Sanchez/H. R. 224

Proposal Provided? (For Billing purposes)

☒ yes 2007 proposal date

State Form Required?

☒ yes ☐ no

Telephone: (413) 656-3355

Project # 115058

Client PO #

DATA DELIVERY (check one):

☐ FAX ☒ EMAIL ☐ WEBSITE CLIENT

Fax #:

Email: dellmone@contestlabs.com

Format: ☒ EXCEL ☐ PDF ☒ GIS KEY

☐ OTHER

Date Sampled

Start Date/Time

Step Date/Time

Comp- osite

Grab

\*Matrix | Conc. Code | Code

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ANALYSIS REQUESTED

Cont. Code

\*\*Preservation

# of containers

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39 SPRUCE ST, 2ND FLOOR

EAST LONGMEADOW, MA 01028

Page 7 of 11

ANALYSIS REQUESTED

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# CHAIN OF CUSTODY RECORD

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

Page 11 of 11

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

Telephone: (978) 656-3585  
Project # 115055  
Client PO # \_\_\_\_\_

Location: David Sullivan

Project Location: City of NB (Cantab)

Sample By: J. Smedley/H. Rizza

Proposal Provided? (For Billing purposes)  
☒ Yes 2009 proposal date

State Form Required?  
☒ Yes ☐ No

Sample Description: Post-3M (60-66)

Lab # \_\_\_\_\_

Start Date/Time: 2/17/09 1526

Step Date/Time: 2/17/09 1545

Comp- osite Grab \_\_\_\_\_

\*Matrix | Conc. Code | Code \_\_\_\_\_

Matrix Code: \_\_\_\_\_

Preservation Codes: \_\_\_\_\_

Conc. Code: \_\_\_\_\_

Conc. Code: \_\_\_\_\_

Conc. Code: \_\_\_\_\_

Conc. Code: \_\_\_\_\_

Conc. Code: \_\_\_\_\_

DATA DELIVERY (check one):  
☐ FAX ☒ EMAIL ☐ WEBSITE CLIENT

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

Email: delivered@contestlabs.com

Format: ☒ EXCEL ☐ PDF ☒ GIS KEY

☐ OTHER \_\_\_\_\_

Date Sampled \_\_\_\_\_

Start Date/Time \_\_\_\_\_

Step Date/Time \_\_\_\_\_

Comp- osite Grab \_\_\_\_\_

\*Matrix | Conc. Code | Code \_\_\_\_\_

Matrix Code: \_\_\_\_\_

Preservation Codes: \_\_\_\_\_

Conc. Code: \_\_\_\_\_

Conc. Code: \_\_\_\_\_

Conc. Code: \_\_\_\_\_

Conc. Code: \_\_\_\_\_

Conc. Code: \_\_\_\_\_

Conc. Code: \_\_\_\_\_

ANALYSIS REQUESTED

Conc. Code: \_\_\_\_\_

A=amber glass

G=glass

P=plastic

ST=sterile

V= vial

S=summary can

T=tedlar bag

O=Other

Client \_\_\_\_\_

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

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Fax: 413-525-6405  
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# CHAIN OF CUSTODY RECORD

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EAST LONGMEADOW, MA 01028

Page 1 of 11

Company Name:

TRC

Address:

650 Suffolk St.

Lowell MA 01854

Person:

David Sullivan

Project Location:

City of New Bedford (Lab 154)

Prepared By:

Jeff Saunders / H. R. 722

Proposal Provided? (For Billing purposes)

Yes ☒ No ☐

State Form Required?

Yes ☒ No ☐

Telephone: (978) 686-3525

Project # 115058

Client PO #

DATA DELIVERY (check one):

OFAX ☒ EMAIL ☐ WEBSITE CLIENT

Fax #:

Email: dsullivan@resolutions.com

Format:

EXCEL ☒ PDF ☐ GIS KEY ☐ OTHER ☐

Date Sampled

Start Date/Time

Stop Date/Time

Comp-  
osite

Grab

\*Matrix  
Code

Conc.  
Code

Total Arsenic

Total Lead

ANALYSIS REQUESTED

Cont. Code:

A=amber glass

G=glass

P=plastic

ST=sterile

V= vial

S=summary can

T=tedlar bag

O=Other

Client  
Comments:

d ID	Sample Description	Lab #	Start Date/Time	Stop Date/Time	Comp- osite	Grab	*Matrix Code	Conc. Code	Total Arsenic	Total Lead	ANALYSIS REQUESTED	Cont. Code:
Post-3F (6-12)			2/17/09	0858			S	U	X	X		
Post-3F (12-18)				0900					X	X		
Post-3F (18-24)				0902					X	X		
Post-3F (24-30)				0904					X	X		
Post-3F (30-36)				0906					X	X		
Post-3F (36-42)				0908					X	X		
Post-3F (42-48)				0910					X	X		
Post-36 (48-72)			2/17/09	0915			S	U	X	X		

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

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

Turnaround \*\*

☐ 7-Day

☐ 10-Day

☒ Other 5 days

RUSH \*

☐ 24-Hr ☐ 48-Hr

☐ 72-Hr ☐ 4-Day

Detection Limit Requirements

Regulations? MCL 5-1/5-2

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

X= Na hydroxide

T= Na thiosulfate





Email: [info@contestlabs.com](mailto:info@contestlabs.com)

[www.contestlabs.com](http://www.contestlabs.com)

## CHAIN OF CUSTODY RECORD

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

Page 3 of 11

Company Name: TFC

$$150 \leq n \leq 170$$

600 Ktalle St.

Lowell MA 01854

David Sullivan

City of Allentown

Applied By: Jeff Sanders / H. R. #77

Costal Provided? (For Billing purposes) State Form Required?

	<input type="checkbox"/> yes	<input type="checkbox"/> no
proposal date	<input type="checkbox"/>	<input type="checkbox"/>

d ID	Sample Description
------	--------------------

Post-36 (30-36)

Post-36 (36-42)

Post-36 (42-48)	(ms/D.m.)
-----------------	-----------

Post-36 (48-54)

Post-36 (54-60)

V-21-20	(ex 66)
Post-27	(ex 11)

Post-3H (6-12)	1
----------------	---

atory Comments:

acquired by: (signature)

ived by: (signature)

qualified by: (signature)

lived by: (signature)

0 = other \_\_\_\_\_

0 = Other \_\_\_\_\_



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

# CHAIN OF CUSTODY RECORD

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

Company Name: TEC  
Address: 650 Suffolk St.

Telephone: (417) 866-3525  
Project # 115058  
Client PO #

Analyst: David Sullivan

Test Location: City of W.B. (Culinary)

Prepared By: J. Saunders / H. K. 725

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

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

d ID	Sample Description	Lab #	Start Date/Time	Step Date/Time	Comp- osite	Grab	*Matrix   Conc. Code   Code	Total Arsenic	Total Lead	ANALYSIS REQUESTED	# of containers	**Preservation	-Cont Code	-Cont. Code:	**Preservation Codes:
	Post-3H (12-18)		2/17/09	1052			S U	X	X						
	Post-3H (18-24)			1054				X	X						
	Post-3H (24-30)			1056				X	X						
	Post-3H (30-36)			1058				X	X						
	Post-3H (36-42)			1100				X	X						
	Post-3H (42-48) (plus)			1102				X	X						
	Post-3H (48-54)			1118				X	X						
	Post-3H (54-60)		2/17/09	1120			S U	X	X						

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

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

Quished by: (signature) \_\_\_\_\_ Date/Time: 2/17/09 1400

Quished by: (signature) \_\_\_\_\_ Date/Time: 2-17-09 1600

Quished by: (signature) \_\_\_\_\_ Date/Time: 2-17-09 1818

Quished by: (signature) \_\_\_\_\_ Date/Time: 2/17/09 1818

Turnaround \*\*  
☐ 7-Day  
☐ 10-Day  
☒ Other 5-10  
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: See Quote

\*Require lab approval  
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, CONTEST LABS WILL NOT START TURNAROUND TIME.



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

# CHAIN OF CUSTODY RECORD

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

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

Telephone: (978) 656-3525  
Project # 115058  
Client PO # \_\_\_\_\_

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

Proposal Provided? (For Billing purposes)  
☒ Yes 2007 ☐ No  
State Form Required?  
☒ Yes ☐ No

Sample Description	Lab #	Start Date/Time	Step Date/Time	Comp. Date/Time	Grav	Matrix Code	Conc. Code	Total Arsenic	Total Lead
Post-3I (6-12)		2/17/09	1140		6	S	U	X	
Post-3I (12-18)			1142					X	
Post-3I (18-24)			1144					X	
Post-3I (24-30)			1146					X	
Post-3I (30-36)			1148					X	
Post-3I (36-42)			1150					X	
Post-3I (42-48)			1152					X	
Post-3I (48-54)		2/17/09	1200		6	S	U	X	

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

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

## Detection Limit Requirements

Regulations? MCL 5-15-2

Data Enhancement Project/RCP? ☒ Y ☐ N

Special Requirements or DLS: See Certificate

## 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=summary can  
T=tedlar bag  
O=Other

Client Comments:

Quished by: (signature) \_\_\_\_\_ Date/Time: 2/17/09 1600  
Quished by: (signature) \_\_\_\_\_ Date/Time: 2/17/09 1600  
Quished by: (signature) \_\_\_\_\_ Date/Time: 2-17-09 1616  
Quished by: (signature) \_\_\_\_\_ Date/Time: 2/17/09 1818

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

\* Require lab approval



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 4

Company Name: TRC  
Address: 650 Suffolk St.  
Lowell MA 01554

Telephone: (978) 636-3565  
Project # 115058  
Client PO #

Location: David Sullivan

Project Location: City of NB (Wish)

Prepared By: J. Sanders / H. Ritzer

Proposal Provided? (For Billing purposes)  
☒ Yes 2007 proposal date

State Form Required?  
☒ Yes ☐ No

DATA DELIVERY (check one):  
☐ FAX ☒ EMAIL ☐ WEBSITE CLIENT  
Fax # :  
Email: sullivan@trcsoil.com  
Format: ☒ EXCEL ☐ PDF ☒ GIS KEY  
☐ OTHER

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

	Post-31 (54-60)		2/17/07	1202		6	S	U	X	X										
	Post-31 (60-66)								X	X										
	Post-35 (60-66)								X	X										
	Post-35 (6-6)								X	X										
	Post-35 (6-12)								X	X										
	Post-35 (12-18)								X	X										
	Post-35 (18-24)								X	X										
	Post-35 (24-30)								X	X										

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

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

Turnaround \*\*  
☐ 7-Day  
☐ 10-Day  
☒ Other 5 day  
RUSH \*

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

Data Enhancement Project/RCP? ☒ Y ☐ N  
Special Requirements or DL's: See Quote

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

Signature: [Signature] Date/Time: 2/17/07 1600  
Signature: [Signature] Date/Time: 2-17-07 1600  
Signature: [Signature] Date/Time: 2-17-07 1818  
Signature: [Signature] Date/Time: 2/17/07 1818

ROUND 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 TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED.

**Sample Receipt Checklist**
 CLIENT NAME: TRE RECEIVED BY: OF DATE: 2/17/09

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:

19Permission 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	
500 mL Amber		4 oz clear jar	86
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:

mL vials: # HCl \_\_\_\_\_ # Methanol \_\_\_\_\_

# Bisulfate \_\_\_\_\_ # DI Water \_\_\_\_\_

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

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

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