



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

REPORT DATE 4/3/2009

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

CONTRACT NUMBER:
 PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMIT-24385
 JOB NUMBER: 115058

PROJECT LOCATION: CITY OF NEW BEDFORD(WALSH)

FIELD SAMPLE #	LAB ID	MATRIX	SAMPLE DESCRIPTION	TEST	Subcontract Lab (if any) Cert. Nos.
POST-09A(0.5-1)	09B10031	SOIL	Not Specified	cd (mg/kg)dw icp	
POST-09A(0.5-1)	09B10031	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-09A(1-3)	09B10032	SOIL	Not Specified	cd (mg/kg)dw icp	
POST-09A(1-3)	09B10032	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-09B(0.5-1)	09B10033	SOIL	Not Specified	cd (mg/kg)dw icp	
POST-09B(0.5-1)	09B10033	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-09B(1-3)	09B10034	SOIL	Not Specified	cd (mg/kg)dw icp	
POST-09B(1-3)	09B10034	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-09C(0.5-1)	09B10035	SOIL	Not Specified	cd (mg/kg)dw icp	
POST-09C(0.5-1)	09B10035	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-09C(1-3)QC	09B10036	SOIL	Not Specified	cd (mg/kg)dw icp	
POST-09C(1-3)QC	09B10036	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-09D(0-1)	09B10037	SOIL	Not Specified	cd (mg/kg)dw icp	
POST-09D(0-1)	09B10037	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-09D(1-3)	09B10038	SOIL	Not Specified	cd (mg/kg)dw icp	
POST-09D(1-3)	09B10038	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-10A(1-3)QC	09B10041	SOIL	Not Specified	cd (mg/kg)dw icp	
POST-10A(1-3)QC	09B10041	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-10B(1-3)	09B10042	SOIL	Not Specified	cd (mg/kg)dw icp	
POST-10B(1-3)	09B10042	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-10C(1-3)	09B10039	SOIL	Not Specified	cd (mg/kg)dw icp	
POST-10C(1-3)	09B10039	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-10D(1-3)	09B10040	SOIL	Not Specified	cd (mg/kg)dw icp	
POST-10D(1-3)	09B10040	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-10I	09B10043	SOIL	Not Specified	cd (mg/kg)dw icp	
POST-10I	09B10043	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-10L	09B10046	SOIL	Not Specified	cd (mg/kg)dw icp	
POST-10L	09B10046	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-10N	09B10044	SOIL	Not Specified	as (mg/kg)dw icp	
POST-10N	09B10044	SOIL	Not Specified	cd (mg/kg)dw icp	
POST-10N	09B10044	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-10N	09B10044	SOIL	Not Specified	solids (percent)	
POST-10O	09B10045	SOIL	Not Specified	as (mg/kg)dw icp	
POST-10O	09B10045	SOIL	Not Specified	cd (mg/kg)dw icp	
POST-10O	09B10045	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-10O	09B10045	SOIL	Not Specified	solids (percent)	



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ANALYTICAL SUMMARY

LIMS BAT #: LIMIT-24385
JOB NUMBER: 115058

Comments :

LIMS BATCH NO. : LIMIT-24385

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 duplicate RPD for Pb is outside control limits for sample 09B10041. Reduced precision anticipated for reported result. Outlier may be attributed to sample non homogeneity or a "hot spot" encountered during sample prep.

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

DETAILED CASE NARRATIVE

METHOD SW846-6010 - ADDITIONAL DETAILS

Blank-131404 and LFBlank-93643 are associated with samples 09B10031 through 09B10042.
Blank-131403 and LFBlank-93642 are associated with samples 09B10043 and 09B10046.
Blank-131381 and LFBlank-93622 are associated with samples 09B10044 and 09B10045.
Sample duplicates and matrix spikes were performed on samples 09B10036, 09B10041 and 09B10045.
The sample duplicate is not reported for Cd in sample 09B10041 due to non detect sample and duplicate results.

For sample 09B10036, the matrix spike recovery is outside control limits for Pb. The sample concentration >4X spike concentration, therefore a representative recovery may not be obtainable. Control limits provided for reference only (not applicable).

For sample 09B10045, the matrix spike recovery is outside control limits for As.
The sample concentration is >4X spike concentration, therefore a representative recovery may not be obtainable. Control limits not applicable.

Only As, Cd and Pb 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.



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ANALYTICAL SUMMARY

4/3/09

SIGNATURE

DATE

Tod Kopyscinski
Air Laboratory Manager

Edward Denson
Technical Director

LIMS BAT #: LIMIT-24385

JOB NUMBER: 115058

Michael Erickson
Assistant Laboratory Director

Daren Damboragian
Organics Department Supervisor

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



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Purchase Order No.:

Project Location: CITY OF NEW BEDFORD(WALSH)
 Date Received: 4/1/2009

LIMS-BAT #: LIMIT-24385
 Job Number: 115058

Field Sample # : POST-10N

Sample ID : 09B10044 ‡Sampled : 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Arsenic	mg/kg dry wt	215	04/02/09	KSH	2.76			

Field Sample # : POST-10O

Sample ID : 09B10045 ‡Sampled : 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Arsenic	mg/kg dry wt	214	04/02/09	KSH	2.76			

Analytical Method:
 SW846 3050/6010

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

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Purchase Order No.:

Project Location: CITY OF NEW BEDFORD(WALSH)
 Date Received: 4/1/2009

LIMS-BAT #: LIMIT-24385
 Job Number: 115058

Field Sample # : POST-09A(0.5-1)

Sample ID : 09B10031 ‡Sampled : 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Cadmium	mg/kg dry wt	ND	03/10/09	OP	0.28			

Field Sample # : POST-09A(1-3)

Sample ID : 09B10032 ‡Sampled : 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Cadmium	mg/kg dry wt	0.58	03/10/09	OP	0.33			

Field Sample # : POST-09B(0.5-1)

Sample ID : 09B10033 ‡Sampled : 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Cadmium	mg/kg dry wt	ND	03/10/09	OP	0.29			

Field Sample # : POST-09B(1-3)

Sample ID : 09B10034 ‡Sampled : 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Cadmium	mg/kg dry wt	ND	03/10/09	OP	0.29			

Field Sample # : POST-09C(0.5-1)

Sample ID : 09B10035 ‡Sampled : 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Cadmium	mg/kg dry wt	ND	03/10/09	OP	0.29			

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 Date Received: 4/1/2009

LIMS-BAT #: LIMIT-24385
 Job Number: 115058

Field Sample #: POST-10C(1-3)

Sample ID: 09B10039 ±Sampled: 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Cadmium	mg/kg dry wt	ND	03/10/09	OP	0.29			

Field Sample #: POST-10D(1-3)

Sample ID: 09B10040 ±Sampled: 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Cadmium	mg/kg dry wt	1.44	03/10/09	OP	0.28			

Field Sample #: POST-10I

Sample ID: 09B10043 ±Sampled: 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Cadmium	mg/kg dry wt	ND	03/30/09	OP	0.31			

Field Sample #: POST-10L

Sample ID: 09B10046 ±Sampled: 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Cadmium	mg/kg dry wt	ND	03/30/09	OP	0.30			

Field Sample #: POST-10N

Sample ID: 09B10044 ±Sampled: 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Cadmium	mg/kg dry wt	2.09	04/02/09	KSH	0.28			

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Purchase Order No.:

Project Location: CITY OF NEW BEDFORD(WALSH)

LIMS-BAT #: LIMIT-24385

Date Received: 4/1/2009

Job Number: 115058

Field Sample #: POST-100

Sample ID: 09B10045

‡Sampled : 3/3/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Cadmium	mg/kg dry wt	2.06	04/02/09	KSH	0.28		

Analytical Method:

SW846 3050/6010

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Purchase Order No.:

Project Location: CITY OF NEW BEDFORD(WALSH)
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LIMS-BAT #: LIMIT-24385
 Job Number: 115058

Field Sample # : POST-09A(0.5-1)

Sample ID : 09B10031 ‡Sampled : 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	9.16	03/10/09	OP	0.84			

Field Sample # : POST-09A(1-3)

Sample ID : 09B10032 ‡Sampled : 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	231	03/10/09	OP	0.97			

Field Sample # : POST-09B(0.5-1)

Sample ID : 09B10033 ‡Sampled : 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	3.88	03/10/09	OP	0.87			

Field Sample # : POST-09B(1-3)

Sample ID : 09B10034 ‡Sampled : 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	84.7	03/10/09	OP	0.86			

Field Sample # : POST-09C(0.5-1)

Sample ID : 09B10035 ‡Sampled : 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	18.5	03/10/09	OP	0.86			

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LIMS-BAT #: LIMIT-24385
 Job Number: 115058

Field Sample # : POST-09C(1-3)QC

Sample ID : 09B10036 ‡Sampled : 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	750	03/10/09	OP	0.94			

Field Sample # : POST-09D(0-1)

Sample ID : 09B10037 ‡Sampled : 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	30.9	03/10/09	OP	0.92			

Field Sample # : POST-09D(1-3)

Sample ID : 09B10038 ‡Sampled : 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	21.6	03/10/09	OP	0.87			

Field Sample # : POST-10A(1-3)QC

Sample ID : 09B10041 ‡Sampled : 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	29.6	03/10/09	OP	0.84			

Field Sample # : POST-10B(1-3)

Sample ID : 09B10042 ‡Sampled : 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	53.6	03/10/09	OP	0.84			

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LIMS-BAT #: LIMIT-24385
 Job Number: 115058

Field Sample #: POST-10C(1-3)

Sample ID: 09B10039 ±Sampled: 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	121	03/10/09	OP	0.86			

Field Sample #: POST-10D(1-3)

Sample ID: 09B10040 ±Sampled: 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	78.5	03/10/09	OP	0.82			

Field Sample #: POST-10I

Sample ID: 09B10043 ±Sampled: 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	33.3	03/30/09	OP	0.93			

Field Sample #: POST-10L

Sample ID: 09B10046 ±Sampled: 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	24.7	03/30/09	OP	0.88			

Field Sample #: POST-10N

Sample ID: 09B10044 ±Sampled: 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	26.2	04/02/09	KSH	0.83			

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Purchase Order No.:

Project Location: CITY OF NEW BEDFORD(WALSH)

LIMS-BAT #: LIMIT-24385

Date Received: 4/1/2009

Job Number: 115058

Field Sample #: POST-100

Sample ID: 09B10045

‡Sampled : 3/3/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	23.2	04/02/09	KSH	0.83			

Analytical Method:

SW846 3050/6010

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

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Purchase Order No.:

Project Location: CITY OF NEW BEDFORD(WALSH)
 Date Received: 4/1/2009

LIMS-BAT #: LIMIT-24385
 Job Number: 115058

Field Sample # : POST-10N

Sample ID : 09B10044 ‡Sampled : 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	90.9	04/03/09	FD			

Field Sample # : POST-10O

Sample ID : 09B10045 ‡Sampled : 3/3/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	90.8	04/03/09	FD			

Analytical Method:

SM 2540G

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

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** END OF REPORT **

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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.



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: 4/3/2009

Lims Bat # : LIMIT-24385

Page 1 of 5

QC Batch Number: ICP-21501

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B10045	Arsenic	Sample Amount	214.47	mg/kg dry wt	
		Duplicate Value	203.46	mg/kg dry wt	
		Duplicate RPD	5.26	%	0-35
		Sample Amount	214.47	mg/kg dry wt	
		Matrix Spk Amt Added	27.53	mg/kg dry wt	
		MS Amt Measured	219.12	mg/kg dry wt	
	Cadmium	Matrix Spike % Rec.	16.90	%	75-125
		Sample Amount	2.05	mg/kg dry wt	
		Duplicate Value	1.94	mg/kg dry wt	
		Duplicate RPD	5.43	%	0-35
		Sample Amount	2.05	mg/kg dry wt	
		Matrix Spk Amt Added	27.53	mg/kg dry wt	
	Lead	MS Amt Measured	27.92	mg/kg dry wt	
		Matrix Spike % Rec.	93.94	%	75-125
		Sample Amount	23.15	mg/kg dry wt	
		Duplicate Value	23.58	mg/kg dry wt	
		Duplicate RPD	1.81	%	0-35
		Sample Amount	23.15	mg/kg dry wt	
BLANK-131381	Matrix Spk Amt Added	27.53	mg/kg dry wt		
	MS Amt Measured	45.66	mg/kg dry wt		
	Matrix Spike % Rec.	81.72	%	75-125	
	Arsenic	Blank	<2.50	mg/kg dry wt	
	Cadmium	Blank	<0.25	mg/kg dry wt	
	Lead	Blank	<0.75	mg/kg dry wt	
LFBLANK-93622	Arsenic	Lab Fort Blank Amt.	123.00	mg/kg dry wt	
		Lab Fort Blk. Found	129.65	mg/kg dry wt	
		Lab Fort Blk. % Rec.	105.40	%	83-117
		Dup Lab Fort Bl Amt.	123.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	130.78	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	106.32	%	83-117
		Lab Fort Blank Range	0.91	units	
		Lab Fort Bl. Av. Rec	105.86	%	
		LFB Duplicate RPD	0.86	%	0-30
	Cadmium	Lab Fort Blank Amt.	258.00	mg/kg dry wt	
		Lab Fort Blk. Found	260.89	mg/kg dry wt	
		Lab Fort Blk. % Rec.	101.12	%	84-117
		Dup Lab Fort Bl Amt.	258.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	262.37	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	101.69	%	84-117
		Lab Fort Blank Range	0.57	units	
		Lab Fort Bl. Av. Rec	101.40	%	



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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: 4/3/2009

Lims Bat # : LIMIT-24385

Page 2 of 5

QC Batch Number: ICP-21501

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-93622	Cadmium	LFB Duplicate RPD	0.56	%	0-30
	Lead	Lab Fort Blank Amt.	136.00	mg/kg dry wt	
		Lab Fort Blk. Found	126.63	mg/kg dry wt	
		Lab Fort Blk. % Rec.	93.11	%	81-120
		Dup Lab Fort Bl Amt.	136.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	126.02	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	92.66	%	81-120
		Lab Fort Blank Range	0.44	units	
		Lab Fort Bl. Av. Rec	92.88	%	
		LFB Duplicate RPD	0.48	%	0-30

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: 4/3/2009

Lims Bat # : LIMIT-24385

Page 3 of 5

QC Batch Number: ICP-21503

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B10036	Cadmium	Sample Amount	1.22	mg/kg dry wt	
		Duplicate Value	1.06	mg/kg dry wt	
		Duplicate RPD	13.62	%	0-35
		Sample Amount	1.22	mg/kg dry wt	
		Matrix Spk Amt Added	31.21	mg/kg dry wt	
		MS Amt Measured	32.25	mg/kg dry wt	
	Lead	Matrix Spike % Rec.	99.41	%	75-125
		Sample Amount	750.15	mg/kg dry wt	
		Duplicate Value	587.66	mg/kg dry wt	
		Duplicate RPD	24.29	%	0-35
		Sample Amount	750.15	mg/kg dry wt	
		Matrix Spk Amt Added	31.21	mg/kg dry wt	
		MS Amt Measured	698.33	mg/kg dry wt	
		Matrix Spike % Rec.	-166.03	%	75-125
09B10041	Cadmium	Sample Amount	<0.28	mg/kg dry wt	
		Matrix Spk Amt Added	27.80	mg/kg dry wt	
		MS Amt Measured	26.35	mg/kg dry wt	
		Matrix Spike % Rec.	94.78	%	75-125
	Lead	Sample Amount	29.56	mg/kg dry wt	
		Duplicate Value	44.52	mg/kg dry wt	
		Duplicate RPD	40.37	%	0-35
		Sample Amount	29.56	mg/kg dry wt	
		Matrix Spk Amt Added	27.80	mg/kg dry wt	
		MS Amt Measured	55.06	mg/kg dry wt	
Matrix Spike % Rec.	91.69	%	75-125		
BLANK-131403	Cadmium	Blank	<0.25	mg/kg dry wt	
	Lead	Blank	<0.75	mg/kg dry wt	
BLANK-131404	Cadmium	Blank	<0.25	mg/kg dry wt	
	Lead	Blank	<0.75	mg/kg dry wt	
LFBLANK-93642	Cadmium	Lab Fort Blank Amt.	258.00	mg/kg dry wt	
		Lab Fort Blk. Found	289.99	mg/kg dry wt	
		Lab Fort Blk. % Rec.	112.39	%	84-117
		Dup Lab Fort Bl Amt.	258.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	295.56	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	114.55	%	84-117
		Lab Fort Blank Range	2.15	units	
		Lab Fort Bl. Av. Rec	113.47	%	
		LFB Duplicate RPD	1.90	%	0-30
		Lead	Lab Fort Blank Amt.	136.00	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: 4/3/2009

Lims Bat # : LIMIT-24385

Page 4 of 5

QC Batch Number: ICP-21503

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-93642	Lead	Lab Fort Blk. Found	123.02	mg/kg dry wt	
		Lab Fort Blk. % Rec.	90.45	%	81-120
		Dup Lab Fort Bl Amt.	136.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	139.63	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	102.67	%	81-120
		Lab Fort Blank Range	12.22	units	
		Lab Fort Bl. Av. Rec	96.56	%	
		LFB Duplicate RPD	12.65	%	0-30
LFBLANK-93643	Cadmium	Lab Fort Blank Amt.	258.00	mg/kg dry wt	
		Lab Fort Blk. Found	263.16	mg/kg dry wt	
		Lab Fort Blk. % Rec.	102.00	%	84-117
		Dup Lab Fort Bl Amt.	258.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	255.26	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	98.93	%	84-117
		Lab Fort Blank Range	3.06	units	
	Lead	LFB Duplicate RPD	3.04	%	0-30
		Lab Fort Blank Amt.	136.00	mg/kg dry wt	
		Lab Fort Blk. Found	132.10	mg/kg dry wt	
		Lab Fort Blk. % Rec.	97.13	%	81-120
		Dup Lab Fort Bl Amt.	136.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	127.92	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	94.05	%	81-120
Lab Fort Blank Range	3.07	units			
Lab Fort Bl. Av. Rec	95.59	%			
LFB Duplicate RPD	3.21	%	0-30		

MADEP MCP ANALYTICAL METHOD REPORT CERTIFICATION FORM

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

Project #: **LIMT-24385**

Project Location: **City of New Bedford (Walsh)**

MADEP RTN¹:

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

09B10031- 09B10046

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	VPH and EPH Methods only: 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: 

Position: **Assistant Laboratory Director**

Printed Name: **Michael Erickson**

Date: 4/3/09



Phone: 413-525-2532
 Fax: 413-525-6405
 Email: info@contestlabs.com
 www.contestlabs.com

CHAIN OF CUSTODY RECORD

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

Limit # 21385

Limit # 93687

Company Name: TRC
 Address: 650 Sibley Street
Lowell MA 01854
 Attention: Raive Skahan
 Project Location: City of W3 (W304)
 Sampled By: E. Saunders / K. Kithin

Telephone: (478) 638-3585
 Project # 115055
 Client PO # _____
 DATA DELIVERY (check one):
 FAX EMAIL WEBSITE CLIENT
 Email: skahan@contestlabs.com
 Format: EXCEL PDF GIS KEY

Proposal Provided? (For Billing purposes) yes no
 proposal date 2-28-12
 State Form Required? yes no

Field ID	Sample Description	Lab #	Date Sampled		Comp. osite	Grab	Matrix Code	Conc. Code	ANALYSIS REQUESTED			Client
			Sheet Date/Time	Seep Date/Time					Total Arsenic	Total Lead *	Total Cadmium *	
	Post-9E1 (0.5-1) (Hand)	09B	5/5/09	115		6	5	U	X	X	X	(Hand)
	Post-9E1 (1-3) (Hand)	10031		1120					X	X	X	(Hand)
	Post-9A1 (0.5-1) (Hand)	06521		1130					X	X	X	(Hand)
	Post-9A1 (1-3) 10032 06522			1135					X	X	X	(Hand)
	Post-9F1 (0.5-1) (Hand)			1145					X	X	X	(Hand)
	Post-9F1 (1-3) (Hand)			1150					X	X	X	(Hand)
	Post-9B1 (0.5-1) 10033 06523			1155					X	X	X	(Hand)
	Post-9B1 (1-3) 10034 06524		3/3/09	1200		6	5	U	X	X	X	(Hand)

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: 3/4/09 11:20
 Received by: (signature) [Signature] Date/Time: 3/4/09 11:20
 Relinquished by: (signature) [Signature] Date/Time: 3/4/09 18:50
 Received by: (signature) [Signature] Date/Time: 3/11/09 18:50

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

Detection Limit Requirements
 Regulations? MLP 5-13-Z
 Data Enhancement Project/PCP? Y N
 Special Requirements or D.L.S. See Code

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

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

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

CHAIN OF CUSTODY RECORD

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

Limit # 2385

Limit # 2388

Company Name: TRC
 Address: 650 Suffolk Street
Lewell MA 01854
 Attention: David Sullivan
 Project Location: City of N3 (W114)
 Sampled By: J. Saunders / E. Kishin

Telephone: (478) 656-3565
 Project # 15055
 Client PO # _____
 DATA DELIVERY (check one):
 FAX EMAIL WEBSITE CLIENT
 Email: dsullivan@conestlabs.com
 Format: EXCEL PDF GIS KEY

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

Field ID	Sample Description	Lab #	Date Sampled		Comp. osite	Grab	Matrix Conc. Code		ANALYSIS REQUESTED	# of containers
			Start Date/Time	Stop Date/Time			Matrix Code	Conc. Code		
	Post-90' (1-3)	06525	3/3/07	1100			S	U	Total Arsenic	1
	Post-96' (0.5-1) (HAND)			1205			X	X	Total Lead *	1
	Post-96' (1-3) (HAND)			1210			X	X	Total Cadmium *	1
	Post-98' (0.5-1) (HAND)	06526		1223			X	X		
	Post-98' (1-3) (HAND)	06527		1225			X	X		
	Post-911' (0-1) (HAND)			1240			X	X		
	Post-911' (1-3) (HAND)			1245			X	X		
	Post-911' (0-1)	06528	3/3/07	1250			X	X		

Client Comments:
 * Field all total lead & cadmium samples
 ** Hold all samples for potential future TEAR analysis

Requisitioned by: (signature) [Signature] Date/Time: 3/14/07 10:20
 Received by: (signature) [Signature] Date/Time: 3/14/07 13:20
 Requisitioned by: (signature) [Signature] Date/Time: 3-14-07 18:00
 Received by: (signature) [Signature] Date/Time: 3/14/07 18:50

Turnaround **
 7-Day 10-Day Other: 1 Day
 24-Hr 48-Hr 72-Hr 4-Day

Detection Limit Requirements
 Regulations? see 61/5-2
 Data Enhancement Project/RCP? Y N

Special Requirements or DLS: see quiet

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 X = Na hydroxide T = Na thiosulfate O = Other

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.

AIHA, NELAP & WBE/DBE Certified



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CHAIN OF CUSTODY RECORD

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

Page 3 of 5

Limit # 21385

Limit # 23887

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

Telephone: (978) 978-5600
Project # 115058
Client PO #

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

Attention: David Sullivan
Project Location: New Bedford - Walsh Field
Sampled By: J. Saunders / K. Kitchin

DATA DELIVERY (check one):
DFAX EMAIL DIVERSITE CLIENT
Fax #:
Email: dsullivan@prosolutions.com
Format: EXCEL PDF XGIS KEY
 OTHER

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

Field ID	Sample Description	Lab #	Date Sampled	Start Date/Time	Stop Date/Time	Composite	Grab	Matrix/Conc. Code	ANALYSIS REQUESTED	Client
CD190	Post-9D' (1-3)	0655A 10038	3/3/09	1255	1400	X	X	S U	As Pb (Hold)* Cd (Hold)*	* Hold all 4 hrs lead & cadmium analysis
	Post-106' (0.5-1) (Hold)		3/3/09	1405	1410	X	X	S U	(Hold)	
	Post-106' (1-3) (Hold)		3/3/09	1405	1410	X	X	S U	(Hold)	
	Post-10C' (0.5-1)	06530	3/3/09	1410	1415	X	X	S U		
	Post-10C' (1-3)	06529 10039	3/3/09	1415	1420	X	X	S U		
	Post-10H' (0-1) (Hold)		3/3/09	1420	1425	X	X	S U		
	Post-10H' (1-3) (Hold)		3/3/09	1425	1430	X	X	S U		
	Post-10D' (0.5-1)	06532	3/3/09	1430		X	X	S U		

* Hold all remaining aliquots of soil for possible TCLP Analysis pending results

FR

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.

Relinquished by (signature) _____ Date/Time: 3/4/09 10:20

Received by (signature) _____ Date/Time: 3-5-09 1:00

Relinquished by (signature) _____ Date/Time: 3-4-09 18:00

Received by (signature) _____ Date/Time: 3/1/09 18:50

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? Yes No
 Special Requirements or DL's: See Data

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

AIHA, NELAP & WBE/DBE Certified



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CHAIN OF CUSTODY RECORD

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

Page 4 of 5

Company Name: TRC
 Address: 650 SUFFOLK ST.
 Lowell, MA
 Attention: David Sullivan

Telephone: (978) 970-5600
 Project # 115258
 Client PO #
 DATA DELIVERY (check one):
 FAX EMAIL WEBSITE CLIENT

Project Location: New Bedford - Walsh Field
 Sampled By: J. Saunders, K.V. Hobbs

Email: dsullivan@con-test.com
 Format: EXCEL PDF GIS KEY

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

State Form Required?
 yes no

Field ID	Sample Description	Lab #	Start Date/Time	Stop Date/Time	Comp-oste	Grab	Matrix Code	Conc. Code	ANALYSIS REQUESTED			Comments
									A	Pb (Hold)	Cd (Hold)	
Ca	Post-10E' (1-3)	06533 10040	3/3/09	1435	X	X	S	U	X	X	X	
Pb	Post-10E' (10-1) (Hold)		3/3/09	1445	X	X	S	U	X	X	X	* Hold add 5.50g Post-10E' (1-3) analysis
	Post-10E' (1-3) (Hold)		3/3/09	1450	X	X	S	U	X	X	X	(Hold)
	Post-10A' (10.5-1)	06534	3/3/09	1500	X	X	S	U	X	X	X	* Hold add 5.50g Post-10E' (1-3) analysis
	Post-10E' (10.5-1) (Hold)		3/3/09	1510	X	X	S	U	X	X	X	(Hold)
	Post-10E' (1-3) (Hold)		3/3/09	1515	X	X	S	U	X	X	X	(Hold)
	Post-10B' (10.5-1)	06536	3/3/09	1525	X	X	S	U	X	X	X	* Hold add 5.50g Post-10E' (1-3) analysis

Limit # 21385
 L-11132687

Laboratory Comments: * Hold all remaining aliquots of soil for possible TCUP analysis pending results

Relinquished by (signature) *[Signature]* Date/Time: 3/4/09 12:20
 Turnaround **
 7-Day
 10-Day
 Other 5 Day RUSH
 Detection Limit Requirements
 Regulators? MCP 5-1/5-2
 Data Enhancement Project/RCP? Y N
 Special Requirements or DL's: See Rate
 Received by (signature) *[Signature]* Date/Time: 3/4/09 18:30
 Require lab approval *72-Hr *4-Day

** 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



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 Email: Info@contestlabs.com
 www.contestlabs.com

CHAIN OF CUSTODY RECORD

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

Lot # 24385

Company Name: TRC
 Address: 650 Southfolk St.
Lewiston, MA

Telephone: (978) 978-5200
 Project # 115052
 Client PO #

Attention: David Sullivan

Project Location: New Bedford - Walsh Field

Sampled By: J. Saunders / K. Kitchen

Proposal Provided? (For Billing purposes) yes no
 State Form Required? yes no

DATA DELIVERY (check one):
 FAX EMAIL WEBSITE CLIENT
 Email: dsullivan@con-test.com
 Format: EXCEL PDF GIS KEY

ANALYSIS REQUESTED	# of containers
-Cont. Code:	
A - amber glass	
G - glass	
P - plastic	
ST - sterile	
V - vial	
S - sinterma can	
T - tedar bag	
O - other	

Field ID	Sample Description	Lab #	Date Sampled	Start Date/Time	Stop Date/Time	Comp. Grab	Matrix Code	Conc. Code	Client Comments
CDP	Post-100 (1-3)	06537	3/3/09	1530	1605	X	S	U	(Pres. Method)
	Post-100 (1-3)	06538	3/3/09			X	S	U	* Hold all analysis
			3/3/09			X	S	U	
			3/3/09			X	S	U	
			3/3/09			X	S	U	
			3/3/09			X	S	U	
			3/3/09			X	S	U	
			3/3/09			X	S	U	
			3/3/09			X	S	U	

Laboratory Comments: * Hold all remaining aliquots of soil for possible TLP analysis pending results.

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: 3/6/09 12:20

Received by (signature): [Signature] Date/Time: 3/11/09 10:24

Requisitioned by (signature): [Signature] Date/Time: 3/4/09 18:50

Received by (signature): [Signature] Date/Time: 3/11/09 18:10

Turnaround: 7-Day 10-Day Other 5 Day **RUSH**

Require lab approval: 72-Hr 48-Hr 24-Hr 4-Day

Detection Limit Requirements: MCP-5-1/5-2

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

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

TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT 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 1 of 2

Limit # 2385

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

Telephone: (978) 656-3565
 Project # 115055
 Client PO # _____

Attention: David Sullivan

Project Location: City of Woburn (66044)

Sampled By: J. Saunders

DATA DELIVERY (check one):
 FAX EMAIL WEBSITE CLIENT
 Fax # _____
 Email: dell@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		Comp- osite	Grab	Matrix / Conc Code	Matrix / Conc Code	ANALYSIS REQUESTED	# of containers
			Start- Date/Time	Stop Date/Time						
CD/Pb	Post-10' I 10043	09195	3/25/07	0910	6	S	U	Total Arsenic Cd, pb	1	
	Post-10' M (Hold)			0430						
	Post-10' J	09196		0150						
AS, Cd, Pb	Post-10' N (Hold)	10044		1005						
	Post-10' K	09197		1020						
AS, Cd, Pb	Post-10' O (Hold)	10045		1030						
CD/Pb	Post-10' L (Hold)	09198 10046		1045						
	Post-10' P (Hold)		3/25/07	1100	6	S	U			

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

Requisition by: (signature)	Date/Time: 3/23/07 1300	Turnaround ** <input type="checkbox"/> 7-Day <input type="checkbox"/> 10-Day <input checked="" type="checkbox"/> Rush	Detection Limit Requirements Regulations? <u>MCL 5-15-2</u>	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
Received by: (signature)	Date/Time: 3-25-07 1300		Data Enhancement Project/PCP? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N		
Relinquished by: (signature)	Date/Time: 3-25-07 1815		Special Requirements or D.L.s: <u>See 200</u>		
Received by: (signature)	Date/Time: 3-25-07 1815				

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.

Client Comments:
 * Hold all samples for TAP during S.S

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tferrentino@contestlabs.com

From: "Sullivan, Dave (Lowell,MA-US)" <DSullivan@TRCSOLUTIONS.com>
To: <tferrentino@contestlabs.com>
Cc: "Zhou, Ping (Lowell,MA-US)" <PZhou@trcsolutions.com>; "Silverman, Diane (Lowell,MA-US)" <DSilverman@trcsolutions.com>; "Denly, Elizabeth (Lowell,MA-US)" <edenly@trcsolutions.com>
Sent: Wednesday, April 01, 2009 1:43 PM
Attach: Contest post 9 and 10 authorizations.pdf
Subject: More authorizations

Theresa:

Please see the attached chains associated with the following authorizations:

- Post-9: Analyze the 0-1' and 1-3' samples for A, B, C, and D for Cd and Pb (highlighted in yellow on the attached chain scans).
- Post-10: Analyze the A, B, C and D 1-3' samples for Cd and Pb. Also, analyze the I and L 0-1' samples for Cd and Pb (highlighted in green on the attached chain scans).
- Post-10: Analyze the N and O samples for As, Cd, and Pb (highlighted in pink on the attached chain scans).

What turn around am I looking for you ask? What else....expedited!

Many thanks,

-Dave

David M. Sullivan, LSP, CHMM
Senior Project Manager



TRC
Wannalancit Mills
650 Suffolk Street
Lowell, Massachusetts 01854

978-656-3565 phone
978-453-1995 fax
978-758-2809 cell
dsullivan@trcsolutions.com

SAMPLE REACTIVATION FORM

COMPANY TRC Lowell LOCATION ZF

CONTACT Dave Sullivan PROJECT ID _____

CONTACT PHONE _____ FAX _____

DATE 4/1/09 TIME 1:43pm TAT 48hr DUE DATE _____

REQUEST TAKEN BY Theresa F. GIVEN TO Logan

ACTIVATION REQUEST:

See Attached email

SPECIAL INSTRUCTIONS AND TERMS:

FAXED TO CONTACT FOR APPROVAL: Y N

ACTIVATION IS CORRECT PER OUR REQUEST _____ DATE _____
INITIALS

CONTEST FINAL APPROVAL _____