

REPORT DATE 3/3/2009

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

CONTRACT NUMBER: PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23465 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-3X (12-18)	09B05320	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3X (12-18)	09B05320	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3X (12-18)	09B05320	SOIL	Not Specified	solids (percent)	
POST-3X (18-24)Q	09B05321	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3X (18-24)Q	09B05321	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3X (18-24)Q	09B05321	SOIL	Not Specified	solids (percent)	
POST-3X (24-30)	09B05322	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3X (24-30)	09B05322	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3X (24-30)	09B05322	SOIL	Not Specified	solids (percent)	
POST-3X (30-36)	09B05323	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3X (30-36)	09B05323	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3X (30-36)	09B05323	SOIL	Not Specified	solids (percent)	
POST-3X (36-42)	09B05324	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3X (36-42)	09B05324	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3X (36-42)	09B05324	SOIL	Not Specified	solids (percent)	
POST-3X (42-48)	09B05325	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3X (42-48)	09B05325	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3X (42-48)	09B05325	SOIL	Not Specified	solids (percent)	
POST-3X (48-54)	09B05326	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3X (48-54)	09B05326	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3X (48-54)	09B05326	SOIL	Not Specified	solids (percent)	
POST-3X (54-60)	09B05327	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3X (54-60)	09B05327	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3X (54-60)	09B05327	SOIL	Not Specified	solids (percent)	
POST-3X (6-12)	09B05319	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3X (6-12)	09B05319	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3X (6-12)	09B05319	SOIL	Not Specified	solids (percent)	
POST-3X (60-66)	09B05328	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3X (60-66)	09B05328	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3X (60-66)	09B05328	SOIL	Not Specified	solids (percent)	
WFC-2B (0-1)	09B05329	SOIL	Not Specified	as (mg/kg)dw icp	
WFC-2B (0-1)	09B05329	SOIL	Not Specified	pb (mg/kg)dw icp	
WFC-2B (0-1)	09B05329	SOIL	Not Specified	solids (percent)	
WFC-2B (1-3)	09B05330	SOIL	Not Specified	as (mg/kg)dw icp	
WFC-2B (1-3)	09B05330	SOIL	Not Specified	pb (mg/kg)dw icp	
WFC-2B (1-3)	09B05330	SOIL	Not Specified	solids (percent)	
WFC-2C (0-1)	09B05331	SOIL	Not Specified	as (mg/kg)dw icp	
WFC-2C (0-1)	09B05331	SOIL	Not Specified	pb (mg/kg)dw icp	
WFC-2C (0-1)	09B05331	SOIL	Not Specified	solids (percent)	



REPORT DATE 3/3/2009

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CONTRACT NUMBER: PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

WFC-2C (1-3)QC	09B05332	SOIL	Not Specified	LIMS BAT #: LIMT-23465 JOB NUMBER: 115058 as (mg/kg)dw icp
WFC-2C (1-3)QC	09B05332	SOIL	Not Specified	pb (mg/kg)dw icp
WFC-2C (1-3)QC	09B05332	SOIL	Not Specified	solids (percent)
WFC-2D (0-1)	09B05333	SOIL	Not Specified	as (mg/kg)dw icp
WFC-2D (0-1)	09B05333	SOIL	Not Specified	pb (mg/kg)dw icp
WFC-2D (0-1)	09B05333	SOIL	Not Specified	solids (percent)
WFC-2D (1-3)	09B05334	SOIL	Not Specified	as (mg/kg)dw icp
WFC-2D (1-3)	09B05334	SOIL	Not Specified	pb (mg/kg)dw icp
WFC-2D (1-3)	09B05334	SOIL	Not Specified	solids (percent)
WFC-2I (1-3)	09B05335	SOIL	Not Specified	as (mg/kg)dw icp
WFC-2I (1-3)	09B05335	SOIL	Not Specified	pb (mg/kg)dw icp
WFC-2I (1-3)	09B05335	SOIL	Not Specified	solids (percent)



REPORT DATE

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

CONTRACT NUMBER: PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #:

LIMT-23465

JOB NUMBER: 115058

Comments:

LIMS BATCH NO.: LIMT-23465

CASE NARRATIVE SUMMARY

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

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

In method 6010, the low level calibration check is outside control limits for As. Reported results for this element at or near the detection limit may be bias on the low side. The duplicate rpd is outside of control limits for Pb for samples 09B05321 and 09B05332. Outliers can be attributed to sample non homogeneity or a "hot spot" encountered during sample prep. Reduced precision expected for this

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

DETAILED CASE NARRATIVE

METHOD SW846-6010 - ADDITIONAL DETAILS

Only As and Pb were requested and reported. A sample duplicate and ms were performed on samples 09B05321 and 09B05332. For sample 09B05332 the ms recovery is outside control limits for Pb. Sample concentration is >4X spike concentration, therefore a representative recovery may not be obtainable.

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

AlHA 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.

SIGNATURE

Tod Kopyscinski

Michael Erickson

Air Laboratory Manager

Assistant Laboratory Director

Lurand Denson 3/3/09

Edward Denson

Daren Damboragian

Technical Director

Organics Department Supervisor

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



DAVID SULLIVAN

TRC SOLUTIONS - LOWELL 3/3/2009
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LOWELL, MA 01852 Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH) LIMS-BAT #: LIMT-23465

Date Received: 2/23/2009 Job Number: 115058

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

Sample ID: 09B05320 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

Units Results Date Analyst RL SPEC Limit P/ F

Analyzed Lo Hi

Arsenic mg/kg dry wt 25.3 03/02/09 KSH 2.78

Field Sample #: POST-3X (18-24)QC

Sample ID: 09B05321 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

Units Results Date Analyst RL SPEC Limit P/ F

Analyzed Lo Hi

Arsenic mg/kg dry wt 7.64 03/02/09 KSH 2.75

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

Not Specified

Sample Matrix: SOIL

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

Allalyzed

Arsenic mg/kg dry wt 8.16 03/02/09 KSH 2.71

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

Not Specified

Sample Matrix: SOIL

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

Arsenic mg/kg dry wt 6.63 03/02/09 KSH 2.74

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

Not Specified

Sample Matrix: SOIL

Units Results Date RL SPEC Limit P/F Analyst Analyzed Lo Hi Arsenic 125 03/02/09 **KSH** 2.93 mg/kg dry wt

RL = Reporting Limit

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DAVID SULLIVAN

TRC SOLUTIONS - LOWELL 3/3/2009
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LOWELL, MA 01852 Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH) LIMS-BAT #: LIMT-23465

Date Received: 2/23/2009 Job Number: 115058

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

Sample ID: 09B05325 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

Units Results Date Analyst RL SPEC Limit P/ F

Analyzed Lo Hi

Arsenic mg/kg dry wt 162 03/02/09 KSH 3.20

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

Not Specified

Sample Matrix: SOIL

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

Arsenic mg/kg dry wt 18.3 03/02/09 KSH 2.85

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

Sample ID: 09B05327 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

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

Arsenic mg/kg dry wt 4.46 03/02/09 KSH 2.81

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

Not Specified

Sample Matrix: SOIL

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

Arsenic mg/kg dry wt 117 03/02/09 KSH 3.15

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

Sample ID: 09B05328 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

Units Results Date RL SPEC Limit P/F Analyst Analyzed Lo Hi Arsenic 4.20 03/02/09 **KSH** 3.13 mg/kg dry wt

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TRC SOLUTIONS - LOWELL 3/3/2009
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LOWELL, MA 01852 Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH) LIMS-BAT #: LIMT-23465

Date Received: 2/23/2009 Job Number: 115058

Field Sample #: WFC-2B (0-1)

Sample ID: 09B05329 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

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

Arsenic mg/kg dry wt 132 03/02/09 KSH 2.99

Field Sample #: WFC-2B (1-3)

Sample ID: 09B05330 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

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

Arsenic mg/kg dry wt 47.9 03/02/09 KSH 2.82

Field Sample #: WFC-2C (0-1)

Sample ID: 09B05331 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

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

Arsenic mg/kg dry wt 62.3 03/02/09 KSH 3.07

Field Sample #: WFC-2C (1-3)QC

Not Specified

Sample Matrix: SOIL

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

Arsenic mg/kg dry wt 10.3 03/02/09 KSH 3.48

Field Sample #: WFC-2D (0-1)

Not Specified

Sample Matrix: SOIL

Units Results Date SPEC Limit P/F Analyst RLAnalyzed Lo Hi Arsenic 133 03/02/09 **KSH** 2.96 mg/kg dry wt

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TRC SOLUTIONS - LOWELL 3/3/2009
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LOWELL, MA 01852 Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH) LIMS-BAT #: LIMT-23465

Date Received: 2/23/2009 Job Number: 115058

Field Sample #: WFC-2D (1-3)

Sample ID: 09B05334 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

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

Allaly2ed LO

Arsenic mg/kg dry wt 4.52 03/02/09 KSH 2.90

Field Sample #: WFC-2I (1-3)

Sample ID: 09B05335 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

Units Results Date Analyst RL SPEC Limit P/F Analyzed Lo Hi 03/02/09 2.95 Arsenic mg/kg dry wt 15.5 KSH

Analytical Method: SW846 3050/6010

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

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



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TRC SOLUTIONS - LOWELL 3/3/2009
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LOWELL, MA 01852 Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH) LIMS-BAT #: LIMT-23465

Date Received: 2/23/2009 Job Number: 115058

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

Sample ID: 09B05320 ‡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 36.2 03/02/09 KSH 0.84

Field Sample #: POST-3X (18-24)QC

Sample ID: 09B05321 ‡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 61.5 03/02/09 KSH 0.83

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

Not Specified

Sample Matrix: SOIL

Units Results Date Analyst RL SPEC Limit P/ F

Analyzed Lo Hi

Lead mg/kg dry wt 235 03/02/09 KSH 0.82

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

Not Specified

Sample Matrix: SOIL

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

Lead mg/kg dry wt 30.0 03/02/09 KSH 0.82

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

Sample ID: 09B05324 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

Units Results Date SPEC Limit P/F Analyst RL Analyzed Lo Hi Lead 868 03/02/09 **KSH** 0.88 mg/kg dry wt

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TRC SOLUTIONS - LOWELL 3/3/2009
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LOWELL, MA 01852 Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH) LIMS-BAT #: LIMT-23465

Date Received: 2/23/2009 Job Number: 115058

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

Sample ID: 09B05325 ‡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 976 03/02/09 KSH 0.96

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

Not Specified

Sample Matrix: SOIL

Units Results Date Analyst RL SPEC Limit P/ F

Analyzed Lo Hi

Lead mg/kg dry wt 203 03/02/09 KSH 0.86

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

Not Specified

Sample Matrix: SOIL

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

Lead mg/kg dry wt 58.0 03/02/09 KSH 0.85

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

Not Specified

Sample Matrix: SOIL

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

Lead mg/kg dry wt 48.6 03/02/09 KSH 0.95

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

Sample ID: 09B05328 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

Units Results Date SPEC Limit P/F Analyst RL Analyzed Lo Hi Lead 79.6 03/02/09 **KSH** 0.94 mg/kg dry wt

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TRC SOLUTIONS - LOWELL 3/3/2009
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LOWELL, MA 01852 Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH) LIMS-BAT #: LIMT-23465

Date Received: 2/23/2009 Job Number: 115058

Field Sample #: WFC-2B (0-1)

Sample ID: 09B05329 ‡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 27.3 03/02/09 KSH 0.90

Field Sample #: WFC-2B (1-3)

Not Specified

Sample Matrix: SOIL

Units Results Date Analyst RL SPEC Limit P/F Analyzed Lo Hi 03/02/09 0.85 Lead mg/kg dry wt 42.0 **KSH**

Field Sample #: WFC-2C (0-1)

Sample ID: 09B05331 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

Units Results Date RLSPEC Limit P/F Analyst Analyzed Lo Hi 03/02/09 Lead mg/kg dry wt 66.2 **KSH** 0.92

Field Sample #: WFC-2C (1-3)QC

Not Specified

Sample Matrix: SOIL

 Units
 Results
 Date Analyst
 RL
 SPEC Limit
 P/ F

 Analyzed
 Lo
 Hi

 Lead
 mg/kg dry wt
 514
 03/02/09
 KSH
 1.05

Field Sample #: WFC-2D (0-1)

Not Specified

Sample Matrix: SOIL

Units Results Date SPEC Limit P/F Analyst RLAnalyzed Lo Hi Lead 34.4 03/02/09 **KSH** 0.89 mg/kg dry wt

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TRC SOLUTIONS - LOWELL 3/3/2009 650 SUFFOLK STREET Page 8 of 13

LOWELL, MA 01852 Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH) LIMS-BAT #: LIMT-23465

Date Received: 2/23/2009 Job Number: 115058

Field Sample #: WFC-2D (1-3)

09B05334 \$Sampled: 2/23/2009 Sample ID:

Not Specified

Sample Matrix: SOIL

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

Lead mg/kg dry wt 96.9 03/02/09 **KSH** 0.87

Field Sample #: WFC-2I (1-3)

\$Sampled: 2/23/2009 Sample ID: 09B05335

Not Specified

SOIL Sample Matrix:

Units Results Date Analyst RL SPEC Limit P/F Analyzed Lo Hi 226 03/02/09 Lead mg/kg dry wt KSH 0.89

Analytical Method: SW846 3050/6010

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

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ND = Not Detected at or above the Reporting Limit

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



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TRC SOLUTIONS - LOWELL 3/3/2009
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LOWELL, MA 01852 Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH) LIMS-BAT #: LIMT-23465

Date Received: 2/23/2009 Job Number: 115058

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

Sample ID: 09B05320 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

Units Results Date Analyst RL SPEC Limit P/ F

Analyzed Lo Hi

Solids, total % 90.2 03/02/09 FD

Field Sample #: POST-3X (18-24)QC

Sample ID: 09B05321 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

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

Solids, total % 91.2 03/02/09 FD

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

Sample ID: 09B05322 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

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

Solids, total % 92.5 03/02/09 FD

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

Not Specified

Sample Matrix: SOIL

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

Solids, total % 91.5 03/02/09 FD

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

Sample ID: 09B05324 ‡Sampled : 2/23/2009

Not Specified

Sample Matrix: SOIL

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

 Solids, total
 %
 85.6
 03/02/09 FD

RL = Reporting Limit

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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



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TRC SOLUTIONS - LOWELL 3/3/2009 650 SUFFOLK STREET Page 10 of 13

LOWELL, MA 01852 Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH) LIMS-BAT #: LIMT-23465

Date Received: 2/23/2009 Job Number: 115058

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

09B05325 \$Sampled: 2/23/2009 Sample ID:

Not Specified

Sample Matrix: SOIL

Units SPEC Limit P/F Results Date Analyst RL

Lo Analyzed Ηi

Solids, total 78.3 03/02/09 FD

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

Sample ID: 09B05326 ‡Sampled: 2/23/2009

Not Specified

SOIL Sample Matrix:

Units Results Date RL SPEC Limit P/F Analyst

Analyzed Lo Hi

% 03/02/09 FD Solids, total 87.8

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

Sample ID: 09B05327 **\$Sampled: 2/23/2009**

Not Specified

Sample Matrix: SOIL

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

03/02/09 Solids, total 89.1 FD

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

Sample ID: 09B05319 **\$Sampled: 2/23/2009**

Not Specified

Sample Matrix: SOIL

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

% Solids, total 79.6 03/02/09 FD

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

‡Sampled: 2/23/2009 Sample ID: 09B05328

Not Specified

SOIL Sample Matrix:

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

Solids, total % 79.9 03/02/09 FD

SPEC LIMIT = a client specified recommended or RL = Reporting Limit 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.

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650 SUFFOLK STREET Page 11 of 13

LOWELL, MA 01852 Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH) LIMS-BAT #: LIMT-23465

Date Received: 2/23/2009 Job Number: 115058

Field Sample #: WFC-2B (0-1)

Sample ID: 09B05329 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

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

Solids, total % 83.8 03/02/09 FD

Field Sample #: WFC-2B (1-3)

Not Specified

Sample Matrix: SOIL

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

Solids, total % 88.9 03/02/09 FD

Field Sample #: WFC-2C (0-1)

Sample ID: 09B05331 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

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

Solids, total % 81.6 03/02/09 FD

Field Sample #: WFC-2C (1-3)QC

Not Specified

Sample Matrix: SOIL

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

Solids, total % 72.0 03/02/09 FD

Field Sample #: WFC-2D (0-1)

Sample ID: 09B05333 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

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

 Solids, total
 %
 84.6
 03/02/09 FD

RL = Reporting Limit S

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



DAVID SULLIVAN

TRC SOLUTIONS - LOWELL 3/3/2009 650 SUFFOLK STREET Page 12 of 13

LOWELL, MA 01852 Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH) LIMS-BAT #: LIMT-23465

Date Received: 2/23/2009 Job Number: 115058

Field Sample #: WFC-2D (1-3)

Sample ID: 09B05334 \$Sampled: 2/23/2009

Not Specified

SOIL Sample Matrix:

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

Lo

Solids, total 03/02/09 86.3 FD

Field Sample #: WFC-2I (1-3)

09B05335 Sample ID: \$Sampled: 2/23/2009

Not Specified

SOIL Sample Matrix:

Units Results Date Analyst RL SPEC Limit P/F Analyzed Lo Hi % 84.9 Solids, total 03/02/09 FD

Analytical Method:

SM 2540G

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

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

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



DAVID SULLIVAN

TRC SOLUTIONS - LOWELL 3/3/2009
650 SUFFOLK STREET Page 13 of 13

LOWELL, MA 01852 Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH)

Date Received: 2/23/2009

LIMS-BAT #: LIMT-23465

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:	3/3/2009	Lims Bat #: LIMT-23465		Page 1 of	J
QC Batch Numb					
Sample Id	Analysis	QC Analysis	Values	Units	Limits
9B05321					
	Arsenic	Sample Amount	7.63	mg/kg dry wt	
		Duplicate Value	7.43	mg/kg dry wt	
		Duplicate RPD	2.61	%	0-35
		Sample Amount	7.63	mg/kg dry wt	
		Matrix Spk Amt Added	27.41	mg/kg dry wt	
		MS Amt Measured	35.46	mg/kg dry wt	
		Matrix Spike % Rec.	101.50	%	75-125
	Lead	Sample Amount	61.46	mg/kg dry wt	
		Duplicate Value	166.07	mg/kg dry wt	
		Duplicate RPD	91.95	%	0-35
		Sample Amount	61.46	mg/kg dry wt	
		Matrix Spk Amt Added	27.41	mg/kg dry wt	
		MS Amt Measured	89.45	mg/kg dry wt	
		Matrix Spike % Rec.	102.11	%	75-125
B05332					
	Arsenic	Sample Amount	10.27	mg/kg dry wt	
		Duplicate Value	11.15	mg/kg dry wt	
		Duplicate RPD	8.16	%	0-35
		Sample Amount	10.27	mg/kg dry wt	
		Matrix Spk Amt Added	34.72	mg/kg dry wt	
		MS Amt Measured	47.68	mg/kg dry wt	
		Matrix Spike % Rec.	107.74	%	75-125
	Lead	Sample Amount	514.44	mg/kg dry wt	
		Duplicate Value	288.32	mg/kg dry wt	
		Duplicate RPD	56.33	%	0-35
		Sample Amount	514.44	mg/kg dry wt	
		Matrix Spk Amt Added	34.72	mg/kg dry wt	
		MS Amt Measured	335.27	mg/kg dry wt	
A N II / 400 / / -		Matrix Spike % Rec.	-515.99	%	75-125
-ANK-130146	A	Dia 1	-0.50		
	Arsenic	Blank	<2.50	mg/kg dry wt	
DI ANII 227 -	Lead	Blank	<0.75	mg/kg dry wt	
FBLANK-92301			400.00		
	Arsenic	Lab Fort Blank Amt.	123.00	mg/kg dry wt	
		Lab Fort Blk. Found	130.54	mg/kg dry wt	00.100
		Lab Fort Blk. % Rec.	106.13	%	80-120
		Dup Lab Fort BI Amt.	123.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	133.86	mg/kg dry wt	00.100
		Dup Lab Fort BI %Rec	108.82	%	80-120
		Lab Fort Blank Range	2.69	units	
		Lab Fort Bl. Av. Rec	107.47	%	
		LFB Duplicate RPD	2.51	%	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:	3/3/2009	Lims Bat #: LIMT-23465		Page 2 of	3
QC Batch Numb	ber: ICP-21261				
Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-9230	1				
	Lead	Lab Fort Blk. Found	143.84	mg/kg dry wt	
		Lab Fort Blk. % Rec.	105.76	%	82-118
		Dup Lab Fort Bl Amt.	136.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	150.91	mg/kg dry wt	
		Dup Lab Fort BI %Rec	110.96	%	82-118
		Lab Fort Blank Range	5.19	units	
		Lab Fort Bl. Av. Rec	108.36	%	
		LFB Duplicate RPD	4.79	%	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: 3/3/2009 Lims Bat #: LIMT-23465 Page 3 of 3

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	ADEP MCP ANAL	YTICAL METHOD RE	PORT CERTIF	ICATION FOR	RM 	
Labor	atory Name: CC	N-TEST Analytica	al Laboratory		Project #: L	_1m7	-23465
Proje	ct Location: C_1	TY OF NEW	BEDFORD		MADEP RT	'N1:	
This F	orm provides ce		following data set: [li 9 - 09805335		Sample ID N	lumb	er(s)]
Samp	ole Matrices:	Groundwater S	Soil/Sediment 🛮 Dri	nking Water	Other:		
MCI	P SW-846	8260B ()	8151A ()	8330 ()	6010B (X	7470A/1A ()
Met	hods Used	8270C ()	8081A()	VPH()	6020 ()	9014M ² ()
	ecified in MADEP	8082 ()	8021B ()	EPH()	7000 S³ ()	7196A()
Analyt	endium of ical Methods. call that apply)	2 M - SW-846 Met	cking Number (RTN), i thod 9014 or MADEP I hods 7000 Series Lis	Physiologically .	Available Cya hod and anal	anide (yte.	(PAC) Method
An a			s A, B, C and D is r			e Cei	tainty" status
Α	Were all samp	les received by th on the Chain-of-Cu	e laboratory in a co ustody documentatio	ondition consist on for the data	stent with set?	XY	es □ No¹
В	included in th	is report followed arrative QC data t	uired for the specific , including the req that did not meet ap	uirement to	note and	X	Yes □ No ¹
C	Control Guidelines for the Acquisition and Reporting of Analytical Data"?						
D			Vas the VPH or EPH see Section 11.3 of				Yes □ No ¹
	A response to	questions E and I	F below is required	for "Presum	ptive Certa	inty"	status
E		tical QC performat nethods achieved?	nce standards and r	ecommendati	ons for		Yes □ No ¹
F	Were results method(s) repo		compounds/elemer	nts for the sp	ecified		Yes ⊠No¹
¹ A ₁	ll Negative respo	onses must be add	lressed in an attache	ed Environmer	ntal Laborato	ory ca	ase narrative.
inqui analy	iry of those routical report is,	esponsible for o to the best of my	pains and penalties obtaining the infor knowledge and be	mation, the	material c	ontai	
Sigr	nature:	vard Dens	ô'L-	Position: To	echnical Dir	recto	r
Prin	ted Name: Ed	ward Denson		Date:3/	3/09		



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

CHAIN OF CUSTODY RECORD

IM-8746

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

	- Minic Acid	1 22	•••					ので変え	2	1	
	N - Nitrio Acid	A				RUSH *		е:	Date/Time:	ATC)	Relinquished by: (signature)
1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	ianol .	DW= drinking water	N D N	Data Enhancement Project/RCP? \ Y	Data Enhanc	Other A	<u>d</u>	? 1600	2-22-0		アントングン
Na thiosulfate		WW= wastewater		,		10-Day	0		Date/Ťim		Received by: (signature)
X = Na hydroxide	l = lced X:	GW= groundwater	1	WCB 2-11	Regulations?	7-Day		7 1600	16 VIII		The state of
des:	**Preservation Codes:	*Matrix Code:	nents	n Limit Requirements	Detection	Turnaround **	Turna	, e	Date/Time		Relipquished by (signature)
	'n	C - Clean; U - Unknown	um; L Low;	H - High; W - Nedium; L - Low;						A	CH.
		in concentration in Matrix/Conc. Code Box:	ation in Matı	be high in concent							
TV State	з specific sample ma	use the following codes to let Con-Test know if a specific sample may	owing codes	Please use the foll							Laboratory Comments:
			X	XXX	U	11148	2/23/24	4	1053%	Post-3X (48-54)	105 t = 3
			×	< ×		1140			142.50	(5n-2h) X	Pat-SX
			X			1138	and the same of th		MESO	(2h-2) X	Post-3X
			×	<u> </u>		1136	appealanterist//P	W	£4850	X (30-36)	Post-3X
			×			1134	TE BOOK SCHOOL SHEET		12550	X (74-30)	Post-3X
	Jaga Smil		X		The same of the sa	1.32	e-Cut-Miller training an	7	16650 (11 mz	X (18-24) (845)	Post -3X
			X		- Amountain V	1130	tohuwere'	6	062.59	X (12-18)	184-3X
Client Comments:			X	N N	R	325	7/123/29	-0	9239	3× (6-12)	85+-3X
			Te	*Matrix Conc. Code Code	Comp- osite Grab	Step e Bate/Time	Start- Date/Firme	3	Lab #	escription	Field ID Sample Description
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<u>~Cont. Code;</u>		ANALYSIS REQUESTED				0#	Client PO#	24	310 4	Lawell M	
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# of containers							-	itestians, con	44 AA AA AA COLLE	and the state of t	



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CHAIN OF CUSTODY RECORD

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

SL = sludge B = Sodium bisulfate		T Require lab approva	0 /	Received by: (signature)
A = air S = soil/solid	Special Requirements or DL's: Se のよせ	RUSH * /	Date/Time:	Heunguisned by: (argnature)
WW= wastewater DW= drinking water	Data Enhancement Project/RCP? XY DN	Other de	Date/Time:	Heceyyou by, kiggranue)
GW= groundwater	17	7-Day	7/31/19 /600	
*Matrix Code:	Detection Limit Requirements	Turnaround **		Relinquished by: (signature),
C Chan	Hartich: Marking: I allow: Carone Box:			
to let Con-Te	-54**************		,	Laboratory Comments:
	G S W X X	alzs/mg 1355	10×0537	WFC-25 (1-3) (Pushi
	W W X X	W 1359	* 0537	WFC-20 (0-1)
	× ×	1330	*	WFC-2F (+3) (HOLD)
	× ×	1375	*	WFC-2F (0-1) (HOLD)
	× ×	1325	* 05330	WFC-78 (1-3)
	✓	1.375	* 953.4	WFC-28 (0-1)
	×	1152	84850	Post. 3x (60.66)
	XXXX	2/13/04 1150	05397	Post-3X (54-60)
	Comp- osite Grab Code Code Code	Start Stop Date/Lime Date/Time	Lab # 098	Field ID Sample Description
	tal	Date Sampled	Myes □no	Nyes 2007 proposal date
		O OTHER	State Form Required?	Proposal Provided? (For Billing purposes)
	OPDF XGISKEY A	Email: Ascellus	W. 775	Sampled By: J. Sambas / H
	{ [(weish)	Project Location: City of MIS
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			01834	Lowell MA
		# //	7	630 30
	770	Project #	~ ¿	
	657 3585 7 7	Telephone:# 78) んぷ … 33%	The state of the s	Company Name:
		-	www.contestlabs.com	
EASI LONGMEADOW, MA 01028	S 7754 S	the state of the s	Fmail: info@contestlat	ALLA VIIVAL I ADDRATORY

INCORRECT, 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



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CHAIN OF CUSTODY RECORD 234EE-144.7

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

> > Page 7 of 7

	Received by (signature) Date	Wy West	Relinguished by: (signature) Date	1 Brithers J.	Received by Jeignature) Date	12 (117)	Relinquished by (signature) Date			Laboratory Comments:	WFC-ZH (1-3) (HOLD) *	WFC-2H (0-1) (400)*	WFC-2I (1-3) *	WFC-2D (1-3) *	WFC-20 (0-1) *	WFC-26 (1-3) (HOLD)*	WFC-28 (0-1) (HOW)*	Field ID Sample Description Lab #	yes 2007 proposal date	Proposal Provided? (For Billing purposes) State	Sampled by J. Samples / ft. R	The state of the s	Project Location: The down N. T.	Attention: Sollvan	10 YW 112mo7	Address: 650 Suttalk Sa	y Name: 1/2C	ı
101/00		13.7 1300	Date/Time:	1600	Date/Time:	13001 1600	٥	Personner or property and a second se		7-7-7-7			OS 335	7825	05333		Attack and	#	X yes ☐ no	State Form Required?	K Turk	, ,			15810	The same of the sa		*.00:100:00:00:00:00:00:00:00:00:00:00:00:
* Bequire lab approval	☐ *72-Hr ☐ *4-Day	□ *24-Hr □ *48-Hr	RU		☐ †0-Day	☐ 7-Day	Turnaround **	**************************************		Targetter Annual Control of the Cont	2/23/04 /5/0	1 1505	15.17		1440	12/20	7/13/2 1415	Starr Step Date/Lime Date/Time	Date Sampled	O OTHER	Format MEXCEL		Fax # :		Client PO #		Telephone:(4 18) 636	
<u>w</u>		Special Requirements		Data Enhancement Project/RCP? △V		Regulations?	Detection Lir	enter	be	Ple	7	4				pancina a 7	9	Comp- osite Grab		7	OF/CX/		DWEBSITE CLIENT	check one):	- interpretation	1505 Y	38-3565	
		ents or DL's: 🗽	100	nt Project/RCP? j		VCD 2-1/2	Limit Requirements	H - High; M - Medium; L - Low;	high in concentra	Please use the follo	2 ×	< <	X	×	×		X X	x Conc. Code	لمالية المالية		A A						-	
		9		N D A		15-2			tion in Matri	wing codes t		<	×	X	×	×	×	70	A a	<u>R</u>	A:	. <i>L</i> s	مرے	The state of the s		7	E. L.	Ī
O = other	SL = sludge	S = soil/solid	A = air	DW = drinking water	WW= wastewater	GW= groundwater	*Matrix Code:	C - Clean; U - Unknown	be high in concentration in Matrix/Conc. Code Box:	use the following codes to let Con-Test know if a specific sample may															ANALYSIS REQUESTED			
o = Other	B = Sodium bisulfate	S = Sulfuric Acid	N = Nitric Acid	anol	HCL HCL	I = lced	**Preservation Codes:	Wn		f a specific sample r	(4184)	(Hero)				(HOCD)	(4,40)						÷ &	39				
	lfate				T = Na thiosulfate	X = Na hydroxide	odes:		enements of a section	nay			The state of the s	Transie William Control	3 4 55 m 2 m 2 m 2 m 2 m 2 m 2 m 2 m 2 m 2	メージン	Comments		O=Other	T=tedlar bag	V= vial S=summa can	O Toolering		G=glass	-Cont. Code:	~Cont.Code	**Preservation	# or containers



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CHAIN OF CUSTODY RECORD

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

Page of

N YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS	IS FORM IS NOT FILLE	CHAIN. IF THI	RE ARE QUESTIONS ON YOUR	RECEIPT UNLESS THER	ABTUNITU ALL OUTCE	INCORRECT THRUAROHNO TIME WILL NOT START HATH ALL CHICATONS IN THE DESTROYS OF	INCORRECT
o = Other	0 = other			* Require lab approval	01001	IND THE STATE OF A STA	** TIJONADOI
B = Sodium bisulfate	SL = sludge		**************************************	☐ *72-Hr ☐ *4-Day	Bate/Time: 0 1900	(Signature)	necejyed by: (signature)
S = Sulfuric Acid	S = soil/solid	or DL's: See Quite	Special Requirements or DL's:	· · · · · ·	2011 X156-13		777
N = Nitric Acid	A = air	`		(\BUSH *)		Relinquished by: (stanature)	Relinguished I
M = Methanol	DW = drinking water	γ V U N	Data Enhancement Project/RCP? ☑ Y □ N	Other College	2.33-3 1600	A S	Wirth
	WW- westernator				Date/Time:	(signal me)	Received by:
I leed X Na hudrovida	GW= groundwater	10-7	575		2/23/09 /600	A John J. Starten	
	*Matrix Code	9	Detection Limit Requirements	Turnaround **	Date/Ţime:	by (signature)	Relinquished by (signature
	C - Clean; U - Unknown		H - High; M - Medium; L - Low;			AND THE PROPERTY AND TH	CH
попольнува	be high in concentration in Matrix/Conc. Code Box:	itration in Matri	be high in concer				
specific sample may	use the following codes to let Con-Test know if a specific sample may	llowing codes t	Please use the fo			oninents:	Laboratory Comments:
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				30%	THE RESIDENCE OF THE PROPERTY	Post-34 (24-30)	~
		^_ ×		0904		Post-34 (18-24)	acontent.
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<u>Client</u> Comment		×	6 3 W	5/23/m 0900		Post-34 (6-12)	Surge,
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G=glass			(check one):	DELIVERY (c		The Selling	Attention:
	ANALYSIS REQUESTED			Client PO #	45510	Lowell MA	-
~Cont.Code		1, o	358-	Project # //SoS	7	650 S.A.IK	Address: -
**Preservatio			8-3565	Telephone:(978) 656 -356		ame: 7RC	Company Name:
# of containe					www.contestlabs.com	(promuses	

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



CHAIN OF CUSTODY RECORD

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

Company Mama	ww.comeshaps.com	1			~			# of containers
y Marrie 7//CC		Telephone: (973) 656	7.3565		H			**Preservation
Aduless 650 Sitalk Sa		Project # //SoSS	Same	4	5			~Cont.Code
10 AM Homel	1854	Client PO #				ANALYSIS REQUESTED	ESTED	-Cont. Code:
Attention: Thousand Sullivan		DATA DELIVERY (check one):	ck one):					A=amber glass
Project Location: City of MB (Walsh	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	OFAX XEMAIL ON	DWEBSITE CLIENT		nic D			P=plastic
Sampled By: T. Saunder H. R. 779	74	As Moranza 1	rsoltions. com		. C. o.	Makedona		V≡ vial
		EXCEL	O PDF RGIS KEY					S=summa can
Proposal Provided? (For Billing purposes) Si	State Form Required?	OTHER	1111		Q			T ⊨tedlar bac
yes Z227 proposal date	Ø yes ☐ no	Date Sampled	A PARTIE A P	ton	- , غير ا			O =Other
Field ID Sample Description	Lab#	Start Stop C Date/Time Date/Time	Comp- *Matrix cosite Grab Code	Conc.	Ts			
Post-34 (54-60)	A CALL THE STATE OF THE STATE O	7/23/09 0926	2	<u>ک</u>	<u> </u>			Client Comments:
805t-34 (60-66)	WAYTH GARLELL L. L	32,50	->	<u> </u>	<u>×</u> ;			The state of the s
Post - 3V (6-12)	Abdress and a second se	8448	and an analysis of the second	\overline{X}	×,			
Post- 3V (12-18) (ms/msp)	THE PROPERTY OF THE PROPERTY O	9450	THE COURSE PARTIES AND ADDRESS OF THE COURSE	×	×		Shis MS h	(her)
Post 3V (18-24)	The state of the s	25.50		<u> </u>	X			
Post-3V (24-30)	The state of the s	1280		X	\times			
Post-3V (30-36)		9550 M	2	<	\times			
Post-3V (36:42)		8560 4/62/2	2	X	×			
Laboratory Comments:			Please u be high i	ise the follor n concentra	ving codes tion in Matr	Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:	specific sample i	may
OH.		and the state of t	H - High	H - High; M - Medium; L - Low;		C - Clean; U - Unknown		i de la constanta de la consta
Reiniquished by: (signature)	Date/Time: 2/23/09 //n0	naround **		Requirements	ents	*Matrix Code:	**Preservation Codes:	Codes:
Received by: (signature)		10-Day	regulations (MC)	5-1/5-	1	GW= groundwater	= lced	X = Na hydroxide
	1-33-3 /60		Data Enhancement Proj	oject/RCP? X ∨ □ N	ďγ □N	DW = drinking water	M = Methanol	= Na mosultate
Reinduisned by: (signature)	Date/Time: プ, ソヤ、マ //200	*			· ·	A = air	N = Nitric Acid	
Received by: (signature)	Date/Timp: 0 1000	O *72-Hr O *4-Day	opecial nequilellisto	OIDES: >2 YVETA	E WISTE	SL = siudge	S = Sulfuric Acid B = Sodium bisulfate	fate
** TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT IIN; FSS THERE ARE OUTSTICKE ON YOUR STARTS	AY AFTER SAMPLE	* Require lab approval	ADE OHECTIONS OF			O = other	O = Other	THE PROPERTY OF THE PROPERTY O
CHARACOOK THE CINES AT 5.00 Mint FEE D	AY AT IER URINTEE?	FIGURE ONLESS THERE	ARE QUESTIONS OF	こくのこうつ		THIS EDDM IS NOT EIL E		

INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT. AIN. IF IT IS FURM IS NOT FILLED OUT COMPLETELY OR IS



Email: info@contestlabs.com

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

CHAIN OF CUSTODY RECORD

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

Page J of

D OUT COMPLETELY OR IS	IS FORM IS NOT FILLE	AIN. IF TH	E ARE QUESTIONS ON YOUR CH	RECEIPT UNLESS THER	HE DAY AFTER SAMPLE	NOOBBECT THEN ADDING 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
O = Other	O = other			* Require lab approval	4016416	Control of the contro
B = Sodium bisulfate	SL = sludge			□ *72-Hr □ *4-Day	Dale/Time: 1900	Heceived by: (signature)
S = Sulfuric Acid	S = soil/solid	Crot	Special Requirements or DL's: 5 _ Cut	□ *24-Hr □ *48-Hr	075.3 1500	
N = Nitric Acid	A = air	-		^ RUSH * /	•	Relinguished by: (signature)
ranol	DW= drinking water	Ž Y O N	Data Enhancement Project/RCP? 💢 Y	Other	1600	J. J. J. W. J.
H = HCL T = Na thiosulfate	WW= wastewater			10-Day	Date/Time/	Received by: (signature)
I = Iced X = Na hydroxide	GW= groundwater	,	Regulations? MCC 5-1/5-2	☐ 7-Day	2/23/04 /600	
**Preservation Codes:	*Matrix Code:	sink	Detection Limit Requirements	Turnaround **	e/Time:	Relinquished by: (signature)
	C - Clean; U - Unknown	n; L - Low;	H - High; M - Medium; L - Low;	and the second s		CH.
	in concentration in Matrix/Conc. Code Box:	tion in Matr	be high in concentra			à sa
specific sample may	Please use the following codes to let Con-Test know if a specific sample may	ving codes	Please use the follow	(_aboratory Comments:
7,44 \$		\times	XXX	tes/09 04+ (E)		Post-3W (12-18)
- Andreas - Constant		×	& X	(2) H50 A		Post-34 (6-12)
		×	×	South	The same of the sa	Post-3W (0-6)
		×	×	0940		Post-43 (47-48)
andress a server		×	×	1018		Post-3V (60-66)
Deposit Service		×	X	1016		Post-3V (54-60)
		×	<u></u>	1014		Post-3V (48-54)
Comments:		X	F V X X	2/13/09 1000		Post-3V (42-48)
		Tot	Comp- osite Grab Code Code	Start- Stop- (Date/Time	Lab#	Field ID Sample Description
0 =Other		<u> 20</u>	a Q.	Date Sampled	XV yes I no	X yes Zoz proposal date
T=tedlar bag		A		OTHER	State Form Required?	Proposal Provided? (For Billing purposes)
S=summa can		re	XI GIS KEY	EXCEL .	**************************************	
V= VIP			the saleti sons com	Rullivano	N. 776	Sampled By: J. Samplers / H
P=plastic ST=sterije		100	OWEBSITE CLIEN!	Fax#:	Walsh)	Project Location: Lity UNB. (
G=glass		Q		DELIVERY (c		Attention: Tand Sullivan
	ANALYSIS REQUESTED			Client PO #	01854	Lowell MA
~Cont.Code		1	Server &	Project # 1/503	And the second section of the second section of the second second section of the second secon	address: 650 Suffilk S
**Preservation		H	CX -3865 I	Telephone:(978)	The state of the s	company Name: $\int \mathcal{R} ($
# of containers		_			www.contestlabs.com	

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



CHAIN OF CUSTODY RECORD

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

Company Name: - TRC	www.contestlabs.com	Telephone: (4 H)	X - X 5/ C_	1	4			# of containers
Address: 650 S.A.IK S	and the second	Project # //:	25.05	7				-Cont.Code
Lowell MA	01854	Client PO #		<u> </u>		ANALYSIS REQUESTED	STED	-Cont. Code:
Attention: David Sillivan		DATA DELIVERY (check one):	check one):	<u>ا</u> ح,	2			A =amber glass G =glass
Project Location:	1/2/54)	Fax #: XEMAIL	OWEBSITE CLIENT	 Šen	50n			P=plastic
Sampled By: Samples / H	Ritta	Email: Mellivane	tresolution	Ar	L			V= vial
Proposal Provided? (For Billing purposes)	State Form Required?		8 000		Q			S=summa can
12 yes 2001 proposal date	X yes □ no	Date Sa			- - - -			• = ceulai bay • O≘Other
Field ID Sample Description	Lab #	Start—Stop Date/Time Date/Time	Comp- osite Grab Code Code		丁.			
Post-3W (18-24)	The state of the s	2/23/04 1050	1 5 3 H	X	\times			Client Comments:
Post-3W (24-30)	PLANTED TO THE PLANTE	1052	powered &	X	×	1		
Post-3W (30-36)	And the second s	1054		×	×	000		
(24-7E) MS-+80		1056		×	X			
fost- 3W (42-48)		1058		×	\times		***************************************	
Post-3W (48-54)		1110		\times	\times			
Post-44 (42-48)		SIII A		×	<			
Post -3x (0-6)		2/23/09 1126	N 5 7	\times	\times			Year III
Laboratory Comments:			Please use be high in co	the follow	ving code tion in M a	use the following codes to let Con-Test know if a specific sample may in concentration in Matrix/Conc. Code Box:	specific sample ma	V The second sec
Relinquished by: (signature)	Data/Time:	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		- Mediur	n; L - Lov			20010
The state of the s	2123/29 1600	7-Day	Regulations? MLF 5-1/5-2	uireme	ints	*Matrix Code: GW= groundwater	**Preservation Codes: I = lced X = Na	Codes: X = Na hvdroxide
Hodelived by: (arginature)	Date/Time:	Othar J	Tala Enhancement Project/DCD2 X V	DCB3	1	WW= wastewater		T = Na thiosulfate
Relinguished by Jegpature	.			· · ·	. [A = air	N = Nitric Acid	
Received by: (signature)		☐ *24-Hr ☐ *48-Hr ☐ *72-Hr ☐ *4-Day	Special Requirements or D	or DL's: See Gute	Cuto	S = soil/solid	S = Sulfuric Acid	Ď
** TURNAROUND TIME STARTS AT 0-00 A M. THE DAY ASTED SAME TO DESCRIPTION OF THE DAY ASTED SAME TO THE DAY ASTE	AH MAN INCO	* Require lab approval	8			Ц	0 = Other	
CONTROL OF THE STANTS AT 9:00 A.M. IF	TE DAY AFTER SAMPLE	RECEIPT UNLESS THE	THE ART CHECKIONS ON Y	֝֝֟֝֝֝֝֞֝֝֝֟֝֝֝֝֟֝֝֝֞֝֝֝֞֝֝֞֝֝֞֝֝֝֝ ֪֓֞֡֞֞	71 JKI	1		

INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT. LE RECEIP I UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS

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Do all samples have the proper pH: Yes



Sample Receipt Checklist

39 Spruce St.
East Longmeadow, MA.
01028

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

OFICIAL IAWINE TA		The state of the s	
1) Was the chain(s) of custody re	linquished and signed?	Yes No	
2) Does the chain agree with the samples? If not, explain: Yes No			
3) Are all the samples in good condition? Yes No If not, explain:			
4) How were the samples receive	ed:		
On Ice Direct from Sa	r	pient 🗌 In Cooler(s) 🗔	· · ·
Were the samples received in Te	mperature Compliance o	f (2-6°C)? Yes No	
Temperature °C by Temp blank Femperature °C by Temp gun			
5) Are there Dissolved samples for the lab to filter?			
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? Wes No			
Who was notified	Date	Time	
8) Location where samples are s	tored: /O	Permission to subcontra	ct samples? Yes No
		(Walk-in clients only) if n	ot already approved
		Client Signature:	
Containers sent in to Con-Test			
	# of containers		# of containers
1 Liter Amber		8 oz clear jar	14
500 mL Amber	•	4 oz clear jar	H44
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	
Laboratori Commontori			
Laboratory Comments:			•
40 mL vials: # HCl	# Methanol		
# Bisulfate	# DI Water	Time and Date Frozen:	No.
# Thiosulfate	Unpreserved		

N/A