

REPORT DATE 3/5/2009

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

CONTRACT NUMBER: PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23659

JOB NUMBER: 115058

PROJECT LOCATION: NEW BEDFORD-WALSH

FIELD SAMPLE #	LAB ID	MATRIX	SAMPLE DESCRIPTION	TEST	Subcontract Lab (if any) Cert. Nos.
WFE-5-E (0-1)	09B06381	SOIL	Not Specified	pb (mg/kg)dw icp	
WFE-5-E (0-1)	09B06381	SOIL	Not Specified	solids (percent)	
WFE-5-E (1-3)	09B06382	SOIL	Not Specified	pb (mg/kg)dw icp	
WFE-5-E (1-3)	09B06382	SOIL	Not Specified	solids (percent)	
WFE-5-F (0-1)	09B06385	SOIL	Not Specified	pb (mg/kg)dw icp	
WFE-5-F (0-1)	09B06385	SOIL	Not Specified	solids (percent)	
WFE-5-F (1-3)	09B06386	SOIL	Not Specified	pb (mg/kg)dw icp	
WFE-5-F (1-3)	09B06386	SOIL	Not Specified	solids (percent)	
WFE-5-G (0-1)	09B06379	SOIL	Not Specified	pb (mg/kg)dw icp	
WFE-5-G (0-1)	09B06379	SOIL	Not Specified	solids (percent)	
WFE-5-G (1-3)	09B06380	SOIL	Not Specified	pb (mg/kg)dw icp	
WFE-5-G (1-3)	09B06380	SOIL	Not Specified	solids (percent)	
WFE-5-H (0-1)	09B06383	SOIL	Not Specified	pb (mg/kg)dw icp	
WFE-5-H (0-1)	09B06383	SOIL	Not Specified	solids (percent)	
WFE-5-H (1-3)	09B06384	SOIL	Not Specified	pb (mg/kg)dw icp	
WFE-5-H (1-3)	09B06384	SOIL	Not Specified	solids (percent)	



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ANALYTICAL SUMMARY

LIMS BAT #:

LIMT-23659

JOB NUMBER:

115058

Comments:

LIMS BATCH NO.: LIMT-23659

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: Ail properly preserved

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

DETAILED CASE NARRATIVE

METHOD SW846-6010 - ADDITIONAL DETAILS

A duplicate and matrix spike were performed on sample 09B06386.

Matrix spike is outside of control limits for Pb. Analysis is in control based on laboratory fortified blank recovery. Sample non-homogeneity may have contributed to the outlier. Sample concentration >4X spike concentration, therefore a representative recovery may not be obtainable.

Only Pb was 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.

Tod Kopyscinski Air Laboratory Manager Michael Erickson

Assistant Laboratory Director

SIGNATURE

DATE

Edward Denson

Daren Damboragian

Technical Director

Organics Department Supervisor

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



DAVE SULLIVAN

TRC SOLUTIONS - LOWELL 3/5/2009
650 SUFFOLK STREET Page 1 of 5

LOWELL, MA 01852 Purchase Order No.:

Project Location: NEW BEDFORD-WALSH LIMS-BAT #: LIMT-23659

Date Received: 3/4/2009 Job Number: 115058

Field Sample #: WFE-5-E (0-1)

Sample ID: 09B06381 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

Units Results Date Analyst RL SPEC Limit P/ F
Analyzed Lo Hi

Lead mg/kg dry wt 91.0 03/05/09 OP 0.97

Field Sample #: WFE-5-E (1-3)

Sample ID: 09B06382 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

Units Results Date Analyst RL SPEC Limit P/ F
Analyzed Lo Hi

Lead mg/kg dry wt 2500 03/05/09 OP 1.15

Field Sample #: WFE-5-F (0-1)

Sample ID: 09B06385 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

Units Results Date RLSPEC Limit P/F Analyst Analyzed Lo Hi 03/05/09 Lead mg/kg dry wt 4.83 OP 0.90

Field Sample #: WFE-5-F (1-3)

Not Specified

Sample Matrix: SOIL

 Units
 Results
 Date Analyst Analyst
 RL SPEC Limit P/ F

 Analyzed
 Lo Hi

 Lead
 mg/kg dry wt
 839
 03/05/09 OP
 0.97

Field Sample #: WFE-5-G (0-1)

Sample ID: 09B06379 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

Units Results Date RLSPEC Limit P/F Analyst Analyzed Lo Hi Lead 100 03/05/09 OP 1.02 mg/kg dry wt

RL = Reporting Limit

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to

ND = Not Detected at or above the Reporting Limit determine PASS (P) or FAIL (F) condition of results.

NM = Not Measured

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

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



DAVE SULLIVAN

TRC SOLUTIONS - LOWELL 3/5/2009 650 SUFFOLK STREET Page 2 of 5

LOWELL, MA 01852 Purchase Order No.:

Project Location: **NEW BEDFORD-WALSH** LIMS-BAT #: LIMT-23659

Date Received: 3/4/2009 Job Number: 115058

Field Sample #: WFE-5-G (1-3)

09B06380 \$Sampled: 2/23/2009 Sample ID:

Not Specified

Sample Matrix: SOIL

Units Date RL SPEC Limit P/F Results Analyst Analyzed Lo Hi

Lead mg/kg dry wt 303 03/05/09 OP 0.99

Field Sample #: WFE-5-H (0-1)

\$Sampled: 2/23/2009 Sample ID: 09B06383

Not Specified

SOIL Sample Matrix:

Units Results Date Analyst RL SPEC Limit P/F Analyzed Lo Hi

Lead mg/kg dry wt 220 03/05/09 OP 1.04

Field Sample #: WFE-5-H (1-3)

Sample ID: 09B06384 **\$Sampled: 2/23/2009**

Not Specified

Sample Matrix: SOIL

Units Results Date Analyst RLSPEC Limit P/F Analyzed Lo Ηi 267 03/05/09 1.03 Lead OP mg/kg dry wt

Analytical Method: SW846 3050/6010

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

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regulatory level for comparison with data to

determine PASS (P) or FAIL (F) condition of results.

SPEC LIMIT = a client specified recommended or

NM = Not Measured

^{* =} See end of report for comments and notes applying to this sample

^{# =} See attached chain-of-custody record for time sampled



DAVE SULLIVAN

TRC SOLUTIONS - LOWELL 3/5/2009 650 SUFFOLK STREET Page 3 of 5

LOWELL, MA 01852 Purchase Order No.:

Project Location: **NEW BEDFORD-WALSH** LIMS-BAT #: LIMT-23659

Date Received: 3/4/2009 Job Number: 115058

Field Sample #: WFE-5-E (0-1)

09B06381 **\$Sampled: 2/23/2009** Sample ID:

Not Specified

Sample Matrix: SOIL

Units SPEC Limit P/F Results Date Analyst RL Ηi

Analyzed Lo

% 77.7 Solids, total 03/05/09 FD

Field Sample #: WFE-5-E (1-3)

Sample ID: 09B06382 ‡Sampled: 2/23/2009

Not Specified

SOIL Sample Matrix:

Units Results Date RL SPEC Limit P/F Analyst Analyzed Lo Hi

% 03/05/09 FD Solids, total 65.7

Field Sample #: WFE-5-F (0-1)

Sample ID: 09B06385 **\$Sampled: 2/23/2009**

Not Specified

Sample Matrix: SOIL

Units Results Date RLSPEC Limit P/F Analyst Analyzed Lo Hi

% 83.7 03/05/09 Solids, total FD

Field Sample #: WFE-5-F (1-3)

Sample ID: **\$Sampled: 2/23/2009** 09B06386

Not Specified

Sample Matrix: SOIL

Units Results RL SPEC Limit P/F Date Analyst Analyzed Lo

% Solids, total 77.7 03/05/09 FD

Field Sample #: WFE-5-G (0-1)

09B06379 ‡Sampled: 2/23/2009 Sample ID:

Not Specified

SOIL Sample Matrix:

Units Results Date RL SPEC Limit P/F Analyst Analyzed Lo Ηi

03/05/09 Solids, total % 73.6 FD

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



DAVE SULLIVAN

TRC SOLUTIONS - LOWELL 3/5/2009 650 SUFFOLK STREET Page 4 of 5

LOWELL, MA 01852 Purchase Order No.:

Project Location: **NEW BEDFORD-WALSH** LIMS-BAT #: LIMT-23659 Date Received: 3/4/2009

Job Number: 115058

Field Sample #: WFE-5-G (1-3)

09B06380 **\$Sampled: 2/23/2009** Sample ID:

Not Specified

SOIL Sample Matrix:

Units Date RL SPEC Limit P/F Results Analyst

Analyzed Lo Ηi

% 03/05/09 Solids, total 76.0 FD

Field Sample #: WFE-5-H (0-1)

09B06383 \$Sampled: 2/23/2009 Sample ID:

Not Specified

SOIL Sample Matrix:

Units Results Date Analyst RL SPEC Limit P/F Analyzed Lo Hi

Solids, total % 03/05/09 FD 72.3

Field Sample #: WFE-5-H (1-3)

Sample ID: 09B06384 **\$Sampled: 2/23/2009**

Not Specified

Sample Matrix: SOIL

Units Results Date Analyst RLSPEC Limit P/F Analyzed Lo Ηi Solids, total % 73.3 03/05/09 FD

Analytical Method:

SM 2540G

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

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NM = Not Measured

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

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



DAVE SULLIVAN

TRC SOLUTIONS - LOWELL 3/5/2009 650 SUFFOLK STREET Page 5 of 5

LOWELL, MA 01852 Purchase Order No.:

LIMS-BAT #: LIMT-23659 Project Location: NEW BEDFORD-WALSH Date Received: 3/4/2009

Job Number: 115058

** END OF REPORT **

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



39 Spruce Street $^\circ$ East Longmeadow, MA $\,$ 01028 $^\circ$ FAX 413/525-6405 $^\circ$ TEL. 413/525-2332 $\,$

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Method Blanks

Report Date:	3/5/2009	Lims Bat #: LIMT-23659		Page 1 of	2
QC Batch Number	er: ICP-21282				
Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B06386					
	Lead	Sample Amount	839.41	mg/kg dry wt	
		Duplicate Value	920.65	mg/kg dry wt	
		Duplicate RPD	9.23	%	0-35
		Sample Amount	839.41	mg/kg dry wt	
		Matrix Spk Amt Added	32.17	mg/kg dry wt	
		MS Amt Measured	1332.05	mg/kg dry wt	
		Matrix Spike % Rec.	1531.12	%	75-125
BLANK-130250					
	Lead	Blank	< 0.75	mg/kg dry wt	
LFBLANK-92413					
	Lead	Lab Fort Blank Amt.	136.00	mg/kg dry wt	
		Lab Fort Blk. Found	127.67	mg/kg dry wt	
		Lab Fort Blk. % Rec.	93.87	%	82-118
		Dup Lab Fort Bl Amt.	136.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	125.62	mg/kg dry wt	
		Dup Lab Fort BI %Rec	92.36	%	82-118
		Lab Fort Blank Range	1.50	units	
		Lab Fort Bl. Av. Rec	93.12	%	
		LFB Duplicate RPD	1.61	%	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: 3/5/2009 Lims Bat #: LIMT-23659 Page 2 of 2

QUALITY CONTROL DEFINITIONS AND ABBREVIATIONS

This is the number assigned to all samples analyzed together that QC BATCH NUMBER

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.

Amount of analyte found in a sample. Sample Amount

Method Blank that has been taken though all the steps of the Blank

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

Amount of analyte found including amount that was spiked MS Amt Measured

Matrix Spike % Rec. % Recovery of spiked amount in sample.

Duplicate Value The result from the Duplicate analysis of the sample.

The Relative Percent Difference between two Duplicate Analyses. Duplicate RPD

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

spiked 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 Duplicate Laboratory Fortified Blank Amount Found Dup Lab Fort Bl Fnd Duplicate Laboratory Fortified Blank % Recovery Dup Lab Fort Bl % Rec

Laboratory Fortified Blank Range (Absolute value of difference Lab Fort Blank Range 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

Matrix Spike Duplicate Amount Added (Spiked) MSD Amount Added 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

	M	IADEP MCP AN	ALYTICAL METHOD R	REPORT CERTIF	FICATION FO	DRM		
Labo	ratory Name: CC	N-TEST Analyti	cal Laboratory		Project #:	L/N	17-23659	
Proje	ect Location: NE	M BEDFOR	D, WALSH		MADEP R	TN¹:		
	· · · · · · · · · · · · · · · · · · ·		following data set: [list Laboratory	Sample ID	Num	ber(s)]	
0	- 150085	0980638	6					
Sam	ple Matrices:	Groundwater 🎉	-Soil/Sediment □ Di	rinking Water	☐ Other:			
MC	P SW-846	8260B ()	8151A ()	8330 ()	6010B ((X)	7470A/1A ()	
Me	thods Used	8270C ()	8081A ()	VPH()	6020 (()	9014M ² ()	
	ecified in MADEP	8082 ()	8021B()	EPH()	7000 S ³	()	7196A ()	
Analy	endium of ical Methods. k all that apply)	2 M - SW-846 M	acking Number (RTN), ethod 9014 or MADEP ethods 7000 Series Li	Physiologically			(PAC) Method	
An a	affirmative resp	onse to questio	ns A, B, C and D is i	required for "l	Presumptiv	re Ce	ertainty" status	
Α	Were all sample that described of	les received by ton the Chain-of-C	he laboratory in a c Custody documentation	ondition consison for the data	stent with set?	X,	∕es _. □ No¹	
В	included in thi	s report followe arrative QC data	quired for the specifi d, including the red that did not meet a	quirement to	note and	X	Ì Yes □ No ¹	
С	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"?							
D	VPH and EPH without signification	Methods only:	Was the VPH or EPH (see Section 11.3 of	l Method cond respective Me	ucted thods)		∃ Yes □ No ¹	
	A response to o	questions E and	F below is required	d for "Presum	ptive Certa	inty'	' status	
E		ical QC performa ethods achieved	ance standards and i	recommendation	ons for	X	Yes □ No ¹	
F	Were results f method(s) repo		t compounds/eleme	nts for the sp	ecified		Yes KNo ¹	
¹ A _i	l Negative respo	nses must be ad	dressed in an attach	ed Environmer	ntal Laborato	ory ca	ase narrative.	
ingui	ry of those re	esponsible for	pains and penalties obtaining the info y knowledge and be	rmation, the	material c	onta	my personal ined in this	
Sign	ature: \	Kape	Q	Position: Di	rector of O	pera	tions	
Prin	ted Name: Too	l Kopyscinski		Date: 3	5-09			



Phone: 413-525-2332 CHAIN

Fax: 413-525-6405 Email: Info@contestlabs.com

Limit- 06378

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

age 3 of 5

O = Other	0 = other		/al	* Require lab approval	414510	The state of the s
B = Sodium bisulfate	SL = sludge			v □ *72-Hr □ *4-Day	Pare/Time: 1400	eceived by: (Signature)
S = Sulfuric Acid	S = soil/solid	nts or DL's:	Special Requirements or DL's:	506 0 *24-Hr 0 *48-Hr	135.8 180	mall.
N = Nitric Acid	A = air	, . ,		RUSH *	Date/Time:	elinguished by: (signature)
M = Methanol	DW= drinking water	Project/RCP? XY IN	_ Data Enhancement	other	1800	A Mix
H = HCL T = Na thiosulfate	WW= wastewater			······		eceived,by: (signature)
I = lced $X = Na hydroxide$	GW = groundwater	mar 5-1/5-2	Regulations? /	7.Day	2/23/03 /60	Che Clitte
**Preservation Codes:	*Matrix Code:	Detection Limit Requirements	Detection Limi	Turnaround **	Date/Time:	elinguished by: (signature)
	C - Clean; U - Unknown	H - High; M - Medium; L - Low; C - Clean; U - Unknown	I - H	rasults	pending res	cht TCCP analysis
7	ix/Conc. Code Box:	gh in concentration in Matrix/Conc. Code Box:		1850 Les 1105 8	ins aliquots or	aboratory comments. Held all remaining alregates of soil for possible
specific sample may	to lef Con-Test know if a s	Please use the following codes to lef Con-Test know if a specific sample may			0	A CONTRACTOR OF THE PROPERTY O
HOCO #000		2	<u> </u>	0/21	18580	WFE-5-E (0-1) HOLD
2-80= jous) ms/ono	MS/DUP (2-8	7		/200		WFE-5-A (1-3) ms/our
				1155		WFE-5-A (0-1)
				1145		WFE-5-C (1-3)
				1140		WFE-5-C(0-1)
HOLD MOUD				1130	08580	WFE-5-G(1-3) HOUS
HOLD HOLD		×		1125	06379	WFE-5-G (0-1) HOLD
HUCD Comments:		X	X	2/23/69 1055		WFD6-E(1-3) HOLD
Client		Conc.	Comp- *Matrix osite Grab Code	Start Stop Date Time Date Time	Lab # 795	ield ID Sample Description
O =Other		d AH		ite S	Ø yes □ no	yes proposal date
T=tedlar bag		+	The second secon	OOTHER	State Form Required?	roposal Provided? (For Billing purposes)
S ≐summa can		PE	RPDF DGIS	11.		0,100,000
V= vial		\$	tresolutions.	Email: dsullipano	11/6 +64"	C Esster
ST=sterile		>)		Fax #:	walk	roject Location: New Bedfred - Walsh
Gi-glass D-Digetio			3	DELIVERY (c	M	ttention: Levi of Sulliver M
A=amber glass						+
FIEDCont. Code:	ANALYSIS REQUESTED			Client PO #	•	Par Maria
~Cont.Code		3	d.	Project # 1/5053	1	ddress: 150 Su LAIK "
**Preservation			70-5600	Telephone: (978) 970 - 5600		ompany Name: TCC
# of containers		5	•		www.contestlabs.com	

332 CHAIN OF CUSTODY RECORD

Phone: 413-525-2332 Fax: 413-525-6405

Email: info@contestlabs.com

15m1-06374

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O = Other	o = other		* Require lab approval	8 (2/84)Q	500
B = Sodium bisulfate	SL = sludge		☐ *72-Hr ☐ *4-Dav	```	
S = Sulfuric Acid	S = soil/solid	Special Requirements or DL's:	☐ *24-Hr ☐ *48-Hr	223-9 1900	
N = Nitric Acid	A = air	_			lelinquished by: (signature)
anol	<u>е</u>	Data Enhancement Project/RCP? MY DN	A Other S	13-33 1600	The state of the s
H = HCL $T = Na thiosulfate$	WW= wastewater	,	10-Day	Date/Time:	leceived by: (signature)
I = lced $X = Na hydroxide$	GW= groundwater	Regulations? MCP 5-115-2	☐ 7-Day	1212367 1600	I have
**Preservation Codes:	*Matrix Code:	Detection Limit Requirements	Turnaround **		lelinquished by: (signature)
	C - Clean; U - Unknown	H - High; M - Medium; L - Low;		>	TELP analysis
	ix/Conc. Code Box:		b soil to possible	my odrywates a	avoiding commence Hold all remaining alliquotes of
specific sample may	to let Con-Test know if a s	Please use the following codes to let Con-Test know if a specific sample may	-	A COMMON A C	
		¥ 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	V 1255		WFE-5-05(1-3)
O-Maganapan			/355		WFE-5-B(1-3)
			1350		WFE-5-B (0-1)
			1340	- And Andrews	WFE-5.D(1-3)
			1335		WFE-5-D(0-1)
	Hew		1325	0638H	WFE-5-H (1-3) HOLD
	Horo		1320	08383	WFE-5-H (0-1) HOLD
<u>Comments:</u>	HOLD	× ν × ×	2/23/09 1215	48830	WFE-5-E(1-3) HOLD
		osite Grab Code Code	Date Time Date Time c	Lab # 098	ield ID Sample Description
O =Other			ite Sampled	Xyes 🗆 no	yes proposal date
T=tedlar.bag		TAXABLE CONTINUE CONT	D OTHER	State Form Required?	roposal Provided? (For Billing purposes)
S=summa can		PDF DIGISKEY D	Format: TEXCEL X		
V= vial		the solythous own o	Email: Now 1117 an 10	ハードナイン	C Forter /
ST=sterile			A CHAILLING	walsh	roject Location: New Bulland
G=glass	-	Check one):			ittention: David Syllivan
				***************************************	lowel min
TED Cont Code:	ANALYSIS REQUESTED		Client PO #		700000
~Cont.Code		8 66	Project # 115058	***************************************	1.50
**Preservation		970-5600 111	Telephone:(478 97		ompany Name: RC
# of containers		~	3. · 3. ·	www.contestlabs.com	

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

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

ARLIA MEI AO GMETTOTO



Fax: 413-525-6405 Phone: 413-525-2332

Email: info@contestlabs.com

CHAIN OF CUSTODY RECORD

Lim1-06379

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

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The state of the s	received by: (erignature)	la	telinguished by: (signature)	Mr. Chard	teceivee by: (signature)	1 1 (1) 4	telinquished by: (signature)	TUP analysis p	Italy all remaining	aboratory Comments:		WFF-5-0 (1-3)	WFF-5-D(0-1)	WFF-5-4 (1-3) HOLD	WFF-5- H (0-1) HOLD	WFE-5-F(1-3) HOLD	WFE-5-F(0-1) HOLD	ield ID Sample Description L	yes proposal date	roposal Provided? (For Billing purposes)		iampled By: ("Foster / K.)	roject Location: New Bedford - 1		Itention: David Sullivan	lowell MA	ddress: 650 SWADIK St.	ompany Name: TKC	J i
1018PP	Date/Time: 10 CO	273-8 1900		1378 1600		3/3/69 /600		pending results	ing soil aligners							08386	06385	Lab # 098	X yes □ no	State Form Required?			- Walsh				***************************************		www.contesuabs.com
* Require lab approval	☐ *72-Hr ☐ *4-Day	☐ *24-Hr ☐ *48-Hr		Other 5	10-Day)	Turnaround **	8.	70 5)		V 1505	1500	1445	1440	1415	2/23/09 1410	Start Stop Date Time Date Time	Date Sampled	TO OTHER	Format: XEXCEL	Email: Oswilliano	Fax #:	DFAX DEMAIL DI	DATA DELIVERY (check one):	Client PO #	Project # // 5058	Telephone:(775)	
		Special Requirements or DL's:		Data Enhancement Project/F	***************************************	Regulations? MCP 5	Detection Limit Requ	H - High; M -	pass/b/c be high in cor	21,2 Y 2000		<				7	X V	Comp- *Matrix Conc. osite Grab Code Code		MANAGEMENT CONTRACTOR OF THE C	APDF II GIS KEY	the solutions con		DWEBSITE CLIENT	ck one):		~	970-5600	
		S:	,	Project/RCP? 😾 Y 🗆 N		PS-175-2	t Requirements	Medium; L - Low;	centration in Matri	e following codes t		<					× ×	PI PA	H	<u>(</u> 1:	34	P)					1. C.		6
O = other	SL = sludge	S = soil/solid	A = air	DW = drinking water	ww= wastewater	GW= groundwater	*Matrix Code:	H - Hìgh; M - Medium; L - Low; C - Clean; U - Unknown	be high in concentration in Matrix/Conc. Code Box:	Please use the following codes to let Con-Test know if a specific sample may				HOLD	HOLD	THEUS	H P P P P P P P P P P P P P P P P P P P									ANALYSIS REQUESTED			
o = Other	B = Sodium bisulfate	S = Sulfuric Acid	N = Nitric Acid	M = Methanol	H=HCL T=	I = Iced X =	**Preservation Codes:			specific sample may								-											=======================================
	0				T = Na thiosulfate	X = Na hydroxide	les:		Leannean	1	<u> </u>	 					Comments:		O =Other	T=tedlar bag	S=summa can	V = vial	ST=sterile	P=plastic	G=glass	-Cont. Code:	-Cont.Code	**Preservation	# of containers



Phone: 413-525-2332

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

CHAIN OF CUSTODY RECORD

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

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her	O = other O = Other		* Require lab approval	D193661	The state of the s
= Sodium bisulfate	SL = sludge B = So		□ *72-Hr □ *4-Day	Rafe/Time: 0:/500	received by: (signature)
= Sulfuric Acid	S = soil/solid S = Sul	Special Requirements or DL's:	☐ *24-Hr ☐ *48-Hr	J.43.3 1300	The state of the s
N = Nitric Acid		•			telinquished by: (signature)
ethanol	<u> </u>	Data Enhancement Project/RCP? XY IN	2	JA318 1600	The Manual Control of the Control of
					lecement by: (signature)
X = Na hydroxide	ater	mcp 5-1/5-2	7-Day	2/23/es 1600	in Oxfe
**Preservation Codes:			Turnaround **	Date/Time:	lelinguished by: (signature)
	C - Clean; U - Unknown	H - High; M - Medium; L - Low; C			Ctt F
8	WConc. Code Box:	oe nign in concentration in watrix/conc. Code Box:	-Jr -Jr		ressind TUP analysis
) let Con-Test know if a specific		to 87 soil for	Thing alignots	aboratory Comments: Hild All Freme
HOUS		1 4 4 4 HOLD	V 0340		WFD6-H(1-3) HOLD
HOLD		Horp	0735	ð	total wild H(O-1) HOLD
			0520		WFD6-D(1-3)
			2160		WEDE- D(0-1)
Held	5	Mout.	0900		WFD6-F(1-3) HOLD
Itava	J	HOLD	0835		WFD6- F(0-1) HOLD
			0845		WFD6-13(1-3)
Comments:		XXX	2/23/08 0840		WFD6-B(0-1)
		osite Grab Code Code	Date Aime Bet (7 me)	Lab#	ield ID Sample Description
O =Other		d	ite S	X yes no	yes proposal date
T=tedlar bag		VIRTURAL PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF T	OTHER_	State Form Required?	'roposal Provided? (For Billing purposes)
S=summa can		PDF GISKEY P	Format: XEXCEL X		1
V = viai		Email: obullivand tresolutions con 9	Email: 0/5w1/1001/6	K. K. tehin	iampled By: C. Foster /K
ST=sterile			Fax # :	Talsh	roject Location: New Bedford - Un 15h
G=glass		CNECK ONE):	DAIA DELIVERY (check one):		TRANSPORT TO THE TRANSP
A =amber glass					Carry 7
_Cont. Code:	ANALYSIS REQUESTED	AI	Client PO #		(mell m) A
~Cont.Code		587	Project # //5058		ddress: 150 Sulfall St
**Preservation		0-5200	Telephone: (775) 570 - 52 00		ompany Name: TRC
# of containers			•	www.contestlabs.com	



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

Page 2 of S

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

ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS	FILLED OUT	IIS FORM IS NOT F	HAIN. IF TH		E ARE QUESTIONS	EIPT UNLESS THER	ER SAMPLE REC	HE DAY AFTI START UNTIL	TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ARE ANSWERED BY OUR CLIENT	TURNAROUND
ler	o = Other	0 = other				* Require lab approval	1 * 1	11/10/10		1
B = Sodium bisulfate	B = Soc	SL = sludge			-	☐ *72-Hr ☐ *4-Day	1800	Date/Time:	ature) S. O.	eceived by: (sterfature)
S = Sulfuric Acid	S = Sulf	S = soll/solid		ents or DL's:	Special Requirements or DL's:	□ *24-Hr □ *48-Hr	1808	260		112
ic Acid		A = air				RUSH *		Date/Time:	ignature)	elinguished by: (signature)
	er M = Methanol	DW= drinking water	DY DN	nt Project/RCP?	Data Enhancement Project/RCP?	Other 3	1600	1-16	and the second s	11/2/12
T = Na thiosulfate	H=HCL	WW = wastewater			MANUTAL AND THE PROPERTY OF TH	10-Day \		Date/Time	annex /	eceived by: (signature)
X = Na hydroxide	r 1 = lced	GW= groundwater	14.6	101 321	Regulations?	☐ 7-Day	7 1600	2 att. 7-1/2-1		The state of the s
**Preservation Codes:		*Matrix Code:	;	nit Requirements	Detection Limit	Turnaround **	<u>}</u>	Date/Time	Ignature/	elinquished by (signature)
	nown	C - Clean; U - Unknown		H - High; M - Medium; L - Low;	1	X	ring result	is punding	TELP analysis	CH
sample may	w if a specific :	Please use the tollowing codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:	wing codes tation in Matri	ase use the tollo high in concentra	passible be	S 21 F	remaining orliquets of	in high	a //	aboratory comments:
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						1035			WFD6-4 (1-3)	7
MS/DUM		DWP	ms/			1030			WFDG-A(0-1) wspan	T
Heus		7	Hoth			1015			WFD6-G(1-3) HOLD	Ital
HOLD		0	HOUD			2/23/09 1010	21	Paramon portanting	WFD6-G (0-1) HOLD	WFD
						0850482/23/15	05		WFD6D4 (0-1)	WFL
	-					0955 \$2/23/09	0.		WFD6-C(1-3)	シデ
Comments				S X	×	0950 - 2/23/09	05		WFD6-C(0-1)	S T W
				rix Conc. Ca	Comp- *Matrix osite Grab Code	Stop Tume Date (Time)	Start	Lab #	Sample Description	ield ID Sample
© =Other						Date Sampled	J no D	X yes [proposal date	yes
T=tedlar bag					TO THE REAL PROPERTY OF THE PERSON OF THE PE	O OTHER	Required?	State Form Required?	roposal Provided? (For Billing purposes)	roposal Provided
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G=glass				1	ck one):	DELIVERY (c	DAI	A STATE OF THE STA	Driving Juliany	ttention:
A=amber glass									-	7
-Cont. Code:	UESTED	ANALYSIS REQUESTED	~			Client PO#	Clier		A Mary Merry	
~Cont.Code				প	15058	ect #	Project #		18 211872 080	ddress:
**Preservation					70-5600	Telephone: 978 970 - 5600			TRC	ompany Name:
# of containers	_			<u>-</u>		·		www.contestlabs.com		

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

AIHA. NELAC & WREIDRE Cortifical

tferrentino@contestlabs.com

From:

"Sullivan, Dave (Lowell, MA-US)" < DSullivan@TRCSOLUTIONS.com>

To:

<tferrentino@contestlabs.com>

Cc:

"Niles, Ryan (Lowell,MA-US)" <RNiles@trcsolutions.com>; "Zhou, Ping (Lowell,MA-US)"

<PZhou@trcsolutions.com>; "Silverman, Diane (Lowell,MA-US)"

<DSilverman@trcsolutions.com>; "Silverman, Diane" <Diane.Silverman@maine.gov>

Sent:

Wednesday, March 04, 2009 12:37 PM

Subject:

Hold Authorization

Theresa:

Please expedite the following TRC soil samples for Lead analysis:

WFE-5-E (0-1)

WFE-5-E (1-3)

WFE-5-H (0-1)

WFE-5-H (1-3)

WFE-5-F (0-1)

WFE-5-F (1-3)

WFE-5-G (0-1)

WFE-5-G (1-3)

Thanks very much,

-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-LOULLE	LOCATION ON-hold
CONTACT Dave Sullivan	PROJECT ID
CONTACT PHONE	FAX
DATE 3/4/09 TIME 12:55	TAT 24he DUE DATE 35
REQUEST TAKEN BY TUC	GIVEN TO Loz in
ACTIVATION REQUEST:	
See Attached En	a 2
SPECIAL INSTRUCTIONS AND TERMS	:
FAXED TO CONTACT FOR APPROVAL	: Y N
ACTIVATION IS CORRECT PER OUR RI	EQUESTDATE
CONTEST FINAL APPROVAL	

www.contestlabs.com



Sample Receipt Checklist

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

P: 413-525-2332 F: 413-525-6405

	Sample ite	<u> </u>			2/22/00
CLIENT NAME: TRC. LOW	N	RECEIVE	DBY: CES	DATE	3/33/07
1) Was the chain(s) of custody r 2) Does the chain agree with the If not, explain: 3) Are all the samples in good co- If not, explain:	elinquished and sig	ned?	(Yes (Yes	No No No	
Were the samples received in Temperature °C by Temp blank	Sampling Lamperature Complia	Tempera	°C)? Yes ture °C by Temp Yes	No Sun	
Who was notified 6) Are there any samples "On Ho	Date old"? T HOLDING TIME sa		Yes	No	d where:
Who was notified 8) Location where samples are s	Date	I imi	Permission to	subcontract states only) if not	samples? Yes No already approved
		ant in 1	o Con-Te	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	300
	Containers s	CIILIII	0 0011-10		# of containers
1 Liter Amber	# of containers		8 oz clea 4 oz clea		39
500 mL Amber 250 mL Amber (8oz amber)			2 oz clea Other glas		
1 Liter Plastic 500 mL Plastic			Plastic Bag / Air Cass		
250 mL plastic 40 mL Vial - type listed below			Brass Sle	eves	
Colisure / bacteria bottle Dissolved Oxygen bottle		1	Summa C	Cans	
Flashpoint bottle Encore			Regulate Other		
Laboratory Comments:		**************************************			· · · · · · · · · · · · · · · · · · ·
40 mL vials: # HCl # Bisulfate	# Methanol # DI Water Unpreserve		_ Inne and De	ate Frozen:	

Do all samples have the proper pH: Yes No N/A