



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

REPORT DATE 2/27/2009

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

CONTRACT NUMBER:
PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMIT-23428

JOB NUMBER: 115058

PROJECT LOCATION: NEW BEDFORD-WALSH

FIELD SAMPLE #	LAB ID	MATRIX	SAMPLE DESCRIPTION	TEST	Subcontract Lab (if any) Cert. Nos.
POST-3Q(36-42)	09B05043	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3Q(36-42)	09B05043	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3Q(36-42)	09B05043	SOIL	Not Specified	solids (percent)	
POST-3Q(42-48)	09B05044	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3Q(42-48)	09B05044	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3Q(42-48)	09B05044	SOIL	Not Specified	solids (percent)	
POST-3Q(48-54)	09B05045	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3Q(48-54)	09B05045	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3Q(48-54)	09B05045	SOIL	Not Specified	solids (percent)	
POST-3R(12-18)	09B05047	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3R(12-18)	09B05047	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3R(12-18)	09B05047	SOIL	Not Specified	solids (percent)	
POST-3R(18-24)	09B05048	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3R(18-24)	09B05048	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3R(18-24)	09B05048	SOIL	Not Specified	solids (percent)	
POST-3R(24-30)	09B05049	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3R(24-30)	09B05049	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3R(24-30)	09B05049	SOIL	Not Specified	solids (percent)	
POST-3R(30-36)	09B05050	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3R(30-36)	09B05050	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3R(30-36)	09B05050	SOIL	Not Specified	solids (percent)	
POST-3R(36-42)	09B05051	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3R(36-42)	09B05051	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3R(36-42)	09B05051	SOIL	Not Specified	solids (percent)	
POST-3R(42-48)	09B05052	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3R(42-48)	09B05052	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3R(42-48)	09B05052	SOIL	Not Specified	solids (percent)	
POST-3R(48-54)	09B05054	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3R(48-54)	09B05054	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3R(48-54)	09B05054	SOIL	Not Specified	solids (percent)	
POST-3R(6-12)	09B05046	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3R(6-12)	09B05046	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3R(6-12)	09B05046	SOIL	Not Specified	solids (percent)	
POST-3S(12-18)	09B05056	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3S(12-18)	09B05056	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3S(12-18)	09B05056	SOIL	Not Specified	solids (percent)	
POST-3S(18-24)	09B05057	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3S(18-24)	09B05057	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3S(18-24)	09B05057	SOIL	Not Specified	solids (percent)	



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

REPORT DATE 2/27/2009

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

CONTRACT NUMBER:
PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMIT-23428

JOB NUMBER: 115058

POST-3S(24-30)	09B05058	SOIL	Not Specified	as (mg/kg)dw icp
POST-3S(24-30)	09B05058	SOIL	Not Specified	pb (mg/kg)dw icp
POST-3S(24-30)	09B05058	SOIL	Not Specified	solids (percent)
POST-3S(6-12)	09B05055	SOIL	Not Specified	as (mg/kg)dw icp
POST-3S(6-12)	09B05055	SOIL	Not Specified	pb (mg/kg)dw icp
POST-3S(6-12)	09B05055	SOIL	Not Specified	solids (percent)
POST-4I(48-54)	09B05053	SOIL	Not Specified	as (mg/kg)dw icp
POST-4I(48-54)	09B05053	SOIL	Not Specified	pb (mg/kg)dw icp
POST-4I(48-54)	09B05053	SOIL	Not Specified	solids (percent)



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

REPORT DATE 2/27/2009

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

CONTRACT NUMBER:
PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23428
JOB NUMBER: 115058

Comments :

LIMS BATCH NO. : LIMT-23428

CASE NARRATIVE SUMMARY

Recommended sample holding times were not exceeded for all samples analyzed by method(s) listed unless listed below: None Exceeded

All samples for the method(s) listed were received preserved properly in the proper containers at 4 degrees C +/- 2 degrees as specified on the chain-of-custody form unless listed below:
All properly preserved

In method 6010, duplicate RPD is outside control limits for Pb. Reduced precision is anticipated for reported result. MS recovery is outside control limits for Pb. Recovery is <30%, post spike = 89.6%. Possibility of sample matrix effects that may lead to a low bias for reported result cannot be eliminated.

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

DETAILED CASE NARRATIVE

METHOD SW846-6010 - ADDITIONAL COMMENTS

Only As and Pb were requested and reported.

Sample duplicate and matrix spike performed on sample 09B05048.

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 2/27/09

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

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

2/27/2009
Page 1 of 13

Purchase Order No.:

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

LIMS-BAT #: LIMIT-23428
Job Number: 115058

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

Sample ID : 09B05043 ‡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	4.10	02/26/09	KSH	2.91		

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

Sample ID : 09B05044 ‡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	4.58	02/26/09	KSH	2.98		

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

Sample ID : 09B05045 ‡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	9.26	02/26/09	KSH	3.28		

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

Sample ID : 09B05047 ‡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	54.2	02/26/09	KSH	3.02		

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

Sample ID : 09B05048 ‡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	4.62	02/26/09	KSH	2.75		

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

2/27/2009
Page 2 of 13

Purchase Order No.:

Project Location: NEW BEDFORD-WALSH

LIMS-BAT #: LIMIT-23428

Date Received: 2/20/2009

Job Number: 115058

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

Sample ID: 09B05049

±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	02/26/09	KSH	2.86		

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

Sample ID: 09B05050

±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	6.07	02/26/09	KSH	2.86		

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

Sample ID: 09B05051

±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	5.98	02/26/09	KSH	2.86		

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

Sample ID: 09B05052

±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	3.16	02/26/09	KSH	2.79		

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

Sample ID: 09B05054

±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	6.92	02/26/09	KSH	3.13		

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

2/27/2009
Page 3 of 13

Purchase Order No.:

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

LIMS-BAT #: LIMIT-23428
Job Number: 115058

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

Sample ID : 09B05046 ‡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	50.2	02/26/09	KSH	3.15		

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

Sample ID : 09B05056 ‡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	4.97	02/26/09	KSH	2.86		

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

Sample ID : 09B05057 ‡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	4.69	02/26/09	KSH	2.78		

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

Sample ID : 09B05058 ‡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	4.05	02/26/09	KSH	2.84		

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

Sample ID : 09B05055 ‡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	31.3	02/26/09	KSH	3.02		

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

2/27/2009
Page 4 of 13

Purchase Order No.:

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

LIMS-BAT #: LIMIT-23428
Job Number: 115058

Field Sample # : POST-4I(48-54)

Sample ID : 09B05053 ‡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	6.36	02/26/09	KSH	3.41		

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.

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

2/27/2009
Page 5 of 13

Purchase Order No.:

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

LIMS-BAT #: LIMIT-23428
Job Number: 115058

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

Sample ID : 09B05043 ‡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	32.0	02/26/09	KSH	0.88		

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

Sample ID : 09B05044 ‡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	34.7	02/26/09	KSH	0.90		

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

Sample ID : 09B05045 ‡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	514	02/26/09	KSH	0.99		

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

Sample ID : 09B05047 ‡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	28.9	02/26/09	KSH	0.91		

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

Sample ID : 09B05048 ‡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	91.3	02/26/09	KSH	0.83		

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

2/27/2009
Page 6 of 13

Purchase Order No.:

Project Location: NEW BEDFORD-WALSH

LIMS-BAT #: LIMIT-23428

Date Received: 2/20/2009

Job Number: 115058

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

Sample ID : 09B05049 ‡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	30.3	02/26/09	KSH	0.86		

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

Sample ID : 09B05050 ‡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	193	02/26/09	KSH	0.86		

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

Sample ID : 09B05051 ‡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	24.0	02/26/09	KSH	0.86		

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

Sample ID : 09B05052 ‡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	21.9	02/26/09	KSH	0.84		

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

Sample ID : 09B05054 ‡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	02/26/09	KSH	0.94		

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

2/27/2009
Page 7 of 13

Purchase Order No.:

Project Location: NEW BEDFORD-WALSH

LIMS-BAT #: LIMIT-23428

Date Received: 2/20/2009

Job Number: 115058

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

Sample ID : 09B05046

‡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	29.6	02/26/09	KSH	0.95		

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

Sample ID : 09B05056

‡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	88.7	02/26/09	KSH	0.86		

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

Sample ID : 09B05057

‡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	255	02/26/09	KSH	0.84		

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

Sample ID : 09B05058

‡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	62.2	02/26/09	KSH	0.85		

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

Sample ID : 09B05055

‡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	38.8	02/26/09	KSH	0.91		

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

2/27/2009
Page 8 of 13

Purchase Order No.:

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

LIMS-BAT #: LIMIT-23428
Job Number: 115058

Field Sample # : POST-4I(48-54)

Sample ID : 09B05053 ‡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	223	02/26/09	KSH	1.03		

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.

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

2/27/2009
Page 9 of 13

Purchase Order No.:

Project Location: NEW BEDFORD-WALSH

LIMS-BAT #: LIMIT-23428

Date Received: 2/20/2009

Job Number: 115058

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

Sample ID : 09B05043

‡Sampled : 2/20/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	86.2	02/26/09	FD			

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

Sample ID : 09B05044

‡Sampled : 2/20/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	83.9	02/26/09	FD			

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

Sample ID : 09B05045

‡Sampled : 2/20/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	76.4	02/26/09	FD			

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

Sample ID : 09B05047

‡Sampled : 2/20/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	82.8	02/26/09	FD			

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

Sample ID : 09B05048

‡Sampled : 2/20/2009
Not Specified

Sample Matrix: SOIL

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

2/27/2009

Page 10 of 13

Purchase Order No.:

Project Location: NEW BEDFORD-WALSH

LIMS-BAT #: LIMIT-23428

Date Received: 2/20/2009

Job Number: 115058

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

Sample ID: 09B05049

‡Sampled: 2/20/2009

Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	87.5	02/26/09	FD			

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

Sample ID: 09B05050

‡Sampled: 2/20/2009

Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	87.7	02/26/09	FD			

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

Sample ID: 09B05051

‡Sampled: 2/20/2009

Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	87.7	02/26/09	FD			

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

Sample ID: 09B05052

‡Sampled: 2/20/2009

Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	89.9	02/26/09	FD			

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

Sample ID: 09B05054

‡Sampled: 2/20/2009

Not Specified

Sample Matrix: SOIL

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

2/27/2009

Page 11 of 13

Purchase Order No.:

Project Location: NEW BEDFORD-WALSH

LIMS-BAT #: LIMIT-23428

Date Received: 2/20/2009

Job Number: 115058

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

Sample ID: 09B05046

‡Sampled: 2/20/2009

Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	79.5	02/26/09	FD			

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

Sample ID: 09B05056

‡Sampled: 2/20/2009

Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	87.6	02/26/09	FD			

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

Sample ID: 09B05057

‡Sampled: 2/20/2009

Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	90.2	02/26/09	FD			

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

Sample ID: 09B05058

‡Sampled: 2/20/2009

Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	88.3	02/26/09	FD			

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

Sample ID: 09B05055

‡Sampled: 2/20/2009

Not Specified

Sample Matrix: SOIL

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

2/27/2009
Page 12 of 13

Purchase Order No.:

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

LIMS-BAT #: LIMIT-23428
Job Number: 115058

Field Sample # : POST-4I(48-54)

Sample ID : 09B05053 ‡Sampled : 2/20/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	73.4	02/26/09	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

2/27/2009

Page 13 of 13

Purchase Order No.:

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

LIMS-BAT #: LIMT-23428
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: 2/27/2009

Lims Bat # : LIMIT-23428

Page 1 of 2

QC Batch Number: ICP-21243

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B05048	Arsenic	Sample Amount	4.61	mg/kg dry wt	
		Duplicate Value	4.61	mg/kg dry wt	
		Duplicate RPD	0.00	%	0-35
		Sample Amount	4.61	mg/kg dry wt	
		Matrix Spk Amt Added	27.41	mg/kg dry wt	
		MS Amt Measured	30.61	mg/kg dry wt	
		Matrix Spike % Rec.	94.83	%	75-125
	Lead	Sample Amount	91.32	mg/kg dry wt	
		Duplicate Value	59.21	mg/kg dry wt	
		Duplicate RPD	42.66	%	0-35
		Sample Amount	91.32	mg/kg dry wt	
		Matrix Spk Amt Added	27.41	mg/kg dry wt	
		MS Amt Measured	80.10	mg/kg dry wt	
		Matrix Spike % Rec.	-40.90	%	75-125
BLANK-130036	Arsenic	Blank	<2.50	mg/kg dry wt	
	Lead	Blank	<0.75	mg/kg dry wt	
LFBLANK-92173	Arsenic	Lab Fort Blank Amt.	123.00	mg/kg dry wt	
		Lab Fort Blk. Found	122.20	mg/kg dry wt	
		Lab Fort Blk. % Rec.	99.34	%	80-120
		Dup Lab Fort Bl Amt.	123.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	122.36	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	99.47	%	80-120
		Lab Fort Blank Range	0.13	units	
		Lab Fort Bl. Av. Rec	99.41	%	
		LFB Duplicate RPD	0.13	%	0-30
	Lead	Lab Fort Blank Amt.	136.00	mg/kg dry wt	
		Lab Fort Blk. Found	141.56	mg/kg dry wt	
		Lab Fort Blk. % Rec.	104.08	%	82-118
		Dup Lab Fort Bl Amt.	136.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	129.51	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	95.22	%	82-118
		Lab Fort Blank Range	8.86	units	
		Lab Fort Bl. Av. Rec	99.65	%	
		LFB Duplicate RPD	8.89	%	0-30



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

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Method Blanks

Report Date: 2/27/2009

Lims Bat #: LIMIT-23428

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: CON-TEST Analytical Laboratory	Project #: L1MT-23428
Project Location: NEW BEDFORD - WALSH	MADEP RTN ¹ :

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

09B05043-09B05058

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

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

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

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

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

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

¹ All Negative responses must be addressed in an attached Environmental Laboratory case narrative.

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

Signature: <u>Edward Denson</u>	Position: Technical Director
Printed Name: Edward Denson	Date: <u>2/27/09</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 5 of 5

Company Name:

TRC

Address:

658 Sullivan St

Attention:

David Sullivan

Project Location:

New Bedford - Nulshy

Sampled By:

H. Pizzuto

Proposal Provided? (For Billing purposes)

☐ yes

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@thesullivan.com

Format: ☒ EXCEL

☒ PDF

☐ GIS KEY

Date Sampled

Start Date/Time

Stop Date/Time

Comp-
oste

Grab

*Matrix
Code

Conc.
Code

As + Pb

Client
Comments:

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

Relinquished by: (signature)

Date/Time:

2/26/09 1600

Received by: (signature)

Date/Time:

2-20-09 1605

Relinquished by: (signature)

Date/Time:

2-20-09 1830

Received by: (signature)

Date/Time:

2/20/09 18:20

Turnaround **

☐ 7-Day

☐ 10-Day

☒ Other

RUSH *

☐ *24-Hr ☐ *48-Hr

☐ *72-Hr ☐ *4-Day

Detection Limit Requirements

Regulations?

5-1/3-2

Data Enhancement Project/RCP? ☒ Y ☐ N

Special Requirements or DL's:

*Matrix Code:

GW = groundwater

WW = wastewater

DW = drinking water

A = air

S = soil/solid

SL = sludge

O = other

**Preservation Codes:

I = Iced

H = HCL

M = Methanol

N = Nitric Acid

S = Sulfuric Acid

B = Sodium bisulfate

O = Other

ANALYSIS REQUESTED

of containers

**Preservation

-Cont Code

-Cont. Code:

A=amber glass

G=glass

P=plastic

ST=sterile

V=vial

S=Summa can

T=teardrop bag

O=Other

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

AIHA, NELAP & WBE/DBE Certified

Red Cooler



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 8

Company Name: TRC
Address: 650 Suffolk St
Lowell, MA

Attention: Dave Sullivan

Project Location: New Bedford, MA

Sampled By: H. Ritzer

Proposal Provided? (For Billing purposes)
☐ yes ☒ no

State Form Required?
☒ yes ☐ no

Telephone: (978) 970-5600
Project # 115658
Client PO #

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

Fax #:
Email: d.sullivan@trcsolutions.com

Format: ☒ EXCEL ☒ PDF ☐ GIS KEY

☐ OTHER

Field ID	Sample Description	Lab #	Date Sampled (Start Date/Time - Stop Date/Time)	Comp- osite	Grab	*Matrix Conc. Code Code	ANALYSIS REQUESTED
POST-3R (36-42)		05051	2/20/09 12:30	X		S U	X
POST-3R (42-48)		05052					
POST-41 (48-54)		05053					
POST-3R (48-54)		05054					
POST-3S (6-12)		05055					
POST-3S (12-18)		05056					
POST-3S (18-24)		05057					
POST-3S (24-30)		05058					

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

Relinquished by: (signature) [Signature] Date/Time: 2/20/09 1400

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

Relinquished by: (signature) [Signature] Date/Time: 2/20/09 1830

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

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

Detection Limit Requirements
Regulations? MLP S-1/S-2

Data Enhancement Project/RCP? ☒ Y ☐ N

Special Requirements or DL's:

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

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

X = Na hydroxide
T = Na thiosulfate

Client Comments:
Red Cooler

**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



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 1 of 8

Company Name: RLC

Address: 650 Suffolk St.

Attention: Lowell, MA

Project Location: New Bedford - Walsh

Sampled By: H. Rizzuto

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: donald.sullivan@prosealtech.com

Format: ☒ EXCEL ☐ PDF ☐ GIS KEY

☐ OTHER

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

Comp. Grab ☒ Matrix ☐ Conc. Code

As + Pb

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

Comments:

Field ID	Sample Description	Lab #	Date Sampled	Comp. Grab	Matrix	Conc.	Code
POST-3N (6-12)			2/20/09 0900	X	S	U	
POST-3N (12-15)							
POST-3N (15-24)							
POST-3N (24-30)							
POST-3N (30-36)							
POST-3N (36-42)							
POST-3N (42-48)							
POST-3N (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

Turnaround **

☐ 7-Day

☐ 10-Day

☒ RUSH *

☐ *24-Hr ☐ *48-Hr ☐ *72-Hr ☐ *4-Day

* Require lab approval

Detection Limit Requirements

Regulations? MLP 5-1/3-2

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

**Preservation Codes:

I = Iced

H = HCL

M = Methanol

N = Nitric Acid

S = Sulfuric Acid

B = Sodium bisulfate

** 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 2 of 2

Company Name: MLC

Address: 620 Suffolk St.

Attention: David Sullivan

Project Location: New Bedford - Wm 15th

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

Comp-
osite

Grab

*Matrix | Conc.
Code | Code

As + Pb

ANALYSIS REQUESTED

of containers

**Preservation

-Cont. Code

-Cont. Code:

A=amber glass

G=green glass

P=plastic

ST=sterile

V= vial

S=summary can

T=tedlar bag

O=Other

Comments:

Client

Field ID

Sample Description

Lab #

Post-30 (54-60)

Post-30 (6-12)

Post-30 (12-18)

Post-30 (15-24)

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)

Post-30 (150-156)

Post-30 (156-162)

Post-30 (162-168)

Post-30 (168-174)

Post-30 (174-180)

Post-30 (180-186)

Post-30 (186-192)

Post-30 (192-198)

Post-30 (198-204)

Post-30 (204-210)

Post-30 (210-216)

Post-30 (216-222)

Post-30 (222-228)

Post-30 (228-234)

Post-30 (234-240)

Post-30 (240-246)

Post-30 (246-252)

Post-30 (252-258)

Post-30 (258-264)

Post-30 (264-270)

Post-30 (270-276)

Post-30 (276-282)

Post-30 (282-288)

Post-30 (288-294)

Post-30 (294-300)

Post-30 (300-306)

Post-30 (306-312)

Post-30 (312-318)

Post-30 (318-324)

Post-30 (324-330)

Post-30 (330-336)

Post-30 (336-342)

Post-30 (342-348)

Post-30 (348-354)

Post-30 (354-360)

Post-30 (360-366)

Post-30 (366-372)

Post-30 (372-378)

Post-30 (378-384)

Post-30 (384-390)

Post-30 (390-396)

Post-30 (396-402)

Post-30 (402-408)

Post-30 (408-414)

Post-30 (414-420)

Post-30 (420-426)

Post-30 (426-432)

Post-30 (432-438)

Post-30 (438-444)

Post-30 (444-450)

Post-30 (450-456)

Post-30 (456-462)

Post-30 (462-468)

Post-30 (468-474)

Post-30 (474-480)

Post-30 (480-486)

Post-30 (486-492)

Post-30 (492-498)

Post-30 (498-504)

Post-30 (504-510)

Post-30 (510-516)

Post-30 (516-522)

Post-30 (522-528)

Post-30 (528-534)

Post-30 (534-540)

Post-30 (540-546)

Post-30 (546-552)

Post-30 (552-558)

Post-30 (558-564)

Post-30 (564-570)

Post-30 (570-576)

Post-30 (576-582)

Post-30 (582-588)

Post-30 (588-594)

Post-30 (594-600)

Post-30 (600-606)

Post-30 (606-612)

Post-30 (612-618)

Post-30 (618-624)

Post-30 (624-630)

Post-30 (630-636)

Post-30 (636-642)

Post-30 (642-648)

Post-30 (648-654)

Post-30 (654-660)

Post-30 (660-666)

Post-30 (666-672)

Post-30 (672-678)

Post-30 (678-684)

Post-30 (684-690)

Post-30 (690-696)

Post-30 (696-702)

Post-30 (702-708)

Post-30 (708-714)

Post-30 (714-720)

Post-30 (720-726)

Post-30 (726-732)

Post-30 (732-738)

Post-30 (738-744)

Post-30 (744-750)

Post-30 (750-756)

Post-30 (756-762)

Post-30 (762-768)

Post-30 (768-774)

Post-30 (774-780)

Post-30 (780-786)

Post-30 (786-792)

Post-30 (792-798)

Post-30 (798-804)

Post-30 (804-810)

Post-30 (810-816)

Post-30 (816-822)

Post-30 (822-828)

Post-30 (828-834)

Post-30 (834-840)

Post-30 (840-846)

Post-30 (846-852)

Post-30 (852-858)

Post-30 (858-864)

Post-30 (864-870)

Post-30 (870-876)

Post-30 (876-882)

Post-30 (882-888)

Post-30 (888-894)

Post-30 (894-900)

Post-30 (900-906)

Post-30 (906-912)

Post-30 (912-918)

Post-30 (918-924)

Post-30 (924-930)

Post-30 (930-936)

Post-30 (936-942)

Post-30 (942-948)

Post-30 (948-954)

Post-30 (954-960)

Post-30 (960-966)

Post-30 (966-972)

Post-30 (972-978)

Post-30 (978-984)

Post-30 (984-990)

Post-30 (990-996)

Post-30 (996-1002)

Post-30 (1002-1008)

Post-30 (1008-1014)

Post-30 (1014-1020)

Post-30 (1020-1026)

Post-30 (1026-1032)

Post-30 (1032-1038)

Post-30 (1038-1044)

Post-30 (1044-1050)

Post-30 (1050-1056)

Post-30 (1056-1062)

Post-30 (1062-1068)

Post-30 (1068-1074)

Post-30 (1074-1080)

Post-30 (1080-1086)

Post-30 (1086-1092)

Post-30 (1092-1098)

Post-30 (1098-1104)

Post-30 (1104-1110)

Post-30 (1110-1116)

Post-30 (1116-1122)

Post-30 (1122-1128)

Post-30 (1128-1134)

Post-30 (1134-1140)

Post-30 (1140-1146)

Post-30 (1146-1152)

Post-30 (1152-1158)

Post-30 (1158-1164)

Post-30 (1164-1170)

Post-30 (1170-1176)

Post-30 (1176-1182)

Post-30 (1182-1188)

Post-30 (1188-1194)

Post-30 (1194-1200)

Post-30 (1200-1206)

Post-30 (1206-1212)

Post-30 (1212-1218)

Post-30 (1218-1224)

Post-30 (1224-1230)

Post-30 (1230-1236)

Post-30 (1236-1242)

Post-30 (1242-1248)

Post-30 (1248-1254)

Post-30 (1254-1260)

Post-30 (1260-1266)

Post-30 (1266-1272)

Post-30 (1272-1278)

Post-30 (1278-1284)

Post-30 (1284-1290)

Post-30 (1290-1296)

Post-30 (1296-1302)

Post-30 (1302-1308)

Post-30 (1308-1314)

Post-30 (1314-1320)

Post-30 (1320-1326)

Post-30 (1326-1332)

Post-30 (1332-1338)

Post-30 (1338-1344)

Post-30 (1344-1350)

Post-30 (1350-1356)

Post-30 (1356-1362)



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: 650 Suffolk St.

Attention: David Sullivan

Project Location: New Bedford - MA 0154

Sampled By: H. Rizzo

Proposal Provided? (For Billing purposes)

☐ yes ☒ no

State Form Required?

☒ yes ☐ no

Telephone: 978 970-5200

Project # 115258

Client PO #

DATA DELIVERY (check one):

☒ FAX ☒ EMAIL ☐ WEBSITE CLIENT

Fax #:

Email: dsullivan@fcsolutions.com

Format: ☒ EXCEL ☒ PDF ☐ GIS KEY

☐ OTHER

Date Sampled

Start Date/Time

Stop Date/Time

Comp- osite

Grab

Matrix | Conc. Code | Code

Code

Code

Code

Code

Code

Code

Code

Code

Code

Code

Code

Code

Code

Code

Code

Code

Code

Code

Code

Code

Code

Code

Code

Code

Code

of containers
**Preservation
-Cont Code

ANALYSIS REQUESTED

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

Client
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

Detection Limit Requirements

Regulations? ML 5-1/5-2

Data Enhancement Project/RCP? ☒ Y ☐ N

Special Requirements or DL's:

☐ 24-Hr ☐ 48-Hr ☐ 72-Hr ☐ 4-Day

☒ RUSH

* Require lab approval

* 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 & WRE/NRE 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 2 of 8

Company Name: TRC

Address: 650 Suffolk St.

Lowell, MA

Attention: David Sullivan

Project Location: New Bedford - Walsh

Sampled By: H. Piza

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@trcsolutions.com

Format: ☒ EXCEL ☒ PDF ☐ GIS KEY

☐ OTHER

Field ID	Sample Description	Lab #
----------	--------------------	-------

POST-3T (24-30)

POST-3T (30-36)

POST-3T (36-42)

POST-3T (42-48)

POST-3T (48-54)

POST-3T (54-60)

POST-42 (54-60)

Laboratory Comments:

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

2/20/09 1424

1426

1428

1430

1450

1452

1352

As + Pb

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

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:

Relinquished by (signature)

Received by (signature)

Relinquished by (signature)

Received by (signature)

Relinquished by (signature)

Received by (signature)

Received by (signature)

Received by (signature)

Received by (signature)

Received by (signature)

Turnaround **

☐ 7-Day

☐ 10-Day

☒ Other 5

RUSH

☐ *24-Hr ☐ *48-Hr

☐ *72-Hr ☐ *4-Day

☐ Require lab approval

Detection Limit Requirements

Regulations? 5-1/5-2

Data Enhancement Project/RCP? ☒ Y ☐ N

Special Requirements or DL's:

*Matrix Code:

GW= groundwater

WW= wastewater

DW= drinking water

A= air

S= soil/solid

SL= sludge

O= other

**Preservation Codes:

I= iced 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.

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