



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

REPORT DATE 4/28/2009

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

CONTRACT NUMBER:  
 PURCHASE ORDER NUMBER:

PROJECT NUMBER:

**ANALYTICAL SUMMARY**

LIMS BAT #: LIMT-24621  
 JOB NUMBER: 115058

PROJECT LOCATION: CITY OF NEW BEDFORD (VARSITY FIELD)

FIELD SAMPLE #	LAB ID	MATRIX	SAMPLE DESCRIPTION	TEST	Subcontract Lab (if any) Cert. Nos.
HF-14I (1-3)	09B11256	SOIL	Not Specified	ba (mg/kg)dw icp	
HF-14I (1-3)	09B11256	SOIL	Not Specified	cd (mg/kg)dw icp	
HF-14I (1-3)	09B11256	SOIL	Not Specified	cr (mg/kg)dw icp	
HF-14I (1-3)	09B11256	SOIL	Not Specified	pb (mg/kg)dw icp	
HF-14I (1-3)	09B11256	SOIL	Not Specified	solids (percent)	
HH-13I (1-3)	09B11255	SOIL	Not Specified	ba (mg/kg)dw icp	
HH-13I (1-3)	09B11255	SOIL	Not Specified	cd (mg/kg)dw icp	
HH-13I (1-3)	09B11255	SOIL	Not Specified	cr (mg/kg)dw icp	
HH-13I (1-3)	09B11255	SOIL	Not Specified	solids (percent)	
HH-13J (1-3)	09B11254	SOIL	Not Specified	as (mg/kg)dw icp	
HH-13J (1-3)	09B11254	SOIL	Not Specified	ba (mg/kg)dw icp	
HH-13J (1-3)	09B11254	SOIL	Not Specified	cd (mg/kg)dw icp	
HH-13J (1-3)	09B11254	SOIL	Not Specified	cr (mg/kg)dw icp	
HH-13J (1-3)	09B11254	SOIL	Not Specified	pb (mg/kg)dw icp	
HH-13J (1-3)	09B11254	SOIL	Not Specified	solids (percent)	
SB-252CA (0-1)	09B11252	SOIL	Not Specified	as (mg/kg)dw icp	
SB-252CA (0-1)	09B11252	SOIL	Not Specified	pb (mg/kg)dw icp	
SB-252CA (0-1)	09B11252	SOIL	Not Specified	solids (percent)	
SB-252CA (1-3)	09B11253	SOIL	Not Specified	as (mg/kg)dw icp	
SB-252CA (1-3)	09B11253	SOIL	Not Specified	pb (mg/kg)dw icp	
SB-252CA (1-3)	09B11253	SOIL	Not Specified	solids (percent)	
SB-252CB (0-1)	09B11246	SOIL	Not Specified	as (mg/kg)dw icp	
SB-252CB (0-1)	09B11246	SOIL	Not Specified	pb (mg/kg)dw icp	
SB-252CB (0-1)	09B11246	SOIL	Not Specified	solids (percent)	
SB-252CB (1-3)	09B11247	SOIL	Not Specified	as (mg/kg)dw icp	
SB-252CB (1-3)	09B11247	SOIL	Not Specified	pb (mg/kg)dw icp	
SB-252CB (1-3)	09B11247	SOIL	Not Specified	solids (percent)	
SB-252CC (0-1)	09B11250	SOIL	Not Specified	as (mg/kg)dw icp	
SB-252CC (0-1)	09B11250	SOIL	Not Specified	pb (mg/kg)dw icp	
SB-252CC (0-1)	09B11250	SOIL	Not Specified	solids (percent)	
SB-252CC (1-3)	09B11251	SOIL	Not Specified	as (mg/kg)dw icp	
SB-252CC (1-3)	09B11251	SOIL	Not Specified	pb (mg/kg)dw icp	
SB-252CC (1-3)	09B11251	SOIL	Not Specified	solids (percent)	
SB-252CD (1)	09B11248	SOIL	Not Specified	as (mg/kg)dw icp	
SB-252CD (1)	09B11248	SOIL	Not Specified	pb (mg/kg)dw icp	
SB-252CD (1)	09B11248	SOIL	Not Specified	solids (percent)	
SB-252CD (1-3)	09B11249	SOIL	Not Specified	as (mg/kg)dw icp	
SB-252CD (1-3)	09B11249	SOIL	Not Specified	pb (mg/kg)dw icp	
SB-252CD (1-3)	09B11249	SOIL	Not Specified	solids (percent)	



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LOWELL, MA 01852  
ATTN: DAVID SULLIVAN

CONTRACT NUMBER:  
PURCHASE ORDER NUMBER:

PROJECT NUMBER:

**ANALYTICAL SUMMARY**

LIMS BAT #: LIMT-24621

JOB NUMBER: 115058

SB-252DA (0-1)	09B11239	SOIL	Not Specified	as (mg/kg)dw icp
SB-252DA (0-1)	09B11239	SOIL	Not Specified	pb (mg/kg)dw icp
SB-252DA (0-1)	09B11239	SOIL	Not Specified	solids (percent)
SB-252DA (1-3)	09B11240	SOIL	Not Specified	as (mg/kg)dw icp
SB-252DA (1-3)	09B11240	SOIL	Not Specified	pb (mg/kg)dw icp
SB-252DA (1-3)	09B11240	SOIL	Not Specified	solids (percent)
SB-252DB (0-1)	09B11242	SOIL	Not Specified	as (mg/kg)dw icp
SB-252DB (0-1)	09B11242	SOIL	Not Specified	pb (mg/kg)dw icp
SB-252DB (0-1)	09B11242	SOIL	Not Specified	solids (percent)
SB-252DB (1-3)QC	09B11243	SOIL	Not Specified	as (mg/kg)dw icp
SB-252DB (1-3)QC	09B11243	SOIL	Not Specified	pb (mg/kg)dw icp
SB-252DB (1-3)QC	09B11243	SOIL	Not Specified	solids (percent)
SB-252DC (0-1)	09B11237	SOIL	Not Specified	as (mg/kg)dw icp
SB-252DC (0-1)	09B11237	SOIL	Not Specified	pb (mg/kg)dw icp
SB-252DC (0-1)	09B11237	SOIL	Not Specified	solids (percent)
SB-252DC (1-3)	09B11238	SOIL	Not Specified	as (mg/kg)dw icp
SB-252DC (1-3)	09B11238	SOIL	Not Specified	pb (mg/kg)dw icp
SB-252DC (1-3)	09B11238	SOIL	Not Specified	solids (percent)
SB-252DCC (1-3)	09B11241	SOIL	Not Specified	as (mg/kg)dw icp
SB-252DCC (1-3)	09B11241	SOIL	Not Specified	pb (mg/kg)dw icp
SB-252DCC (1-3)	09B11241	SOIL	Not Specified	solids (percent)
SB-252DD (0-1)	09B11244	SOIL	Not Specified	as (mg/kg)dw icp
SB-252DD (0-1)	09B11244	SOIL	Not Specified	pb (mg/kg)dw icp
SB-252DD (0-1)	09B11244	SOIL	Not Specified	solids (percent)
SB-252DD (1-3)	09B11245	SOIL	Not Specified	as (mg/kg)dw icp
SB-252DD (1-3)	09B11245	SOIL	Not Specified	pb (mg/kg)dw icp
SB-252DD (1-3)	09B11245	SOIL	Not Specified	solids (percent)



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LOWELL, MA 01852  
ATTN: DAVID SULLIVAN

CONTRACT NUMBER:  
PURCHASE ORDER NUMBER:

PROJECT NUMBER:

**ANALYTICAL SUMMARY**

LIMS BAT #: LIMIT-24621  
JOB NUMBER: 115058

Comments :

LIMS BATCH NO. : LIMIT-24621

REVISED REPORT - 4/28/09 - SAMPLE ID REVISED FROM HH-141 TO HF-141

**CASE NARRATIVE SUMMARY**

Recommended sample holding times were not exceeded for all samples unless listed below:  
None Exceeded

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

In method 6010, the low level calibration check is outside control limits for As. Reported results for this element at or near the reporting limit may be bias on the high side. The ms recovery is outside control limits for Pb. The recovery is >30% therefore, no corrective action is needed. Possibility of sample matrix effects that may lead to a low bias for reported result cannot be eliminated. Analysis in control based on the LFB recoveries.

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

**DETAILED CASE NARRATIVE**

**METHOD SW846-6010 - ADDITIONAL DETAILS**

Sample duplicate and ms performed on sample 09B11243.  
Sample 09B11254 was diluted 1:10 to obtain a Barium result within the linear calibration range.  
Sample 09B11256 was diluted 1:10 to obtain a Barium and Lead result within the linear calibration range.

Only As, Ba, Cd, Cr, and Pb results were requested and reported.

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 4/28/09*

SIGNATURE

DATE

Tod Kopyscinski  
Air Laboratory Manager

Michael Erickson  
Assistant Laboratory Director

Edward Denson  
Technical Director

Daren Damboragian  
Organics Department Supervisor



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**ANALYTICAL SUMMARY**

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LIMS BAT #: LIMIT-24621

JOB NUMBER: 115058

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



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 LOWELL, MA 01852

4/28/2009  
 Page 1 of 17

Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (VARSITY FIELD)

LIMS-BAT #: LIMIT-24621

Date Received: 4/9/2009

Job Number: 115058

Field Sample #: HH-13J (1-3)

Sample ID: 09B11254 ±Sampled: 4/8/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Arsenic	mg/kg dry wt	31.5	04/15/09	OP	3.25			

Field Sample #: SB-252CA (0-1)

Sample ID: 09B11252 ±Sampled: 4/8/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Arsenic	mg/kg dry wt	75.5	04/14/09	OP	3.04			

Field Sample #: SB-252CA (1-3)

Sample ID: 09B11253 ±Sampled: 4/8/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Arsenic	mg/kg dry wt	11.1	04/14/09	OP	2.80			

Field Sample #: SB-252CB (0-1)

Sample ID: 09B11246 ±Sampled: 4/8/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Arsenic	mg/kg dry wt	188	04/14/09	OP	3.06			

Field Sample #: SB-252CB (1-3)

Sample ID: 09B11247 ±Sampled: 4/8/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Arsenic	mg/kg dry wt	25.1	04/14/09	OP	2.87			

RL = Reporting Limit

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

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

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









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4/28/2009  
 Page 5 of 17

Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (VARSITY FIELD)

LIMS-BAT #: LIMIT-24621

Date Received: 4/9/2009

Job Number: 115058

Field Sample #: HF-14I (1-3)

Sample ID: 09B11256 ±Sampled: 4/8/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Barium	mg/kg dry wt	6550	04/16/09	KSH	7.04		

Field Sample #: HH-13I (1-3)

Sample ID: 09B11255 ±Sampled: 4/8/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Barium	mg/kg dry wt	639	04/15/09	OP	6.22		

Field Sample #: HH-13J (1-3)

Sample ID: 09B11254 ±Sampled: 4/8/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Barium	mg/kg dry wt	12800	04/16/09	KSH	6.49		

Analytical Method:  
 SW846 3050/6010

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

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 LOWELL, MA 01852

4/28/2009  
 Page 6 of 17

Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (VARSITY FIELD)

LIMS-BAT #: LIMIT-24621

Date Received: 4/9/2009

Job Number: 115058

Field Sample #: HF-14I (1-3)

Sample ID: 09B11256      ‡Sampled: 4/8/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Cadmium	mg/kg dry wt	2.39	04/15/09	OP	0.36			

Field Sample #: HH-13I (1-3)

Sample ID: 09B11255      ‡Sampled: 4/8/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Cadmium	mg/kg dry wt	3.20	04/15/09	OP	0.32			

Field Sample #: HH-13J (1-3)

Sample ID: 09B11254      ‡Sampled: 4/8/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Cadmium	mg/kg dry wt	13.3	04/15/09	OP	0.33			

Analytical Method:  
 SW846 3050/6010

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4/28/2009  
 Page 7 of 17

Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (VARSITY FIELD)

LIMS-BAT #: LIMIT-24621

Date Received: 4/9/2009

Job Number: 115058

Field Sample #: HF-14I (1-3)

Sample ID: 09B11256 ±Sampled: 4/8/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Chromium	mg/kg dry wt	1250	04/15/09	OP	0.71		

Field Sample #: HH-13I (1-3)

Sample ID: 09B11255 ±Sampled: 4/8/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Chromium	mg/kg dry wt	84.9	04/15/09	OP	0.63		

Field Sample #: HH-13J (1-3)

Sample ID: 09B11254 ±Sampled: 4/8/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Chromium	mg/kg dry wt	640	04/15/09	OP	0.65		

Analytical Method:  
 SW846 3050/6010

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

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 LOWELL, MA 01852

4/28/2009  
 Page 8 of 17

Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (VARSITY FIELD)

LIMS-BAT #: LIMIT-24621

Date Received: 4/9/2009

Job Number: 115058

Field Sample #: HF-14I (1-3)

Sample ID: 09B11256 ±Sampled: 4/8/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	8860	04/16/09	KSH	1.06			

Field Sample #: HH-13J (1-3)

Sample ID: 09B11254 ±Sampled: 4/8/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	2070	04/15/09	OP	0.98			

Field Sample #: SB-252CA (0-1)

Sample ID: 09B11252 ±Sampled: 4/8/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	38.9	04/14/09	OP	0.92			

Field Sample #: SB-252CA (1-3)

Sample ID: 09B11253 ±Sampled: 4/8/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	63.1	04/14/09	OP	0.84			

Field Sample #: SB-252CB (0-1)

Sample ID: 09B11246 ±Sampled: 4/8/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	40.6	04/14/09	OP	0.92			

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4/28/2009  
 Page 10 of 17

Purchase Order No.:

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 Date Received: 4/9/2009

LIMS-BAT #: LIMIT-24621  
 Job Number: 115058

Field Sample #: SB-252DA (0-1)

Sample ID: 09B11239 ±Sampled: 4/8/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	33.7	04/14/09	OP	0.89			

Field Sample #: SB-252DA (1-3)

Sample ID: 09B11240 ±Sampled: 4/8/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	329	04/14/09	OP	0.94			

Field Sample #: SB-252DB (0-1)

Sample ID: 09B11242 ±Sampled: 4/8/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	37.2	04/14/09	OP	0.91			

Field Sample #: SB-252DB (1-3)QC

Sample ID: 09B11243 ±Sampled: 4/8/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	77.7	04/14/09	OP	0.87			

Field Sample #: SB-252DC (0-1)

Sample ID: 09B11237 ±Sampled: 4/8/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	122	04/14/09	OP	0.91			

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4/28/2009  
 Page 11 of 17

Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (VARSITY FIELD)

LIMS-BAT #: LIMIT-24621

Date Received: 4/9/2009

Job Number: 115058

Field Sample #: SB-252DC (1-3)

Sample ID: 09B11238 ±Sampled: 4/8/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	85.0	04/14/09	OP	0.85			

Field Sample #: SB-252DCC (1-3)

Sample ID: 09B11241 ±Sampled: 4/8/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	140	04/14/09	OP	0.87			

Field Sample #: SB-252DD (0-1)

Sample ID: 09B11244 ±Sampled: 4/8/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	25.2	04/14/09	OP	0.88			

Field Sample #: SB-252DD (1-3)

Sample ID: 09B11245 ±Sampled: 4/8/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	100	04/14/09	OP	0.89			

Analytical Method:  
 SW846 3050/6010

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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

4/28/2009  
 Page 12 of 17

Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (VARSITY FIELD)  
 Date Received: 4/9/2009

LIMS-BAT #: LIMIT-24621  
 Job Number: 115058

Field Sample #: HF-14I (1-3)

Sample ID: 09B11256 ±Sampled: 4/8/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	71.1	04/14/09	FD			

Field Sample #: HH-13I (1-3)

Sample ID: 09B11255 ±Sampled: 4/8/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	80.4	04/14/09	FD			

Field Sample #: HH-13J (1-3)

Sample ID: 09B11254 ±Sampled: 4/8/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	77.1	04/14/09	FD			

Field Sample #: SB-252CA (0-1)

Sample ID: 09B11252 ±Sampled: 4/8/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	82.4	04/14/09	FD			

Field Sample #: SB-252CA (1-3)

Sample ID: 09B11253 ±Sampled: 4/8/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	89.3	04/14/09	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

4/28/2009  
 Page 14 of 17

Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (VARSITY FIELD)  
 Date Received: 4/9/2009

LIMS-BAT #: LIMIT-24621  
 Job Number: 115058

**Field Sample # : SB-252CD (1-3)**

**Sample ID : 09B11249** ‡Sampled : 4/8/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	85.0	04/14/09	FD			

**Field Sample # : SB-252DA (0-1)**

**Sample ID : 09B11239** ‡Sampled : 4/8/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	84.5	04/14/09	FD			

**Field Sample # : SB-252DA (1-3)**

**Sample ID : 09B11240** ‡Sampled : 4/8/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	80.6	04/14/09	FD			

**Field Sample # : SB-252DB (0-1)**

**Sample ID : 09B11242** ‡Sampled : 4/8/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	82.8	04/14/09	FD			

**Field Sample # : SB-252DB (1-3)QC**

**Sample ID : 09B11243** ‡Sampled : 4/8/2009  
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	86.8	04/14/09	FD			

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

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

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

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





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

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

4/28/2009  
Page 16 of 17

Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (VARSITY FIELD)  
Date Received: 4/9/2009

LIMS-BAT #: LIMIT-24621  
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.



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

4/28/2009  
Page 17 of 17

Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (VARSITY FIELD)  
Date Received: 4/9/2009

LIMS-BAT #: LIMIT-24621  
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: 4/28/2009

Lims Bat # : LIMIT-24621

Page 1 of 3

QC Batch Number: ICP-21590

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B11243	Arsenic	Sample Amount	5.23	mg/kg dry wt	
		Duplicate Value	5.13	mg/kg dry wt	
		Duplicate RPD	1.94	%	0-35
		Sample Amount	5.23	mg/kg dry wt	
		Matrix Spk Amt Added	28.80	mg/kg dry wt	
		MS Amt Measured	33.27	mg/kg dry wt	
	Lead	Matrix Spike % Rec.	97.35	%	75-125
		Sample Amount	77.70	mg/kg dry wt	
		Duplicate Value	89.62	mg/kg dry wt	
		Duplicate RPD	14.25	%	0-35
		Sample Amount	77.70	mg/kg dry wt	
		Matrix Spk Amt Added	28.80	mg/kg dry wt	
		MS Amt Measured	98.55	mg/kg dry wt	
		Matrix Spike % Rec.	72.42	%	75-125
BLANK-131835	Arsenic	Blank	<2.50	mg/kg dry wt	
	Barium	Blank	<5.00	mg/kg dry wt	
	Cadmium	Blank	<0.25	mg/kg dry wt	
	Chromium	Blank	<0.50	mg/kg dry wt	
	Lead	Blank	<0.75	mg/kg dry wt	
LFBLANK-94096	Arsenic	Lab Fort Blank Amt.	123.00	mg/kg dry wt	
		Lab Fort Blk. Found	126.47	mg/kg dry wt	
		Lab Fort Blk. % Rec.	102.82	%	83-117
		Dup Lab Fort Bl Amt.	123.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	127.36	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	103.54	%	83-117
		Lab Fort Blank Range	0.72	units	
		Lab Fort Bl. Av. Rec	103.18	%	
		LFB Duplicate RPD	0.70	%	0-30
	Barium	Lab Fort Blank Amt.	256.00	mg/kg dry wt	
		Lab Fort Blk. Found	253.95	mg/kg dry wt	
		Lab Fort Blk. % Rec.	99.19	%	80-120
		Dup Lab Fort Bl Amt.	256.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	258.94	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	101.14	%	80-120
		Lab Fort Blank Range	1.94	units	
		Lab Fort Bl. Av. Rec	100.17	%	
		LFB Duplicate RPD	1.94	%	0-30
	Cadmium	Lab Fort Blank Amt.	258.00	mg/kg dry wt	
		Lab Fort Blk. Found	255.97	mg/kg dry wt	
		Lab Fort Blk. % Rec.	99.21	%	84-117
Dup Lab Fort Bl Amt.		258.00	mg/kg dry wt		



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**QC SUMMARY REPORT**

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Method Blanks

Report Date: 4/28/2009

Lims Bat # : LIMIT-24621

Page 2 of 3

QC Batch Number: ICP-21590

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-94096					
	Cadmium	Dup Lab Fort Bl. Fnd	261.89	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	101.50	%	84-117
		Lab Fort Blank Range	2.29	units	
		Lab Fort Bl. Av. Rec	100.36	%	
		LFB Duplicate RPD	2.28	%	0-30
	Chromium	Lab Fort Blank Amt.	138.00	mg/kg dry wt	
		Lab Fort Blk. Found	136.12	mg/kg dry wt	
		Lab Fort Blk. % Rec.	98.63	%	82-118
		Dup Lab Fort Bl Amt.	138.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	142.53	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	103.28	%	82-118
		Lab Fort Blank Range	4.64	units	
		Lab Fort Bl. Av. Rec	100.96	%	
		LFB Duplicate RPD	4.60	%	0-30
	Lead	Lab Fort Blank Amt.	136.00	mg/kg dry wt	
		Lab Fort Blk. Found	124.96	mg/kg dry wt	
		Lab Fort Blk. % Rec.	91.88	%	81-120
		Dup Lab Fort Bl Amt.	136.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	126.75	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	93.19	%	81-120
		Lab Fort Blank Range	1.31	units	
		Lab Fort Bl. Av. Rec	92.54	%	
		LFB Duplicate RPD	1.42	%	0-30



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### QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates                      BATCH QC: Lab fortified Blanks and Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates                      Standard Reference Materials and Duplicates  
Method Blanks

Report Date: 4/28/2009                      Lims Bat #: LIMIT-24621                      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 though all the steps of the analysis.

LFBLANK                      Laboratory Fortified Blank (a control sample)

STDADD                      Standard Added (a laboratory control sample)

Matrix Spk Amt Added                      Amount of analyte spiked into a sample  
MS Amt Measured                      Amount of analyte found including amount that was spiked  
Matrix Spike % Rec.                      % Recovery of spiked amount in sample.

Duplicate Value                      The result from the Duplicate analysis of the sample.  
Duplicate RPD                      The Relative Percent Difference between two Duplicate Analyses.

Surrogate Recovery                      The % Recovery for non-environmental compounds (surrogates) spiked into samples to determine the performance of the analytical methods.

Sur. Recovery (ELCD)                      Surrogate Recovery on the Electrolytic Conductivity Detector.  
Sur. Recovery (PID)                      Surrogate Recovery on the Photoionization Detector.

Standard Measured                      Amount measured for a laboratory control sample  
Standard Amt Added                      Known value for a laboratory control sample  
Standard % Recovery                      % recovered for a laboratory control sample with a known value.

Lab Fort Blank Amt                      Laboratory Fortified Blank Amount Added  
Lab Fort Blk. Found                      Laboratory Fortified Blank Amount Found  
Lab Fort Blk % Rec                      Laboratory Fortified Blank % Recovered  
Dup Lab Fort Bl Amt                      Duplicate Laboratory Fortified Blank Amount Added  
Dup Lab Fort Bl Fnd                      Duplicate Laboratory Fortified Blank Amount Found  
Dup Lab Fort Bl % Rec                      Duplicate Laboratory Fortified Blank % Recovery  
Lab Fort Blank Range                      Laboratory Fortified Blank Range (Absolute value of difference between recoveries for Lab Fortified Blank and Lab Fortified Blank Duplicate).

Lab Fort Bl. Av. Rec.                      Laboratory Fortified Blank Average Recovery

Duplicate Sample Amt                      Sample Value for Duplicate used with Matrix Spike Duplicate  
MSD Amount Added                      Matrix Spike Duplicate Amount Added (Spiked)  
MSD Amt Measured                      Matrix Spike Duplicate Amount Measured  
MSD % Recovery                      Matrix Spike Duplicate % Recovery  
MSD Range                      Absolute difference between Matrix Spike and Matrix Spike Duplicate Recoveries

**MADEP MCP ANALYTICAL METHOD REPORT CERTIFICATION FORM**

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

Project #: *LIMIT-24621*

Project Location: *CITY OF NEW BEDFORD/VARSITY FIELD*

MADEP RTN<sup>1</sup>:

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

*09B11237-09B11256.*

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

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

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

<b>A</b>	Were all samples received by the laboratory in a condition consistent with that described on the Chain-of-Custody documentation for the data set?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>B</b>	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>C</b>	Does the data included in this report meet all the analytical requirements for "Presumptive Certainty", as described in Section 2.0 (a), (b), (c) and (d) of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>
<b>D</b>	<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 <sup>1</sup>

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

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

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

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

Signature: *Edward Denson*

Position: **Technical Director**

Printed Name: **Edward Denson**

Date: *4/16/09*



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

CHAIN OF CUSTODY RECORD

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

Company Name: TRC  
 Address: 650 South St.  
Lynn MA 01854

Telephone: (978) 656-3565  
 Project # 15055  
 Client PO # \_\_\_\_\_

Attention: David Sellman  
 Project Location: City of NB (Wastway Field)  
 Sampled By: J. Saunders / E. Kitchin

DATA DELIVERY (check one):  
 FAX  EMAIL  WEBSITE CLIENT  
 Fax #: \_\_\_\_\_  
 Email: d.saunder@contestlabs.com  
 Format:  EXCEL  PDF  GIS KEY

Proposal Provided? (For Billing purposes)  Yes  No  
 State Form Required?  Yes  No  
 Proposal date: 2007

Field ID	Sample Description	Lab #	Date Sampled	Start-Date/Time	Stop-Date/Time	Comp. osite	Grab	Matrix Code	Conc. Code	Total Arsenic	Total Lead	ANALYSIS REQUESTED	Cont. Code	# of containers
SB-252DE (0-1)		QNR	4/8/09	1015	1020	6	S	U		X	X		(HCL)	
SB-252DE (1-3)			4/8/09	1030	1035	1	U			X	X		(HCL)	
SB-252DE (1-3)			4/8/09	1035	1045	1	U			X	X		(HCL)	
SB-252DA (1-3)			4/8/09	1050	1055	1	U			X	X		(HCL)	
SB-252DE (0-1)			4/8/09	1100		6	S	U		X	X		(HCL)	

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

Turnaround Time: 4/9/09 1010  
 Received by: [Signature] Date/Time: 4-9-09 17:45  
 Retinquished by: [Signature] Date/Time: 4-9-09 17:45

Turnaround \*\*  
 7-Day  
 10-Day  
 Other: 5-15-2  
 RUSH \*  
 24-Hr  48-Hr  
 72-Hr  96-Hr  
 \* Require lab approval

Detection Limit Requirements  
 Regulations? MR 5-175-2  
 Data Enhancement Project/RCP?  Y  N  
 Special Requirements or DLs: See Guide

Matrix Code: GW  
 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

Laboratory Comments: \_\_\_\_\_  
 Client: \_\_\_\_\_  
 Comments: Hold all samples for TCEP analysis  
 AS

\*\* 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

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

Telephone: 978 656-3585  
 Project #: 115085  
 Client PO #: \_\_\_\_\_

Attention: David Sullivan

Project Location: City of NB (Walsh)

Sampled By: J. Sandoz / K. Pritchard

Proposal Provided? (For Billing purposes)  Yes 2017 proposal date  Yes  No

State Form Required?  Yes  No  
 DATA DELIVERY (check one):  
 FAX  EMAIL  WEBSITE CLIENT  
 Fax #: \_\_\_\_\_  
 Email: dsullivan@contestlabs.com  
 Format:  EXCEL  PDF  GIS KEY  
 OTHER

Field ID	Sample Description	Lab #	Date Sampled	Start Date/Time	Stop Date/Time	Comp. osite	Grab	Matrix Code	Conc. Code	# of containers
SB-2522DL (1-3)		11241	4/6/09	0935		C	S	U		1
SB-2522DF (0-1)										1
SB-2522DF (1-3)										1
SB-2522DF (1-3)										1
SB-2522DB (0-1)		11242								1
SB-2522DB (1-3)		11243								1
SB-2522DD (1)		11244								1
SB-2522DD (1-3)		11245								1
SB-2522DH (1)			4/6/09	1135		C	S	U		1

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

Refrinquished by: (Signature) [Signature] Date/Time: 4/9/09 10:10  
 Received by: (Signature) [Signature] Date/Time: 4-9-09 10:10  
 Refrinquished by: (Signature) [Signature] Date/Time: 4-9-09 17:45  
 Received by: (Signature) [Signature] Date/Time: 4/9/09 17:45

Turnaround \*\*  
 7-Day  
 10-Day  
 Other 1 day  
 RUSH \*  
 24-Hr  48-Hr  
 72-Hr  96-Hr  
 Require lab approval

Detection Limit Requirements  
 Regulations? MSP 501-502  
 Data Enhancement Project/HCP?  Y  N  
 Special Requirements or D.L.s: See Quote

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

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

Client Comments:  
Hold all copies for T&E analysis

ANALYSIS REQUESTED  
 Total Arsenic  
 Total Lead

\*\* 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  
 L.M.T. 04621

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

Page 3 of 5

Company Name: TEC  
 Address: 650 Suffolk St.  
Lewiston MA 01854

Telephone: (978) 656-3565  
 Project # 115038  
 Client PO #

Attention: David Sullivan

Project Location: City of WB (Wash.)

Sampled By: J. Shields / K. Kitchin

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

State Form Required?  yes  no  
 DATA DELIVERY (check one):  
 FAX  EMAIL  WEBSITE CLIENT  
 Email: deliver to testlabs.com  
 Format:  EXCEL  PDF  GIS KEY  
 OTHER

Field ID	Sample Description	Lab #	Date Sampled	Start Date/Time	Stop Date/Time	Comp- osite	Grab	Matrix Code	Conc. Code	# of containers
SB-252DH (1-3)		09B	4/6/07	1140		G-S	U			1
SB-252CF (1-1)			1240							1
SB-252CF (1-3)			1245							1
SB-252CB (1-1)		11246	1250							1
SB-252CB (1-3)		11247	1255							1
SB-252CH (1)			1302							1
SB-252CH (1-3)			1304							1
SB-252CD (1)		11248	1258							1

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

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

ANALYSIS REQUESTED  
 Total Arsenic  
 Total Lead  
 Client Comments: Hold all samples for analysis

Reinquisitioned by: (signature) [Signature] Date/Time: 4/9/07 10:10  
 Received by: (signature) [Signature] Date/Time: 4-9-07 10:10  
 Reinquisitioned by: (signature) [Signature] Date/Time: 4-9-07 17:45  
 Received by: (signature) [Signature] Date/Time: 4/10/07 17:15

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

Detection Limit Requirements  
 Regulations? MCP 5.1/5.2  
 Data Enhancement Project/RCP?  Y  N  
 Special Requirements or DLs: See Quote

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

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

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

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

Telephone: (978) 626-3525  
 Project # 115058  
 Client PO # \_\_\_\_\_

Project Location: City of MB (Levish)  
 Sampled By: J. Saunders / K. Kitchin

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

Proposal Provided? (For Billing purposes)  
 Yes 1007 proposal date  Yes  No

Field ID	Sample Description	Lab #	Date Sampled		Comp- osite	Grab	*Matrix Code	Conc. Code	# of containers
			Start Date/Time	Stop Date/Time					
SB-252CD (1-3)		11249	4/2/09	1300	G	S	u	X	
SB-252CG (1-3)				1315				X	
SB-252CG (1-3)				1317				X	
SB-252CC (1-1)		11250		1328				X	
SB-252CC (1-3)		11251		1330				X	
SB-252CA (1-1)		11252		1335				X	
SB-252CA (1-3)		11253		1337				X	
SB-252CE (1-1)			4/2/09	1340	G	S	u	X	

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

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

Refrigerated By: (Signature) [Signature] Date/Time: 4/19/09 10:10

Received By: (Signature) [Signature] Date/Time: 4-29-09 20:10

Relinquished by: (Signature) [Signature] Date/Time: 4-29-09 17:45

Received by: (signature) [Signature] Date/Time: 4/19/09 7:45

Turnaround \*\*  
 7-Day  
 10-Day  
 Other 14  
 RUSH \*  
 \*24-Hr  \*48-Hr  
 \*72-Hr  \*4-Day

Detection Limit Requirements  
 Regulations? see 5015-2

Data Enhancement Project/RCP?  Y  N

Special Requirements or DL's: See Receipts

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

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

Client Comments:  
Had all samples for 5 days for lead samples is

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



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 www.contestlabs.com

**CHAIN OF CUSTODY RECORD**

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

Company Name: TRC  
 Address: 650 Southgate St, Lowell MA 01854

Telephone: (978) 656-3525  
 Project #: 15055  
 Client PO #: \_\_\_\_\_

Attention: David Sullivan  
 Project Location: City of Wob (Wob 156)  
 Sampled By: J. Gaudin / K. Kelleher

DATA DELIVERY (check one):  
 FAX  EMAIL  WEBSITE CLIENT  
 Fax #: \_\_\_\_\_  
 Email: d.sullivan@contestlabs.com  
 Format:  EXCEL  PDF  GIS KEY

Proposal Provided? (For Billing purposes)  yes 2002 proposal date  yes  no State Form Required?  OTHER

Field ID	Sample Description	Lab #	Date Sampled		Comp- osite	Grab	Matrix Code	Conc. Code	ANALYSIS REQUESTED	# of containers
			Start Date/Time	Stop Date/Time						
SB-252CE (1-3)		09B	4/6/09	1342			S	U	Total Arsenic	1
HH-13J (1-3)		11254		1515			S	U	Total Lead	1
HH-13 I (1-3)		11255		1525			S	U	5-metals (As, Ba, Cd, Cr, Pb)	1
HF-14 I (1-3)		11256	4/6/09	1535			S	U	3-metals (Ba, Cd & Cr)	1
									4-metals (Ba, Cd, Cr & Pb)	1

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

Requisitioned by: (signature) [Signature] Date/Time: 4/9/09 10:10  
 Received by: (signature) [Signature] Date/Time: 09:05 10:10  
 Requisitioned by: (signature) [Signature] Date/Time: 4-9-09 17:45  
 Received by: (signature) [Signature] Date/Time: 4/9/09 17:45

Turnaround \*\*  
 7-Day  10-Day  Other 1 day  
 \*24-Hr  \*48-Hr  \*72-Hr  \*4-Day  
 \* Require lab approval

Detection Limit Requirements  
 Regulations? MSL 5-1-12  
 Data Enhancement Project/RCP?  Y  N  
 Special Requirements or DL's: See above

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

Client: [Signature]  
 Comments: Hold all metals for TSP analysis

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



### Sample Receipt Checklist

CLIENT NAME: TRC MA RECEIVED BY: Ko DATE: 4/9/09

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 4°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"?  Yes  No

Stored where: 19B

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

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

8) Location where samples are stored: 18C

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	37
500 mL Amber		4 oz clear jar	
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