



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

REPORT DATE 2/24/2009

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

CONTRACT NUMBER:
PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23317

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-37 (60-66)	09B04425	SOIL	Not Specified	as (mg/kg)dw icp	
POST-37 (60-66)	09B04425	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-37 (60-66)	09B04425	SOIL	Not Specified	solids (percent)	
POST-3G (30-36)	09B04419	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3G (30-36)	09B04419	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3G (30-36)	09B04419	SOIL	Not Specified	solids (percent)	
POST-3G (36-42)	09B04420	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3G (36-42)	09B04420	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3G (36-42)	09B04420	SOIL	Not Specified	solids (percent)	
POST-3G (42-48)Q	09B04421	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3G (42-48)Q	09B04421	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3G (42-48)Q	09B04421	SOIL	Not Specified	solids (percent)	
POST-3G (48-54)	09B04422	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3G (48-54)	09B04422	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3G (48-54)	09B04422	SOIL	Not Specified	solids (percent)	
POST-3G (54-60)	09B04423	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3G (54-60)	09B04423	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3G (54-60)	09B04423	SOIL	Not Specified	solids (percent)	
POST-3G (60-66)	09B04424	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3G (60-66)	09B04424	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3G (60-66)	09B04424	SOIL	Not Specified	solids (percent)	
POST-3H (12-18)	09B04427	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3H (12-18)	09B04427	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3H (12-18)	09B04427	SOIL	Not Specified	solids (percent)	
POST-3H (18-24)	09B04428	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3H (18-24)	09B04428	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3H (18-24)	09B04428	SOIL	Not Specified	solids (percent)	
POST-3H (24-30)	09B04429	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3H (24-30)	09B04429	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3H (24-30)	09B04429	SOIL	Not Specified	solids (percent)	
POST-3H (30-36)	09B04430	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3H (30-36)	09B04430	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3H (30-36)	09B04430	SOIL	Not Specified	solids (percent)	
POST-3H (36-42)	09B04431	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3H (36-42)	09B04431	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3H (36-42)	09B04431	SOIL	Not Specified	solids (percent)	
POST-3H (42-48)Q	09B04432	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3H (42-48)Q	09B04432	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3H (42-48)Q	09B04432	SOIL	Not Specified	solids (percent)	



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ANALYTICAL SUMMARY

LIMS BAT #: LIMIT-23317

JOB NUMBER: 115058

POST-3H (48-54)	09B04433	SOIL	Not Specified	as (mg/kg)dw icp
POST-3H (48-54)	09B04433	SOIL	Not Specified	pb (mg/kg)dw icp
POST-3H (48-54)	09B04433	SOIL	Not Specified	solids (percent)
POST-3H (54-60)	09B04434	SOIL	Not Specified	as (mg/kg)dw icp
POST-3H (54-60)	09B04434	SOIL	Not Specified	pb (mg/kg)dw icp
POST-3H (54-60)	09B04434	SOIL	Not Specified	solids (percent)
POST-3H (6-12)	09B04426	SOIL	Not Specified	as (mg/kg)dw icp
POST-3H (6-12)	09B04426	SOIL	Not Specified	pb (mg/kg)dw icp
POST-3H (6-12)	09B04426	SOIL	Not Specified	solids (percent)

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

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Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH)
 Date Received: 2/17/2009

LIMS-BAT #: LIMIT-23317
 Job Number: 115058

Field Sample # : POST-37 (60-66)

Sample ID : 09B04425 ‡Sampled : 2/17/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Arsenic	mg/kg dry wt	5.10	02/22/09	AMP	3.20			

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

Sample ID : 09B04419 ‡Sampled : 2/17/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Arsenic	mg/kg dry wt	5.48	02/22/09	AMP	2.88			

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

Sample ID : 09B04420 ‡Sampled : 2/17/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Arsenic	mg/kg dry wt	5.14	02/22/09	AMP	2.81			

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

Sample ID : 09B04421 ‡Sampled : 2/17/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Arsenic	mg/kg dry wt	5.11	02/22/09	AMP	2.84			

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

Sample ID : 09B04422 ‡Sampled : 2/17/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Arsenic	mg/kg dry wt	5.69	02/22/09	AMP	2.86			

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Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH)
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LIMS-BAT #: LIMIT-23317
 Job Number: 115058

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

Sample ID : 09B04423 ‡Sampled : 2/17/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Arsenic	mg/kg dry wt	5.55	02/22/09	AMP	2.83			

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

Sample ID : 09B04424 ‡Sampled : 2/17/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Arsenic	mg/kg dry wt	4.81	02/22/09	AMP	3.02			

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

Sample ID : 09B04427 ‡Sampled : 2/17/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Arsenic	mg/kg dry wt	3.55	02/22/09	AMP	2.70			

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

Sample ID : 09B04428 ‡Sampled : 2/17/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Arsenic	mg/kg dry wt	5.05	02/22/09	AMP	2.73			

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

Sample ID : 09B04429 ‡Sampled : 2/17/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Arsenic	mg/kg dry wt	3.71	02/22/09	AMP	2.69			

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Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH)
 Date Received: 2/17/2009

LIMS-BAT #: LIMIT-23317
 Job Number: 115058

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

Sample ID : 09B04430 ‡Sampled : 2/17/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt	22.4	02/22/09	AMP	2.88		

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

Sample ID : 09B04431 ‡Sampled : 2/17/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt	4.90	02/22/09	AMP	2.83		

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

Sample ID : 09B04432 ‡Sampled : 2/17/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt	5.36	02/22/09	AMP	2.98		

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

Sample ID : 09B04433 ‡Sampled : 2/17/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt	11.8	02/22/09	AMP	2.84		

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

Sample ID : 09B04434 ‡Sampled : 2/17/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt	4.93	02/22/09	AMP	2.96		

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Project Location: CITY OF NEW BEDFORD (WALSH)

LIMS-BAT #: LIMIT-23317

Date Received: 2/17/2009

Job Number: 115058

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

Sample ID: 09B04426

‡Sampled: 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Arsenic	mg/kg dry wt	404	02/22/09	AMP	3.13		

Analytical Method:

SW846 3050/6010

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

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Field Sample # : POST-37 (60-66)

Sample ID : 09B04425 ‡Sampled : 2/17/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	360	02/22/09	AMP	0.96			

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

Sample ID : 09B04419 ‡Sampled : 2/17/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	59.5	02/22/09	AMP	0.87			

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

Sample ID : 09B04420 ‡Sampled : 2/17/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	15.7	02/22/09	AMP	0.85			

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

Sample ID : 09B04421 ‡Sampled : 2/17/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	15.1	02/22/09	AMP	0.85			

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

Sample ID : 09B04422 ‡Sampled : 2/17/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	35.5	02/22/09	AMP	0.86			

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LIMS-BAT #: LIMIT-23317
 Job Number: 115058

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

Sample ID : 09B04430 ‡Sampled : 2/17/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	272	02/22/09	AMP	0.87			

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

Sample ID : 09B04431 ‡Sampled : 2/17/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	57.8	02/22/09	AMP	0.85			

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

Sample ID : 09B04432 ‡Sampled : 2/17/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	77.8	02/22/09	AMP	0.90			

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

Sample ID : 09B04433 ‡Sampled : 2/17/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	92.8	02/22/09	AMP	0.86			

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

Sample ID : 09B04434 ‡Sampled : 2/17/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	33.0	02/22/09	AMP	0.89			

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Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH)

LIMS-BAT #: LIMIT-23317

Date Received: 2/17/2009

Job Number: 115058

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

Sample ID: 09B04426

‡Sampled: 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit		P/ F
						Lo	Hi	
Lead	mg/kg dry wt	36.2	02/22/09	AMP	0.94			

Analytical Method:

SW846 3050/6010

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

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LIMS-BAT #: LIMIT-23317
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Field Sample # : POST-37 (60-66)

Sample ID : 09B04425 ‡Sampled : 2/17/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	78.3	02/20/09	FD			

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

Sample ID : 09B04419 ‡Sampled : 2/17/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	87.1	02/20/09	FD			

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

Sample ID : 09B04420 ‡Sampled : 2/17/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	89.0	02/20/09	FD			

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

Sample ID : 09B04421 ‡Sampled : 2/17/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	88.3	02/20/09	FD			

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

Sample ID : 09B04422 ‡Sampled : 2/17/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	87.7	02/20/09	FD			

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LIMS-BAT #: LIMIT-23317
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Field Sample # : POST-3H (30-36)

Sample ID : 09B04430 ‡Sampled : 2/17/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	86.9	02/20/09	FD			

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

Sample ID : 09B04431 ‡Sampled : 2/17/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	88.4	02/20/09	FD			

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

Sample ID : 09B04432 ‡Sampled : 2/17/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	84.1	02/20/09	FD			

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

Sample ID : 09B04433 ‡Sampled : 2/17/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	88.1	02/20/09	FD			

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

Sample ID : 09B04434 ‡Sampled : 2/17/2009
 Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	84.5	02/20/09	FD			

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LIMS-BAT #: LIMIT-23317

Date Received: 2/17/2009

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

Sample ID: 09B04426

‡Sampled: 2/17/2009
Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Solids, total	%	80.0	02/20/09	FD			

Analytical Method:

SM 2540G

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

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Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH)
Date Received: 2/17/2009

LIMS-BAT #: LIMIT-23317
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: 2/24/2009

Lims Bat # : LIMIT-23317

Page 1 of 3

QC Batch Number: ICP-21202

Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04421	Arsenic	Sample Amount	5.10	mg/kg dry wt	
		Duplicate Value	5.18	mg/kg dry wt	
		Duplicate RPD	1.46	%	0-35
		Sample Amount	5.10	mg/kg dry wt	
		Matrix Spk Amt Added	28.31	mg/kg dry wt	
		MS Amt Measured	35.74	mg/kg dry wt	
	Lead	Matrix Spike % Rec.	108.22	%	75-125
		Sample Amount	15.05	mg/kg dry wt	
		Duplicate Value	14.68	mg/kg dry wt	
		Duplicate RPD	2.52	%	0-35
		Sample Amount	15.05	mg/kg dry wt	
		Matrix Spk Amt Added	28.31	mg/kg dry wt	
		MS Amt Measured	47.70	mg/kg dry wt	
		Matrix Spike % Rec.	115.31	%	75-125
09B04432	Arsenic	Sample Amount	5.35	mg/kg dry wt	
		Duplicate Value	5.02	mg/kg dry wt	
		Duplicate RPD	6.40	%	0-35
		Sample Amount	5.35	mg/kg dry wt	
		Matrix Spk Amt Added	29.72	mg/kg dry wt	
		MS Amt Measured	35.60	mg/kg dry wt	
	Lead	Matrix Spike % Rec.	101.74	%	75-125
		Sample Amount	77.82	mg/kg dry wt	
		Duplicate Value	68.39	mg/kg dry wt	
		Duplicate RPD	12.90	%	0-35
		Sample Amount	77.82	mg/kg dry wt	
		Matrix Spk Amt Added	29.72	mg/kg dry wt	
		MS Amt Measured	93.94	mg/kg dry wt	
		Matrix Spike % Rec.	54.22	%	75-125
BLANK-129813	Arsenic	Blank	<2.50	mg/kg dry wt	
	Lead	Blank	<0.75	mg/kg dry wt	
LFBLANK-91934	Arsenic	Lab Fort Blank Amt.	123.00	mg/kg dry wt	
		Lab Fort Blk. Found	128.79	mg/kg dry wt	
		Lab Fort Blk. % Rec.	104.70	%	80-120
		Dup Lab Fort Bl Amt.	123.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	135.05	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	109.79	%	80-120
		Lab Fort Blank Range	5.08	units	
		Lab Fort Bl. Av. Rec	107.25	%	
		LFB Duplicate RPD	4.74	%	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: 2/24/2009

Lims Bat # : LIMIT-23317

Page 2 of 3

QC Batch Number: ICP-21202

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-91934	Lead	Lab Fort Blk. Found	133.24	mg/kg dry wt	
		Lab Fort Blk. % Rec.	97.97	%	82-118
		Dup Lab Fort Bl Amt.	136.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	145.18	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	106.75	%	82-118
		Lab Fort Blank Range	8.77	units	
		Lab Fort Bl. Av. Rec	102.36	%	
		LFB Duplicate RPD	8.57	%	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: 2/24/2009

Lims Bat #: LIMIT-23317

Page 3 of 3

QUALITY CONTROL DEFINITIONS AND ABBREVIATIONS

QC BATCH NUMBER	This is the number assigned to all samples analyzed together that would be subject to comparison with a particular set of Quality Control Data.
LIMITS	Upper and Lower Control Limits for the QC ANALYSIS Reported. All values normally would fall within these statistically determined limits, unless there is an unusual circumstance that would be documented in a NOTE appearing on the last page of the QC SUMMARY REPORT. Not all QC results will have Limits defined.
Sample Amount	Amount of analyte found in a sample.
Blank	Method Blank that has been taken through all the steps of the analysis.
LFBLANK	Laboratory Fortified Blank (a control sample)
STDADD	Standard Added (a laboratory control sample)
Matrix Spk Amt Added	Amount of analyte spiked into a sample
MS Amt Measured	Amount of analyte found including amount that was spiked
Matrix Spike % Rec.	% Recovery of spiked amount in sample.
Duplicate Value	The result from the Duplicate analysis of the sample.
Duplicate RPD	The Relative Percent Difference between two Duplicate Analyses.
Surrogate Recovery	The % Recovery for non-environmental compounds (surrogates) spiked into samples to determine the performance of the analytical methods.
Sur. Recovery (ELCD)	Surrogate Recovery on the Electrolytic Conductivity Detector.
Sur. Recovery (PID)	Surrogate Recovery on the Photoionization Detector.
Standard Measured	Amount measured for a laboratory control sample
Standard Amt Added	Known value for a laboratory control sample
Standard % Recovery	% recovered for a laboratory control sample with a known value.
Lab Fort Blank Amt	Laboratory Fortified Blank Amount Added
Lab Fort Blk. Found	Laboratory Fortified Blank Amount Found
Lab Fort Blk % Rec	Laboratory Fortified Blank % Recovered
Dup Lab Fort Bl Amt	Duplicate Laboratory Fortified Blank Amount Added
Dup Lab Fort Bl Fnd	Duplicate Laboratory Fortified Blank Amount Found
Dup Lab Fort Bl % Rec	Duplicate Laboratory Fortified Blank % Recovery
Lab Fort Blank Range	Laboratory Fortified Blank Range (Absolute value of difference between recoveries for Lab Fortified Blank and Lab Fortified Blank Duplicate).
Lab Fort Bl. Av. Rec.	Laboratory Fortified Blank Average Recovery
Duplicate Sample Amt	Sample Value for Duplicate used with Matrix Spike Duplicate
MSD Amount Added	Matrix Spike Duplicate Amount Added (Spiked)
MSD Amt Measured	Matrix Spike Duplicate Amount Measured
MSD % Recovery	Matrix Spike Duplicate % Recovery
MSD Range	Absolute difference between Matrix Spike and Matrix Spike Duplicate Recoveries

MADEP MCP ANALYTICAL METHOD REPORT CERTIFICATION FORM

Laboratory Name: CON-TEST Analytical Laboratory	Project #: <u>L1MT-23317</u>
Project Location: <u>CITY OF NEW BEDFORD</u>	MADEP RTN ¹ :

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

09B04419 - 09B04434

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>Tod Kopyscinski</u>	Position: Director of Operations
Printed Name: Tod Kopyscinski	Date: <u>2-24-09</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

Company Name: TRC

Address: 650 SABLE ST.

Lowell MA 01854

Attention: David Sullivan

Project Location: City of WB (Lubish)

Sampled By: Jeff Skyles / H. Rizza

Proposal Provided? (For Billing purposes) Yes No

proposal date

State Form Required? Yes No

LIM1-83317

Telephone: (978) 656-3525

Project # 115055

Client PO #

DATA DELIVERY (check one):
 FAX EMAIL WEBSITE CLIENT

Fax #:

Email: sullivan@trc-labs.com

Format: EXCEL PDF GIS KEY

OTHER

Field ID	Sample Description	Lab #	Start Date/Time	Stop Date/Time	Comp- osite	Grab	*Matrix Code	Conc. Code
Post-36 (30-36)		099B	2/17/09	0956	6	S	U	
Post-36 (36-42)		014420		0158				
Post-36 (42-45) (plus MSRP, N)		014411		1009				
Post-36 (45-54)		014422		1014				
Post-36 (54-60)		014423		1016				
Post-36 (60-66)		014424		1018				
Post-37 (60-66)		014425		1030				
Post-34 (6-12)		014426	2/17/09	1050	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

Relinquished by: (signature) [Signature] Date/Time: 2/17/09 1607

Received by: (signature) [Signature] Date/Time: 2/17/09 1600

Relinquished by: (signature) [Signature] Date/Time: 2-17-09 1818

Received by: (signature) [Signature] Date/Time: 2/17/09 1818

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

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

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

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

ANALYSIS REQUESTED	# of containers	**Preservation	~Cont. Code	~Cont. Code:
Total Arsenic	1			A=amber glass
Total Lead	1			G=glass
				P=plastic
				ST=sterile
				V=val
				S=surrima can
				T=teflar bag
				O=Other

Client Comments: Blue cooler walk in

**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.

AHA, NELAC & WBE/DBE Certified



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CHAIN OF CUSTODY RECORD

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

Company Name: TEC

Address: 650 Suffolk St.

Lowell MA 01854

Attention: David Sullivan

Project Location: City of W.B. (Waltham)

Sampled By: J. Sudders / H. Kizza

Proposal Provided? (For Billing purposes) Yes No
 proposal date 2009

State Form Required? Yes No

Telephone: (978) 656-3525
 Project # 115058
 Client PO # LIM1-83317

DATA DELIVERY (check one):
 FAX EMAIL WEBSITE CLIENT

Fax #: _____

Email: sullivan@tracelabs.com
 EXCEL PDF GIS KEY

OTHER

Field ID	Sample Description	Lab #	Date Sampled		Comp- osite	Grab	*Matrix Conc.		Total Arsenic	Total Lead	ANALYSIS REQUESTED	# of containers
			Start Date/Time	Sleep Date/Time			Code	Code				
	Post-3H (12-18)	04487	2/17/09	1052	C	S	U	X	X			
	Post-3H (18-24)	04488		1054				X	X			
	Post-3H (24-30)	04489		1056				X	X			
	Post-3H (30-36)	04430		1058				X	X			
	Post-3H (36-42)	04431		1100				X	X			
	Post-3H (42-48) (Pres)	04432		1102				X	X			
	Post-3H (48-54)	04433		1118				X	X			
	Post-3H (54-60)	04434	2/17/09	1120	C	S	U	X	X			

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

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

Detection Limit Requirements
 Regulations? MLP 5-15-2
 Data Enhancement Project/RCP? Y N
 Special Requirements or DL's: See Quote

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

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

Retinquired by: (signature) _____ Date/Time: 2/17/09 1630
 Received by: (signature) _____ Date/Time: 2/17/09 1600
 Retinquired by: (signature) _____ Date/Time: 2/17/09 1818
 Received by: (signature) _____ Date/Time: 2/17/09 1818

** 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

Blue cooler
 walk in

Client
 Comments:



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 Southfolk St.
Lowell MA 01854

Telephone: (978) 686-3525
 Project # 115055
 Client PO # _____

Attention: David Sullivan

Project Location: City of Lowell Fairfield (L01154)
 Sampled By: Jeff Saunders / H. R. 722

DATA DELIVERY (check one):
 FAX EMAIL WEBSITE CLIENT
 Fax #: _____
 Email: dsullivan@kassidatrans.com
 Format: EXCEL PDF GIS KEY
 OTHER

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

Field ID	Sample Description	Lab #	Date Sampled	Start Date/Time	Stop Date/Time	Comp-oste	Grab	*Matrix Code	Conc. Code	Analysis Requested	Client Comments:
	Post-3F (6-12)		2/17/09	0855	0900	✓	✓	S	U	Total Arsenic	
	Post-3F (12-18)		2/17/09	0900	0902	✓	✓	S	U	Total Lead	
	Post-3F (18-24)					✓	✓	S	U		
	Post-3F (24-30)					✓	✓	S	U		
	Post-3F (30-36)					✓	✓	S	U		
	Post-3F (36-42)					✓	✓	S	U		
	Post-3F (42-48)					✓	✓	S	U		
	Post-3G (66-72)		2/17/09	0915	0915	✓	✓	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

Relinquished by: (signature) [Signature] Date/Time: 2/17/09 1600
 Received by: (signature) [Signature] Date/Time: 2/17/09 1600
 Relinquished by: (signature) [Signature] Date/Time: 2-17-09 1818
 Received by: (signature) [Signature] Date/Time: 2/17/09 1818

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

Detection Limit Requirements
 Regulations? MLP 5-1/5-2
 Data Enhancement Project/RCP? Y N
 Special Requirements or DL's: See Quote

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

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

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



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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) 686-3585
 Project # 115058
 Client PO # _____

of containers: _____
 **Preservation: _____
 ~Cont Code: _____

Project Location: City of MB (Wash)
 Sampled By: S. Saunders / H. V. Rizer

DATA DELIVERY (check one):
 FAX EMAIL WEBSITE CLIENT
 Fax #: _____
 Email: ds.saunders@contestlabs.com
 Format: EXCEL PDF GIS KEY
 OTHER

ANALYSIS REQUESTED
 ~Cont. Code:
 A=amber glass
 G=glass
 P=plastic
 ST=sterile
 V=vial
 S=summary can
 T=tedlar bag
 O=Other

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

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

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

Received by: (signature) [Signature] Date/Time: 2/17/09 1600
 Received by: (signature) [Signature] Date/Time: 2/17/09 1600
 Received by: (signature) [Signature] Date/Time: 2-17-09 1818
 Received by: (signature) [Signature] Date/Time: 2/17/09 1818

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

Detection Limit Requirements
 Regulations? MCP 5-1/5-2
 Data Enhancement Project/RCP? Y N
 Special Requirements or DLs: See Cont. 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
 X = Na hydroxide
 T = Na thiosulfate

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



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CHAIN OF CUSTODY RECORD

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

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

Telephone: (978) 656-3525
 Project # 115055
 Client PO # _____

Project Location: City of NB (Wish)
 Sampled By: J. Scuders / H. Raza

DATA DELIVERY (check one):
 FAX EMAIL WEBSITE CLIENT
 Fax # : _____
 Email: dsullivan@tesolutions.com
 Format: EXCEL PDF GIS KEY
 OTHER

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

Field ID	Sample Description	Lab #	Date Sampled	Step	Comp-site	Grab	Matrix Conc. Code Code	Total Arsenic	Total Lead	ANALYSIS REQUESTED
	Post-3I (54-60)		2/17/09	1202			C S U	X	X	
	Post-3I (60-66)			1204			C S U	X	X	
	Post-3S (60-66)			1215			C S U	X	X	
	Post-3S (0-6)			1318			C S U	X	X	
	Post-3S (6-12)			1320			C S U	X	X	
	Post-3S (12-18)			1322			C S U	X	X	
	Post-3S (18-24)			1324			C S U	X	X	
	Post-3S (24-30)		2/17/09	1326			C S U	X	X	

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

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Relinquished by (signature) _____ Date/Time: 2/17/09 1600
 Received by (signature) _____ Date/Time: 2-17-9 1600
 Relinquished by (signature) _____ Date/Time: _____
 Received by (signature) _____ Date/Time: 2-17-9 1818
 Relinquished by (signature) _____ Date/Time: 2/17/09 1818

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

Detection Limit Requirements
 Regulations? MCP 51/5.2
 Data Enhancement Project/RCP? Y N
 Special Requirements or DL's: See Quote

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

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

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 Email: info@contestlabs.com
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CHAIN OF CUSTODY RECORD

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

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

Telephone: (978) 656-3525
 Project # 115055
 Client PO # _____

Project Location: City of US (Ludlow)
 Sampled By: J. Savarino / H. R. 274

DATA DELIVERY (check one):
 FAX EMAIL WEBSITE CLIENT
 Fax #: _____
 Email: davilloneforconsultants.com
 Format: EXCEL PDF XGIS KEY

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

Field ID	Sample Description	Lab #	Date Sampled		Comp- osite	Grab	*Matrix Code	Conc. Code	Total Arsenic	Total Lead	ANALYSIS REQUESTED	# of containers
			Start Date/Time	Step Date/Time								
Post-35	(30-36)		2/17/09	1325				X	X			
Post-35	(36-42)			1330				X	X			
Post-35	(42-48) (plus MS/09)			1332				X	X			
Post-35	(48-54)			1340				X	X			
Post-35	(54-60)			1342				X	X			
Post-35	(60-66)			1344				X	X			
Post-3K	(0-6)			1355				X	X			
Post-3K	(6-12)		2/17/09	1400				X	X			

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

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

Relinquished by: (signature) _____ Date/Time: 2/24/09 1600
 Received by: (signature) _____ Date/Time: 2-17-09 1600
 Relinquished by: (signature) _____ Date/Time: 2-17-09 1818
 Received by: (signature) _____ Date/Time: 2/17/09 1818

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

Detection Limit Requirements
 Regulations? NCL 5-1/5-2
 Data Enhancement Project/RCP? Y N
 Special Requirements or DL's: See Quote

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

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

X = Na hydroxide
 T = Na thiosulfate

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 5 of 11

Company Name: TRE
 Address: 650 Southfolk St.
Lowell MA 01854

Attention: David Sullivan

Project Location: City of Lowell
 Sampled By: J. Saunders / H. Rizza

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

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

DATA DELIVERY (check one):
 FAX EMAIL WEBSITE CLIENT
 Fax #:
 Email: dsullivan@resolutions.com
 EXCEL PDF GIS KEY
 OTHER

Field ID	Sample Description	Lab #	Date Sampled		Comp- oste	Grab	*Matrix Code	Conc. Code	Total Arsenic	Total Lead	ANALYSIS REQUESTED	# of containers
			Start Date/Time	Stop Date/Time								
	Post-3K (12-18)						S	U	X	X		
	Post-3K (18-24)						S	U	X	X		
	Post-3K (24-30)						S	U	X	X		
	Post-3K (30-36)						S	U	X	X		
	Post-3K (36-42)						S	U	X	X		
	Post-3K (42-48)						S	U	X	X		
	Post-3K (48-54)						S	U	X	X		
	Post-3L (6-12)						S	U	X	X		

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Received by: (signature) [Signature] Date/Time: 2/17/09 1600
 Received by: (signature) [Signature] Date/Time: 2/17-9 1600
 Relinquished by: (signature) [Signature] Date/Time: 2-17-9 1818
 Relinquished by: (signature) [Signature] Date/Time: 2/17/09 1818

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

Detection Limit Requirements
 Regulations? MLC 5-1/5-2
 Data Enhancement Project/RCP? Y N
 Special Requirements or DL's: See Quote

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



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CHAIN OF CUSTODY RECORD

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

Company Name: TRC
 Address: 650 SUFFOLK ST.
Lowell MA 01854
 Attention: David Sullivan

Telephone: (978) 656-3575
 Project # 115055
 Client PO # _____

Project Location: City of W3 (Waltham)
 Sampled By: J. Saunders / H. R. Rietz

DATA DELIVERY (check one):
 FAX EMAIL WEBSITE CLIENT
 Fax #: _____
 Email: dsullivan@presolutions.com
 Format: EXCEL PDF GIS KEY
 OTHER

Proposal Provided? (For Billing purposes)
 Yes 2002 proposal date Yes No State Form Required?

Field ID	Sample Description	Lab #	Start Date/Time	Step	Date/Time	Comp-oste	Grab	Matrix Code	Conc. Code	Analysis Requested	Client Comments:
	Post-3L (12-18)		2/17/09		1432			S	U	Total Arsenic	
	Post-3L (19-29)				1434			S	U	Total Lead	
	Post-3L (24-30)				1436			S	U		
	Post-3L (30-36)				1438			S	U		
	Post-3L (36-42)				1440			S	U		
	Post-3L (42-48) (plus)				1442			S	U		(plus used)
	Post-3L (48-54)				1450			S	U		
	Post-3L (54-60)		2/17/09		1452			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

Relinquished by: (signature) _____ Date/Time: 2/17/09 1600
 Received by: (signature) _____ Date/Time: 2-17-09 1818
 Relinquished by: (signature) _____ Date/Time: _____
 Received by: (signature) _____ Date/Time: 2/18/09 1818

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 S-1/5-2
 Data Enhancement Project/RCP? Y N
 Special Requirements or D.L.s: See Qute

Matrix Code:
 GW = groundwater
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Preservation Codes:
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CHAIN OF CUSTODY RECORD

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

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

Telephone: (978) 656-3565
 Project # 115058
 Client PO # _____

Project Location: City of WZ (Waltham)
 Sampled By: J. Saunders / H. Kizza

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

Proposal Provided? (For Billing purposes)
 Yes No
 Proposal date: 2/20/09

State Form Required?
 Yes No

Field ID	Sample Description	Lab #	Start Date/Time	Step Date/Time	Comp-site	Grab	Matrix Code	Conc. Code	Total Arsenic	Total Lead	ANALYSIS REQUESTED	# of containers	Preservation	Cont Code
	Post-3M (6-12)		2/17/09	1504			S	U	X	X				
	Post-3M (12-18)			1506			S	U	X	X				
	Post-3M (18-24)			1508			S	U	X	X				
	Post-3M (30-36)			1512			S	U	X	X				
	Post-3M (36-42)			1514			S	U	X	X				
	Post-3M (42-48)			1516			S	U	X	X				
	Post-3M (48-54)			1522			S	U	X	X				
	Post-3M (54-60)		2/13/09	1524			S	U	X	X				

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

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

Relinquished by: (signature) [Signature] Date/Time: 2/17/09 1600
 Relinquished by: (signature) [Signature] Date/Time: 2/17/09 1600
 Relinquished by: (signature) [Signature] Date/Time: 2-17-09 1516
 Relinquished by: (signature) [Signature] Date/Time: 2/17/09 1818

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.

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

Detection Limit Requirements
 Regulations? MCL 5-1/6-2
 Data Enhancement Project/RCP? Y N
 Special Requirements or DL's: See Quote

Matrix Code:
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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 = redlar bag
 O = Other

Client Comments:



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CHAIN OF CUSTODY RECORD

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

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

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

Project Location: City of WB (CWA154)
 Sampled By: J. Saunders / H. Rizza

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

Proposal Provided? (For Billing purposes)
 Yes 2009 proposal date Yes No
 State Form Required?
 Yes No

Field ID	Sample Description	Lab #	Start Date/Time	Step Date/Time	Comp-site	Grab	Matrix Code	Conc. Code												
	Post-3M (60-66)		2/17/09	1526			C	S	U											
	Post-39 (54-66)		2/17/09	1545			C	S	U											
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 - Clear; U - Unknown

Inquired by: (signature) _____ Date/Time: 2/17/09 1600
 Received by: (signature) _____ Date/Time: 2-17-09 1600
 Inquired by: (signature) _____ Date/Time: 2-17-09 1818
 Received by: (signature) _____ Date/Time: 2/17/09 1818

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

Detection Limit Requirements
 Regulations? MCL 5-17-2
 Data Enhancement Project/RCP? Y N
 Special Requirements or DL's: See Quote

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 S = Sulfuric Acid
 B = Sodium bisulfate
 X = Na hydroxide
 T = Na thiosulfate
 O = Other

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

Client Comments:

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



Sample Receipt Checklist

CLIENT NAME: TRC RECEIVED BY: CF DATE: 2/17/09

- 1) Was the chain(s) of custody relinquished and signed? Yes No
- 2) Does the chain agree with the samples? Yes No
If not, explain:
- 3) Are all the samples in good condition? Yes No
If not, explain:

4) How were the samples received:

On Ice Direct from Sampling Ambient In Cooler(s)

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

Temperature °C by Temp blank 3.0°C Temperature °C by Temp gun _____

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

Who was notified _____ Date _____ Time _____

6) Are there any samples "On Hold"? Yes No Stored where:

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

Who was notified _____ Date _____ Time _____

8) Location where samples are stored:

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	86
250 mL Amber (8oz amber)		2 oz clear jar	
1 Liter Plastic		Other glass jar	
500 mL Plastic		Plastic Bag / Ziploc	
250 mL plastic		Air Cassette	
40 mL Vial - type listed below		Brass Sleeves	
Colisure / bacteria bottle		Tubes	
Dissolved Oxygen bottle		Summa Cans	
Flashpoint bottle		Regulators	
Encore		Other	

Laboratory Comments:

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