



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

REPORT DATE 3/2/2009

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

CONTRACT NUMBER:
PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23429

JOB NUMBER: 115058

PROJECT LOCATION: NEW BEDFORD-WALSH

FIELD SAMPLE #	LAB ID	MATRIX	SAMPLE DESCRIPTION	TEST	Subcontract Lab (if any) Cert. Nos.
POST-3S(30-36)	09B05059	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3S(30-36)	09B05059	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3S(30-36)	09B05059	SOIL	Not Specified	solids (percent)	
POST-3S(36-42)	09B05060	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3S(36-42)	09B05060	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3S(36-42)	09B05060	SOIL	Not Specified	solids (percent)	
POST-3S(42-48)	09B05061	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3S(42-48)	09B05061	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3S(42-48)	09B05061	SOIL	Not Specified	solids (percent)	
POST-3S(48-54)	09B05062	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3S(48-54)	09B05062	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3S(48-54)	09B05062	SOIL	Not Specified	solids (percent)	
POST-3S(54-60)QC	09B05063	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3S(54-60)QC	09B05063	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3S(54-60)QC	09B05063	SOIL	Not Specified	solids (percent)	
POST-3T(12-18)	09B05065	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3T(12-18)	09B05065	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3T(12-18)	09B05065	SOIL	Not Specified	solids (percent)	
POST-3T(18-24)	09B05066	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3T(18-24)	09B05066	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3T(18-24)	09B05066	SOIL	Not Specified	solids (percent)	
POST-3T(24-30)	09B05067	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3T(24-30)	09B05067	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3T(24-30)	09B05067	SOIL	Not Specified	solids (percent)	
POST-3T(30-36)	09B05068	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3T(30-36)	09B05068	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3T(30-36)	09B05068	SOIL	Not Specified	solids (percent)	
POST-3T(36-42)	09B05069	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3T(36-42)	09B05069	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3T(36-42)	09B05069	SOIL	Not Specified	solids (percent)	
POST-3T(42-48)	09B05070	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3T(42-48)	09B05070	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3T(42-48)	09B05070	SOIL	Not Specified	solids (percent)	
POST-3T(48-54)QC	09B05071	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3T(48-54)QC	09B05071	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3T(48-54)QC	09B05071	SOIL	Not Specified	solids (percent)	
POST-3T(54-60)	09B05072	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3T(54-60)	09B05072	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3T(54-60)	09B05072	SOIL	Not Specified	solids (percent)	



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ANALYTICAL SUMMARY

LIMS BAT #: LIMIT-23429

JOB NUMBER: 115058

POST-3T(6-12)	09B05064	SOIL	Not Specified	as (mg/kg)dw icp
POST-3T(6-12)	09B05064	SOIL	Not Specified	pb (mg/kg)dw icp
POST-3T(6-12)	09B05064	SOIL	Not Specified	solids (percent)
POST-4Z(54-60)	09B05073	SOIL	Not Specified	as (mg/kg)dw icp
POST-4Z(54-60)	09B05073	SOIL	Not Specified	pb (mg/kg)dw icp
POST-4Z(54-60)	09B05073	SOIL	Not Specified	solids (percent)



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CONTRACT NUMBER:
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ANALYTICAL SUMMARY

LIMS BAT #: LIMIT-23429
JOB NUMBER: 115058

Comments :

LIMS BATCH NO. : LIMIT-23429

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, for sample 09B05063, the duplicate rpd is out of control limits for Pb. Outlier can be attributed to sample non homogeneity or a "hot spot" encountered during sample prep. Reduced precision expected for this element. For samples 09B05063 and 09b05071, the ms and msd recoveries are outside control limits for Pb. Analysis is in control based on laboratory fortified blank recovery. For sample 09B05071, the ms recovery is >30%; no corrective action is necessary. Possibility of sample matrix effects that may lead to a low bias for reported result cannot be eliminated. For sample 09B05063, possibility of sample matrix effects that may lead to a high bias for reported result cannot be eliminated.

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, ms and msd were performed on samples 09B05063 and 09B05071.
For sample 09B05071, the ms recovery is outside control limits for As, but the msd was within limits. Outlier can be viewed as a one-time anomaly. Analysis is in control based on laboratory fortified blank recovery.

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.


SIGNATURE

3/2/09
DATE

Tod Kopyscinski
Air Laboratory Manager

Michael Erickson
Assistant Laboratory Director



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ANALYTICAL SUMMARY

LIMS BAT #: LIMIT-23429

JOB NUMBER: 115058

Edward Denson
Technical Director

Daren Damboragian
Organics Department Supervisor

* See end of data tabulation for notes and comments pertaining to this sample

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Purchase Order No.:

Project Location: NEW BEDFORD-WALSH
Date Received: 2/20/2009

LIMS-BAT #: LIMIT-23429
Job Number: 115058

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

Sample ID : 09B05059 ‡Sampled : 2/20/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt	9.22	02/27/09	KSH	2.94		

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

Sample ID : 09B05060 ‡Sampled : 2/20/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt	3.20	02/27/09	KSH	2.93		

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

Sample ID : 09B05061 ‡Sampled : 2/20/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt	3.49	02/27/09	KSH	2.90		

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

Sample ID : 09B05062 ‡Sampled : 2/20/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt	3.10	02/27/09	KSH	2.97		

Field Sample # : POST-3S(54-60)QC

Sample ID : 09B05063 ‡Sampled : 2/20/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt	4.21	02/27/09	KSH	3.53		

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‡ = 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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TRC SOLUTIONS - LOWELL
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Purchase Order No.:

Project Location: NEW BEDFORD-WALSH
Date Received: 2/20/2009

LIMS-BAT #: LIMIT-23429
Job Number: 115058

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

Sample ID : 09B05065 ‡Sampled : 2/20/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt	6.11	02/27/09	KSH	3.00		

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

Sample ID : 09B05066 ‡Sampled : 2/20/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt	ND	02/27/09	KSH	2.73		

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

Sample ID : 09B05067 ‡Sampled : 2/20/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt	ND	02/27/09	KSH	2.81		

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

Sample ID : 09B05068 ‡Sampled : 2/20/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt	4.09	02/27/09	KSH	2.82		

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

Sample ID : 09B05069 ‡Sampled : 2/20/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt	ND	02/27/09	KSH	2.72		

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LOWELL, MA 01852

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Purchase Order No.:

Project Location: NEW BEDFORD-WALSH
Date Received: 2/20/2009

LIMS-BAT #: LIMIT-23429
Job Number: 115058

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

Sample ID : 09B05070 ‡Sampled : 2/20/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt	3.87	02/27/09	KSH	2.88		

Field Sample # : POST-3T(48-54)QC

Sample ID : 09B05071 ‡Sampled : 2/20/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt	3.13	02/27/09	KSH	2.88		

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

Sample ID : 09B05072 ‡Sampled : 2/20/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt	3.74	02/27/09	KSH	3.16		

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

Sample ID : 09B05064 ‡Sampled : 2/20/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt	21.8	02/27/09	KSH	2.97		

Field Sample # : POST-4Z(54-60)

Sample ID : 09B05073 ‡Sampled : 2/20/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt	3.32	02/27/09	KSH	2.96		

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Purchase Order No.:

Project Location: NEW BEDFORD-WALSH
Date Received: 2/20/2009

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LIMS-BAT #: LIMT-23429
Job Number: 115058

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: NEW BEDFORD-WALSH

LIMS-BAT #: LIMIT-23429

Date Received: 2/20/2009

Job Number: 115058

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

Sample ID: 09B05059

‡Sampled : 2/20/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	123	02/27/09	KSH	0.88		

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

Sample ID: 09B05060

‡Sampled : 2/20/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	16.7	02/27/09	KSH	0.88		

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

Sample ID: 09B05061

‡Sampled : 2/20/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	22.8	02/27/09	KSH	0.87		

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

Sample ID: 09B05062

‡Sampled : 2/20/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	19.3	02/27/09	KSH	0.89		

Field Sample #: POST-3S(54-60)QC

Sample ID: 09B05063

‡Sampled : 2/20/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	75.1	02/27/09	KSH	1.06		

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TRC SOLUTIONS - LOWELL
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Purchase Order No.:

Project Location: NEW BEDFORD-WALSH
Date Received: 2/20/2009

LIMS-BAT #: LIMIT-23429
Job Number: 115058

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

Sample ID : 09B05065 ‡Sampled : 2/20/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	35.8	02/27/09	KSH	0.90		

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

Sample ID : 09B05066 ‡Sampled : 2/20/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	26.0	02/27/09	KSH	0.82		

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

Sample ID : 09B05067 ‡Sampled : 2/20/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	1060	02/27/09	KSH	0.85		

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

Sample ID : 09B05068 ‡Sampled : 2/20/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	540	02/27/09	KSH	0.85		

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

Sample ID : 09B05069 ‡Sampled : 2/20/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	31.7	02/27/09	KSH	0.82		

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Purchase Order No.:

Project Location: NEW BEDFORD-WALSH

LIMS-BAT #: LIMIT-23429

Date Received: 2/20/2009

Job Number: 115058

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

Sample ID: 09B05070

‡Sampled : 2/20/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	48.0	02/27/09	KSH	0.87		

Field Sample #: POST-3T(48-54)QC

Sample ID: 09B05071

‡Sampled : 2/20/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	22.7	02/27/09	KSH	0.87		

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

Sample ID: 09B05072

‡Sampled : 2/20/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	155	02/27/09	KSH	0.95		

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

Sample ID: 09B05064

‡Sampled : 2/20/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	32.6	02/27/09	KSH	0.90		

Field Sample #: POST-4Z(54-60)

Sample ID: 09B05073

‡Sampled : 2/20/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Lead	mg/kg dry wt	99.9	02/27/09	KSH	0.89		

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Project Location: NEW BEDFORD-WALSH
Date Received: 2/20/2009

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LIMS-BAT #: LIMIT-23429
Job Number: 115058

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: NEW BEDFORD-WALSH

LIMS-BAT #: LIMIT-23429

Date Received: 2/20/2009

Job Number: 115058

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

Sample ID : 09B05059

‡Sampled : 2/20/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	85.3	02/26/09	FD			

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

Sample ID : 09B05060

‡Sampled : 2/20/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	85.5	02/26/09	FD			

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

Sample ID : 09B05061

‡Sampled : 2/20/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	86.5	02/26/09	FD			

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

Sample ID : 09B05062

‡Sampled : 2/20/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	84.4	02/26/09	FD			

Field Sample #: POST-3S(54-60)QC

Sample ID : 09B05063

‡Sampled : 2/20/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	70.9	02/26/09	FD			

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

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

3/2/2009

Page 10 of 13

Purchase Order No.:

Project Location: NEW BEDFORD-WALSH

LIMS-BAT #: LIMIT-23429

Date Received: 2/20/2009

Job Number: 115058

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

Sample ID: 09B05065

‡Sampled: 2/20/2009

Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	83.4	02/26/09	FD			

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

Sample ID: 09B05066

‡Sampled: 2/20/2009

Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	91.9	02/26/09	FD			

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

Sample ID: 09B05067

‡Sampled: 2/20/2009

Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	89.2	02/26/09	FD			

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

Sample ID: 09B05068

‡Sampled: 2/20/2009

Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	88.7	02/26/09	FD			

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

Sample ID: 09B05069

‡Sampled: 2/20/2009

Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	92.0	02/26/09	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

3/2/2009

Page 11 of 13

Purchase Order No.:

Project Location: NEW BEDFORD-WALSH

LIMS-BAT #: LIMIT-23429

Date Received: 2/20/2009

Job Number: 115058

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

Sample ID: 09B05070

‡Sampled: 2/20/2009

Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	87.0	02/26/09	FD			

Field Sample #: POST-3T(48-54)QC

Sample ID: 09B05071

‡Sampled: 2/20/2009

Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	87.1	02/26/09	FD			

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

Sample ID: 09B05072

‡Sampled: 2/20/2009

Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	79.3	02/26/09	FD			

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

Sample ID: 09B05064

‡Sampled: 2/20/2009

Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	84.2	02/26/09	FD			

Field Sample #: POST-4Z(54-60)

Sample ID: 09B05073

‡Sampled: 2/20/2009

Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	84.5	02/26/09	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

3/2/2009
Page 12 of 13

Purchase Order No.:

Project Location: NEW BEDFORD-WALSH
Date Received: 2/20/2009

LIMS-BAT #: LIMIT-23429
Job Number: 115058

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

3/2/2009

Page 13 of 13

Purchase Order No.:

Project Location: NEW BEDFORD-WALSH
Date Received: 2/20/2009

LIMS-BAT #: LIMIT-23429
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.



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: 3/2/2009

Lims Bat #: LIMIT-23429

Page 1 of 3

QC Batch Number: ICP-21256

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B05063	Arsenic	Sample Amount	4.20	mg/kg dry wt	
		Duplicate Value	5.57	mg/kg dry wt	
		Duplicate RPD	27.94	%	0-35
		Sample Amount	4.20	mg/kg dry wt	
		Matrix Spk Amt Added	35.26	mg/kg dry wt	
		MS Amt Measured	37.00	mg/kg dry wt	
		Matrix Spike % Rec.	93.03	%	75-125
		MSD Amount Added	35.26	mg/kg dry wt	
		MSD Amt Measured	37.39	mg/kg dry wt	
		MSD % Recovery	94.11	%	75-125
		MSD Range	1.08	units	
		MS Duplicate RPD	1.02	%	0-35
	Lead	Sample Amount	75.11	mg/kg dry wt	
		Duplicate Value	150.07	mg/kg dry wt	
		Duplicate RPD	66.57	%	0-35
		Sample Amount	75.11	mg/kg dry wt	
		Matrix Spk Amt Added	35.26	mg/kg dry wt	
		MS Amt Measured	130.07	mg/kg dry wt	
		Matrix Spike % Rec.	155.85	%	75-125
		MSD Amount Added	35.26	mg/kg dry wt	
		MSD Amt Measured	123.20	mg/kg dry wt	
		MSD % Recovery	136.37	%	75-125
		MSD Range	19.47	units	
		MS Duplicate RPD	5.42	%	0-35
09B05071	Arsenic	Sample Amount	3.13	mg/kg dry wt	
		Duplicate Value	3.62	mg/kg dry wt	
		Duplicate RPD	14.71	%	0-35
		Sample Amount	3.13	mg/kg dry wt	
		Matrix Spk Amt Added	28.70	mg/kg dry wt	
		MS Amt Measured	22.38	mg/kg dry wt	
		Matrix Spike % Rec.	67.07	%	75-125
		MSD Amount Added	28.70	mg/kg dry wt	
	Lead	MSD Amt Measured	29.56	mg/kg dry wt	
		MSD % Recovery	92.11	%	75-125
		MSD Range	25.03	units	
		MS Duplicate RPD	27.66	%	0-35
		Sample Amount	22.65	mg/kg dry wt	
		Duplicate Value	26.22	mg/kg dry wt	
		Duplicate RPD	14.62	%	0-35
		Sample Amount	22.65	mg/kg dry wt	
		Matrix Spk Amt Added	28.70	mg/kg dry wt	
		MS Amt Measured	36.18	mg/kg dry wt	

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: 3/2/2009

Lims Bat # : LIMIT-23429

Page 2 of 3

QC Batch Number: ICP-21256

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B05071	Lead	Matrix Spike % Rec.	47.15	%	75-125
		MSD Amount Added	28.70	mg/kg dry wt	
		MSD Amt Measured	43.93	mg/kg dry wt	
		MSD % Recovery	74.15	%	75-125
		MSD Range	27.00	units	
		MS Duplicate RPD	19.34	%	0-35
BLANK-130110	Arsenic	Blank	<2.50	mg/kg dry wt	
	Lead	Blank	<0.75	mg/kg dry wt	
LFBLANK-92256	Arsenic	Lab Fort Blank Amt.	123.00	mg/kg dry wt	
		Lab Fort Blk. Found	113.16	mg/kg dry wt	
		Lab Fort Blk. % Rec.	92.00	%	80-120
		Dup Lab Fort Bl Amt.	123.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	125.45	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	101.99	%	80-120
		Lab Fort Blank Range	9.99	units	
		Lab Fort Bl. Av. Rec	96.99	%	
		LFB Duplicate RPD	10.30	%	0-30
	Lead	Lab Fort Blank Amt.	136.00	mg/kg dry wt	
		Lab Fort Blk. Found	112.82	mg/kg dry wt	
		Lab Fort Blk. % Rec.	82.95	%	82-118
		Dup Lab Fort Bl Amt.	136.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	126.28	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	92.85	%	82-118
		Lab Fort Blank Range	9.89	units	
		Lab Fort Bl. Av. Rec	87.90	%	
		LFB Duplicate RPD	11.25	%	0-30



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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Method Blanks

Report Date:

3/2/2009

Lims Bat #: LIMIT-23429

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 #: LIMT-23429
Project Location: NEW BEDFORD - WALSA	MADEP RTN ¹ :

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

09805059 - 09805073

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

MCP SW-846 Methods Used	8260B ()	8151A ()	8330 ()	6010B (X)	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?	X 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?	X 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"?	X 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 X No ¹
F	Were results for all analyte-list compounds/elements for the specified method(s) reported?	<input type="checkbox"/> Yes X 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>Tod Kopyscinski</u>	Position: Director of Operations
Printed Name: Tod Kopyscinski	Date: <u>3-2-09</u>



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 8

Company Name: TRC

Address: 6050 Sullivan St.

Lowell, MA

Attention: David Sullivan

Project Location: New Bedford - H2154

Sampled By: H. Rizzo

Proposal Provided? (For Billing purposes)

☐ yes ☐ no proposal date

State Form Required?

☒ yes ☐ no

Telephone: 978 970-5200

Project # 115058

Client PO #

DATA DELIVERY (check one):

☐ FAX ☒ EMAIL ☐ WEBSITE CLIENT

Fax #:

Email: dsullivan@contestlabs.com

Format: ☒ EXCEL ☒ PDF ☐ GIS KEY

☐ OTHER

Date Sampled

Start Date/Time

Stop Date/Time

Comp-
osite

Grab

Matrix
Code

Conc.
Code

Analysis Requested

Cont. Code

Preservation

of containers

Comments:

Red Cooler

OS059 POST-35 (30-36)

OS060 POST-35 (36-42)

OS061 POST-35 (42-48)

OS062 POST-35 (48-54)

OS063 POST-35 (54-60)

OS064 POST-3T (6-12)

OS065 POST-3T (12-18)

OS066 POST-3T (18-24)

Retinquinshed by: (signature)

Received by: (signature)

Retinquinshed by: (signature)

Received by: (signature)

Date/Time: 2/20/09 16:00

Date/Time: 2-20-09 16:05

Date/Time: 2-20-09 16:20

Date/Time: 2/20/09 18:20

Turnaround **

☐ 7-Day

☐ 10-Day

☒ Other 5

RUSH *

☐ *24-Hr ☐ *48-Hr

☐ *72-Hr ☐ *4-Day

* Require lab approval

Detection Limit Requirements

Regulations? MSP-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

**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

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

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

** 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

AIHA, NELAP & WBE/DBE Certified



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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:

Address:

Attention:

Project Location:

Sampled By:

Proposal Provided? (For Billing purposes)

State Form Required?

Field ID

Sample Description

Lab #

Date Sampled

Start Date/Time

Stop Date/Time

Comp-oste

Grab

*Matrix Code

*Conc. Code

ANALYSIS REQUESTED

Client

Comments:

Telephone:

Project #

Client PO #

DATA DELIVERY (check one):

CFAX

Fax #:

Email:

Format:

EXCEL

PDF

GIS KEY

OTHER

Turnaround **

7-Day

10-Day

Other

RUSH *

*24-Hr

*48-Hr

*72-Hr

*4-Day

Regulations?

Data Enhancement Project/RCP?

Special Requirements or D.L's:

*Matrix Code:

GW = groundwater

WW = wastewater

DW = drinking water

A = air

of containers

**Preservation

-Cont. Code

-Cont. Code:

A=amber glass

G=glass

P=plastic

ST=sterile

V= vial

S=summary can

T=tedar bag

O=Other

I = Ice

H = HCL

M = Methanol

N = Nitric Acid

S = Sulfuric Acid

B = Sodium bisulfate

O = Other

X = Na hydroxide

T = Na thiosulfate

Red Cooler

Requisitioned by: (signature)

Date/Time:

Received by: (signature)

Date/Time:

Relinquished by: (signature)

* 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: RLC

Address: 650 Suffolk St.

Attention: David Sullivan

Project Location: New Bedford - Walsh

Sampled By: H. Rietz

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

Fax #:

Email: dsullivan@ryscilabs.com

Format: ☒ EXCEL ☐ PDF ☐ GIS KEY

☐ OTHER

Date Sampled
Start Date/Time: 2/20/09 0900
Stop Date/Time: 0902

Comp. Code: X Grab Code: S Matrix Code: U

Matrix Code: X

AS + D₀

ANALYSIS REQUESTED

Cont. Code: A - amber glass

G - glass

P - plastic

ST - sterile

V - vial

S - summa can

T - tedlar bag

O - Other

of containers

**Preservation

Cont. Code

**Matrix Code:

**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

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
RUSH *

Detection Limit Requirements
Regulations? MR 511.5-2

Data Enhancement Project/RCP? ☒ ☐ 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

*Require lab approval

Laboratory Comments:

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.



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CHAIN OF CUSTODY RECORD

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

Page 2 of 2

Company Name: MLC

Address: 600 Suffolk St.

City/State: Lowell, MA

Attention: David Sullivan

Project Location: New Bedford - Walsh

Sampled By: It. Pizza

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

Fax #:

Email: dsullivan@contestlabs.com

Format: ☒ EXCEL ☐ PDF ☐ GIS KEY

☐ OTHER

Date Sampled

Start Date/Time

Stop Date/Time

2/20/09 0934

0952

0952

0954

0956

0958

1000

1002

1002

1002

1002

1002

1002

1002

1002

1002

1002

1002

1002

1002

1002

1002

As + Pb

ANALYSIS REQUESTED

Cont. Code: A=amber glass, G=glass, P=plastic, ST=sterile, V=vial, S=summa can, T=tedar bag, O=Other

Comments:

Client

Field ID

Sample Description

Lab #

Post-30 (54-60)

Post-30 (6-12)

Post-30 (12-18)

Post-30 (18-24)

Post-30 (24-30)

Post-30 (30-36)

Post-30 (36-42)

Post-30 (42-48)

Post-30 (48-54)

Post-30 (54-60)

Post-30 (60-66)

Post-30 (66-72)

Post-30 (72-78)

Post-30 (78-84)

Post-30 (84-90)

Post-30 (90-96)

Post-30 (96-102)

Post-30 (102-108)

Post-30 (108-114)

Post-30 (114-120)

Post-30 (120-126)

Post-30 (126-132)

Post-30 (132-138)

Post-30 (138-144)

Post-30 (144-150)

of containers

**Preservation

Cont. Code

Preservation

Cont. Code

Preservation

Cont. Code

Preservation

Cont. Code

Preservation

Cont. Code

Preservation

Cont. Code

Preservation

Cont. Code

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Cont. Code

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Cont. Code

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Cont. Code

Preservation

Cont. Code

Preservation

Cont. Code



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CHAIN OF CUSTODY RECORD

39 SPRUCE ST, 2ND FLOOR
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Page 3 of 5

Company Name:

TRC

Address:

650 Suffolk St.

Lowell, MA

Attention:

Daniel Sullivan

Project Location:

New Bedford - Walsh

Sampled By:

H. R. Zacc

Proposal Provided? (For Billing purposes)

☐ yes ☐ no

State Form Required?

☒ yes ☐ no

Telephone: (978) 976-5260

Project # 115058

Client PO #

DATA DELIVERY (check one):

☐ FAX ☒ EMAIL ☐ WEBSITE CLIENT

Fax #:

Email: dsullivan@prescriptions.com

Format:

☒ EXCEL ☒ PDF ☐ GIS KEY

☐ OTHER

Date Sampled

Start Date/Time

Stop Date/Time

Comp. Grab

Matrix Code

Conc. Code

ANALYSIS REQUESTED

Cont. Code

Preservation

of containers

Comments:

Field ID

Sample Description

Lab #

POST-30 (48-54)

POST-40 (48-54)

POST-3P (6-12)

POST-3P (12-18)

POST-3P (15-24)

POST-3P (24-30)

POST-3P (30-36)

POST-3P (36-42)

1114

1030

1032

1034

1036

1038

1040

1042

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

Regulations? MCP 5-1/3-2

Data Enhancement Project/RCP? ☒ Y ☐ N

Special Requirements or DLs:

*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 = summa can

T = tedlar bag

O = Other

Client

Comments:

Field ID

Sample Description

Lab #

POST-30 (48-54)

POST-40 (48-54)

POST-3P (6-12)

POST-3P (12-18)

POST-3P (15-24)

POST-3P (24-30)

POST-3P (30-36)

POST-3P (36-42)

1114

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1080

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1096

1098

1100

1102

1104

1106

1108

1110

1112

1114

1116

1118

1120

1122

1124

1126

1128

1130

1132

1134

1136

1138

1140

1142

1144

1146

1148

1150

1152

1154

1156

1158

1160

1162

1164

1166

1168

1170

1172

1174

1176

1178

1180

1182

1184

1186

1188

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1196

1198

1200

1202

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1234

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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 5 of 5

Company Name:

TPC

Address:

658 Suffolk St

Attention:

David Sullivan

Project Location:

New Bedford - Analysis

Sampled By:

H. Peltzer

Proposal Provided? (For Billing purposes)

☐ yes

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: dsullivan@protestlabs.com

Format: ☒ EXCEL ☒ PDF ☐ GIS KEY

☐ OTHER

Date Sampled

Start Date/Time Stop Date/Time

2/26/09

1124

1128

1145

1220

1222

1224

1226

1228

1228

1228

1228

1228

1228

1228

2/26/09

1124

1128

1145

1220

1222

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1226

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2/26/09

1124

1128

1145

1220

1222

1224

1226

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CHAIN OF CUSTODY RECORD

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

Page 6 of 28

Company Name: TRC
Address: 1030 Suffolk St
Lowell, MA
Attention: Dave Sullivan
Project Location: New Bedford, Mass
Sampled By: H. Kizer

Telephone: (978) 970-5200
Project # 115658
Client PO #
DATA DELIVERY (check one):
CFAX ☒ EMAIL ☐ WEBSITE CLIENT
Fax # :
Email: dsullivan@the-scientists.com
Format: ☒ EXCEL ☒ PDF ☐ GIS KEY

Proposal Provided? (For Billing purposes)	State Form Required?
--	-----------------------------

☐ OTHER _____

<input type="checkbox"/> yes	proposal date	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
Field ID	Sample Description	Lab #	

Date Sampled		Comp- osite	Grab	*Matrix Conc	
Start Date/Time	Stop Date/Time			Code	Code

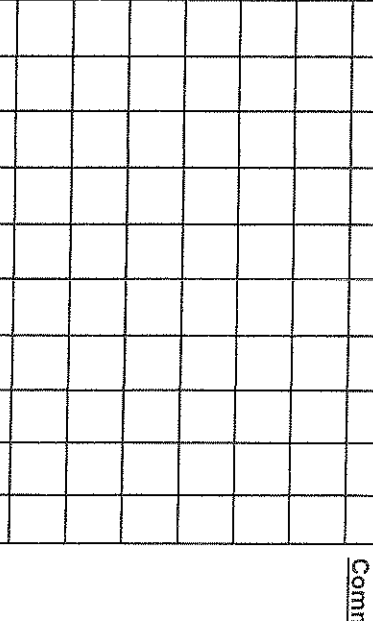
[illegible]

POST-3R (36-42)	
POST-3R (42-48)	
POST-41 (48-54)	
POST-3R (48-54)	
POST-3S (6-12)	
POST-3S (12-18)	
POST-3S (18-24)	
POST-3S (24-30)	

2p0109	1230	X	S	u
	1232			
	1334			
	1234			
	1338			
	1340			
	1342			
	1344			

Client _____

Comments: _____



Please use the
beginning of

the following codes to let Cor-Test know if a specific sample may be concentrated in **Matrix/Conc.** Code Box:

Belinquished by: (signature)	Date/TIME:
------------------------------	------------

H - High; M -

Medium; L - Low; C - Clean; U - Unknown

Received by (signature)	2/22/05	160
-------------------------	---------	-----

☐ 7-Day

1 Round

1 Detection Limit Regu

1 Regulations? MLP 5-11

502 / **Requirements**
***Matrix Code:**
****Preservation Codes:**
I = Iced X = Na hydroxide
 GW = groundwater

Date/Time:	1605
Received by (signature)	[Signature]
Relinquished by: (signature)	[Signature]

10-Day ☐ Other 5

Data Enhancement Project/F

WW = wastewater
DW = drinking water
H = HCL
T = Na thiosulfate
M = Methanol

Date/Time: 2-20-09 18:20	Signature:
-----------------------------	----------------

☐ *24-Hr ☐ *48-Hr

RUSH *

Special Requirements or DL

A = air
S = soil/solid
N = Nitric Acid
S = Sulfuric Acid

Received by: (signature)	Temp 5°C
Date/Time:	3/20/09 18:20

☐ *72-Hr ☐ *4-Day

SL = sludge
B = Sodium bisulfate
O = other

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

www.contestlabs.com



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

Sample Receipt Checklist

CLIENT NAME: TRC MA RECEIVED BY: KA DATE: 8/20/09

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

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

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

4) How were the samples received:

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

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

Temperature °C by Temp blank _____ Temperature °C by Temp gun 5°C

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

Who was notified _____ Date _____ Time _____

6) Are there any samples "On Hold"?

KA Yes No Stored where: _____
Yes No

7) Are there any RUSH or SHORT HOLDING TIME samples?

Who was notified _____ Date _____ Time _____

8) Location where samples are stored:

19B

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	
500 mL Amber		4 oz clear jar	<u>66</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