

REPORT DATE 3/2/2009

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

CONTRACT NUMBER: PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23461 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-3V (42-48)	09B05275	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3V (42-48)	09B05275	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3V (42-48)	09B05275	SOIL	Not Specified	solids (percent)	
POST-3V (48-54)	09B05276	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3V (48-54)	09B05276	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3V (48-54)	09B05276	SOIL	Not Specified	solids (percent)	
POST-3V (54-60)	09B05277	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3V (54-60)	09B05277	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3V (54-60)	09B05277	SOIL	Not Specified	solids (percent)	
POST-3V (60-66)	09B05278	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3V (60-66)	09B05278	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3V (60-66)	09B05278	SOIL	Not Specified	solids (percent)	
POST-3W (0-6)	09B05280	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3W (0-6)	09B05280	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3W (0-6)	09B05280	SOIL	Not Specified	solids (percent)	
POST-3W (18-24)	09B05283	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3W (18-24)	09B05283	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3W (18-24)	09B05283	SOIL	Not Specified	solids (percent)	
POST-3W (24-30)	09B05284	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3W (24-30)	09B05284	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3W (24-30)	09B05284	SOIL	Not Specified	solids (percent)	
POST-3W (30-36)	09B05285	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3W (30-36)	09B05285	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3W (30-36)	09B05285	SOIL	Not Specified	solids (percent)	
POST-3W (36-42)	09B05286	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3W (36-42)	09B05286	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3W (36-42)	09B05286	SOIL	Not Specified	solids (percent)	
POST-3W (42-48)	09B05287	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3W (42-48)	09B05287	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3W (42-48)	09B05287	SOIL	Not Specified	solids (percent)	
POST-3W (48-54)	09B05288	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3W (48-54)	09B05288	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3W (48-54)	09B05288	SOIL	Not Specified	solids (percent)	
POST-3W (6-12)	09B05281	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3W (6-12)	09B05281	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3W (6-12)	09B05281	SOIL	Not Specified	solids (percent)	
POST-3W 12-18)	09B05282	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3W 12-18)	09B05282	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3W 12-18)	09B05282	SOIL	Not Specified	solids (percent)	



REPORT DATE 3/2/2009

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

CONTRACT NUMBER: PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

					LIMS BAT #:	LIMT-23461
					JOB NUMBER:	115058
POST-3X (0-6)	09B05290	SOIL	Not Specified	as (mg/kg	g)dw icp	
POST-3X (0-6)	09B05290	SOIL	Not Specified	pb (mg/kg	g)dw icp	
POST-3X (0-6)	09B05290	SOIL	Not Specified	solids (pe	ercent)	
POST-43 (42-48)	09B05279	SOIL	Not Specified	as (mg/kg	g)dw icp	
POST-43 (42-48)	09B05279	SOIL	Not Specified	pb (mg/kg	g)dw icp	
POST-43 (42-48)	09B05279	SOIL	Not Specified	solids (pe	ercent)	
POST-44 (42-48)	09B05289	SOIL	Not Specified	as (mg/kg	g)dw icp	
POST-44 (42-48)	09B05289	SOIL	Not Specified	pb (mg/kg	g)dw icp	
POST-44 (42-48)	09B05289	SOIL	Not Specified	solids (pe	ercent)	



REPORT DATE

3/2/2009

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

CONTRACT NUMBER: PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #:

LIMT-23461

JOB NUMBER: 115058

Comments:

LIMS BATCH NO.: LIMT-23461

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, for samples 09B05275-09B05277, the Low Level Calibration Check Standard was outside of control limits for As. Any reported result at or near the detection limit may be biased

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

DETAILED CASE NARRATIVE

METHOD SW846-6010 - ADDITIONAL DETAILS

Sample duplicate performed on sample 09B05287 and a spike was performed on sample 09B05290. Sample duplicate for As not reported due to non detect sample and duplicate result.

For samples 09B05278 - 05290, either the LFB or the LFB duplicate recovery is outside control limits for Lead, but the other is within the limits, Analysis in control.

Blank-130123 and LFBlank-92278 are associated with samples 09B05275 through 09B05277 only.

Only Arsenic and Lead results were requested and reported.

The results of analyses performed are based on samples as submitted to the laboratory and relate only to the items collected and tested.

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations. AIHA accreditations only apply to NIOSH methods and Environmental Lead Analyses.

AIHA 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 Frickson

SIGNATURE

DATE

Assistant Laboratory Director



REPORT DATE 3/2/2009

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

CONTRACT NUMBER: PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23461

JOB NUMBER: 115058

Edward Denson Technical Director Daren Damboragian

Organics Department Supervisor

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



DAVID SULLIVAN

TRC SOLUTIONS - LOWELL 3/2/2009 650 SUFFOLK STREET Page 1 of 13

LOWELL, MA 01852 Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH) LIMS-BAT #: LIMT-23461

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

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

09B05275 \$Sampled: 2/23/2009 Sample ID:

Not Specified

Sample Matrix: SOIL

Units SPEC Limit P/F Results Date Analyst RL Hi

Lo Analyzed

Arsenic mg/kg dry wt 4.93 03/02/09 **KSH** 3.19

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

Sample ID: 09B05276 ‡Sampled: 2/23/2009

Not Specified

SOIL Sample Matrix:

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

03/02/09 3.05 Arsenic mg/kg dry wt 9.11 **KSH**

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

Sample ID: 09B05277 **\$Sampled: 2/23/2009**

Not Specified

Sample Matrix: SOIL

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

03/02/09 Arsenic mg/kg dry wt 6.27 **KSH** 3.04

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

\$Sampled: 2/23/2009 Sample ID: 09B05278

Not Specified

Sample Matrix: SOIL

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

Arsenic mg/kg dry wt 33.1 02/28/09 AMP 3.09

Field Sample #: POST-3W (0-6)

09B05280 ‡Sampled: 2/23/2009 Sample ID:

Not Specified

SOIL Sample Matrix:

Units Results Date RL SPEC Limit P/F Analyst Analyzed Lo Hi Arsenic 30.1 02/28/09 AMP 3.42 mg/kg dry wt

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.

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 3/2/2009 650 SUFFOLK STREET Page 2 of 13

LOWELL, MA 01852 Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH) LIMS-BAT #: LIMT-23461

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

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

09B05283 \$Sampled: 2/23/2009 Sample ID:

Not Specified

Sample Matrix: SOIL

Units RL SPEC Limit P/F Results Date Analyst

Lo Analyzed Hi

Arsenic mg/kg dry wt ND 02/28/09 **AMP** 2.72

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

Sample ID: 09B05284 ‡Sampled: 2/23/2009

Not Specified

SOIL Sample Matrix:

Units Results Date Analyst RL SPEC Limit P/F

Analyzed Lo Hi

Arsenic mg/kg dry wt ND 02/28/09 **AMP** 2.71

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

Sample ID: 09B05285 **\$Sampled: 2/23/2009**

Not Specified

Sample Matrix: SOIL

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

02/28/09 Arsenic mg/kg dry wt 3.27 **AMP** 2.72

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

Sample ID: 09B05286 **\$Sampled: 2/23/2009**

Not Specified

Sample Matrix: SOIL

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

Arsenic mg/kg dry wt ND 02/28/09 AMP 2.77

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

‡Sampled: 2/23/2009 Sample ID: 09B05287

Not Specified

SOIL Sample Matrix:

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

Arsenic ND 02/28/09 AMP 2.74 mg/kg dry wt

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.

NM = Not Measured

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



DAVID SULLIVAN

TRC SOLUTIONS - LOWELL 3/2/2009 650 SUFFOLK STREET Page 3 of 13

LOWELL, MA 01852 Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH) LIMS-BAT #: LIMT-23461

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

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

09B05288 \$Sampled: 2/23/2009 Sample ID:

Not Specified

Sample Matrix: SOIL

Arsenic

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

12.0

AMP

3.10

02/28/09

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

Sample ID: 09B05281 ‡Sampled: 2/23/2009

mg/kg dry wt

Not Specified

SOIL Sample Matrix:

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

Arsenic mg/kg dry wt 100 02/28/09 **AMP** 3.07

Field Sample #: POST-3W 12-18)

Sample ID: 09B05282 **\$Sampled: 2/23/2009**

Not Specified

Sample Matrix: SOIL

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

02/28/09 Arsenic mg/kg dry wt 9.58 **AMP** 2.81

Field Sample #: POST-3X (0-6)

Sample ID: **\$Sampled: 2/23/2009** 09B05290

Not Specified

Sample Matrix: SOIL

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

Arsenic mg/kg dry wt 36.7 02/28/09 AMP 3.33

Field Sample #: POST-43 (42-48)

09B05279 ‡Sampled: 2/23/2009 Sample ID:

Not Specified

SOIL Sample Matrix:

Units Results Date RLSPEC Limit P/F Analyst Analyzed Lo Hi Arsenic 4.17 02/28/09 AMP 2.84 mg/kg dry wt

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.

NM = Not Measured

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



DAVID SULLIVAN

TRC SOLUTIONS - LOWELL 3/2/2009
650 SUFFOLK STREET Page 4 of 13

LOWELL, MA 01852 Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH)

LIMS-BAT #: LIMT-23461

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

Field Sample #: POST-44 (42-48)

Sample ID: 09B05289 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

Units Date RL SPEC Limit P/F Results Analyst Hi Analyzed Lo Arsenic mg/kg dry wt 123 02/28/09 AMP 2.98

Analytical Method: SW846 3050/6010

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

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 3/2/2009
650 SUFFOLK STREET Page 5 of 13

LOWELL, MA 01852 Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH) LIMS-BAT #: LIMT-23461

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

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

Sample ID: 09B05275 ‡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 264 03/02/09 KSH 0.96

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

Sample ID: 09B05276 ‡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 231 03/02/09 KSH 0.92

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

Sample ID: 09B05277 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

Units Results Date RL**SPEC Limit** P/F Analyst Analyzed Lo Hi 03/02/09 Lead mg/kg dry wt 208 **KSH** 0.92

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

Not Specified

Sample Matrix: SOIL

 Units
 Results
 Date Analyst
 RL
 SPEC Limit
 P/ F

 Analyzed
 Lo
 Hi

Lead
mg/kg dry wt
5160
02/28/09
AMP
0.93

Field Sample #: POST-3W (0-6)

Sample ID: 09B05280 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

Units Results Date RL SPEC Limit P/F Analyst Analyzed Lo Hi Lead 576 02/28/09 AMP 1.03 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



DAVID SULLIVAN

TRC SOLUTIONS - LOWELL 3/2/2009
650 SUFFOLK STREET Page 6 of 13

LOWELL, MA 01852 Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH) LIMS-BAT #: LIMT-23461

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

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

Sample ID: 09B05283 ‡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 2.11 02/28/09 AMP 0.82

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

Not Specified

Sample Matrix: SOIL

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

Lead mg/kg dry wt 6.30 02/28/09 AMP 0.82

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

Sample ID: 09B05285 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

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

Analyzed

Lead mg/kg dry wt 456 02/28/09 AMP 0.82

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

Sample ID: 09B05286 ‡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 195 02/28/09 AMP 0.84

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

Sample ID: 09B05287 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

Units Results Date SPEC Limit P/F Analyst RL Analyzed Lo Hi Lead 16.6 02/28/09 AMP 0.83 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



DAVID SULLIVAN

TRC SOLUTIONS - LOWELL 3/2/2009
650 SUFFOLK STREET Page 7 of 13

LOWELL, MA 01852 Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH) LIMS-BAT #: LIMT-23461

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

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

Sample ID: 09B05288 ‡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 422 02/28/09 AMP 0.93

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

Sample ID: 09B05281 ‡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 40.6 02/28/09 AMP 0.92

Field Sample #: POST-3W 12-18)

Sample ID: 09B05282 ‡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 20.5 02/28/09 AMP 0.85

Field Sample #: POST-3X (0-6)

Not Specified

Sample Matrix: SOIL

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

Lead mg/kg dry wt 25.9 02/28/09 AMP 1.00

Field Sample #: POST-43 (42-48)

Sample ID: 09B05279 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

Units Results Date SPEC Limit P/F Analyst RL Analyzed Lo Hi Lead 160 02/28/09 AMP 0.86 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



DAVID SULLIVAN

TRC SOLUTIONS - LOWELL 3/2/2009
650 SUFFOLK STREET Page 8 of 13

LOWELL, MA 01852 Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH) LIMS-BAT #: LIMT-23461

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

Field Sample #: POST-44 (42-48)

Sample ID: 09B05289 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

Units Date SPEC Limit P/F Results Analyst RL Hi Analyzed Lo Lead mg/kg dry wt 638 02/28/09 AMP 0.90

Analytical Method: SW846 3050/6010

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

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



DAVID SULLIVAN

TRC SOLUTIONS - LOWELL 3/2/2009 650 SUFFOLK STREET Page 9 of 13

LOWELL, MA 01852 Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH) LIMS-BAT #: LIMT-23461

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

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

09B05275 \$Sampled: 2/23/2009 Sample ID:

Not Specified

Sample Matrix: SOIL

Units SPEC Limit P/F Results Date Analyst RL

Analyzed Lo Ηi

Solids, total 78.4 03/02/09 FD

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

\$Sampled: 2/23/2009 Sample ID: 09B05276

Not Specified

SOIL Sample Matrix:

Solids, total

Units Results Date RL SPEC Limit P/F Analyst Hi

Analyzed Lo % 03/02/09 FD 82.1

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

Sample ID: 09B05277 **\$Sampled: 2/23/2009**

Not Specified

Sample Matrix: SOIL

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

82.4 03/02/09 Solids, total FD

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

Sample ID: **\$Sampled: 2/23/2009** 09B05278

Not Specified

Sample Matrix: SOIL

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

% Solids, total 81.0 03/02/09 FD

Field Sample #: POST-3W (0-6)

09B05280 ‡Sampled: 2/23/2009 Sample ID:

Not Specified

SOIL Sample Matrix:

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

Solids, total % 73.1 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.

NM = Not Measured

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



DAVID SULLIVAN

TRC SOLUTIONS - LOWELL 3/2/2009
650 SUFFOLK STREET Page 10 of 13

LOWELL, MA 01852 Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH) LIMS-BAT #: LIMT-23461

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

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

Sample ID: 09B05283 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

Units Results Date Analyst RL SPEC Limit P/ F

Analyzed Lo Hi

Solids, total % 92.2 03/02/09 FD

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

Sample ID: 09B05284 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

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

Solids, total % 92.3 03/02/09 FD

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

Sample ID: 09B05285 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

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

Solids, total % 92.0 03/02/09 FD

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

Sample ID: 09B05286 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

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

Solids, total % 90.3 03/02/09 FD

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

Sample ID: 09B05287 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

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

Solids, total % 91.4 03/02/09 FD

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



DAVID SULLIVAN

TRC SOLUTIONS - LOWELL 3/2/2009
650 SUFFOLK STREET Page 11 of 13

LOWELL, MA 01852 Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH) LIMS-BAT #: LIMT-23461

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

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

Sample ID: 09B05288 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

Units Results Date Analyst RL SPEC Limit P/ F

Analyzed Lo Hi

Solids, total % 80.7 03/02/09 FD

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

Sample ID: 09B05281 ‡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 #: POST-3W 12-18)

Sample ID: 09B05282 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

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

Solids, total % 89.2 03/02/09 FD

Field Sample #: POST-3X (0-6)

Not Specified

Sample Matrix: SOIL

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

Solids, total % 75.3 03/02/09 FD

Field Sample #: POST-43 (42-48)

Not Specified

Sample Matrix: SOIL

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

 Solids, total
 %
 88.1
 03/02/09 FD

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

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

NM = Not Measured

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



DAVID SULLIVAN

TRC SOLUTIONS - LOWELL 3/2/2009 650 SUFFOLK STREET Page 12 of 13

Purchase Order No.: LOWELL, MA 01852

Project Location: CITY OF NEW BEDFORD (WALSH) LIMS-BAT #: LIMT-23461 Date Received:

2/23/2009 Job Number: 115058

Field Sample #: POST-44 (42-48)

Sample ID: 09B05289 \$Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

Units Results Date RL SPEC Limit P/F Analyst Analyzed Hi Lo 03/02/09 Solids, total % 84.0 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 3/2/2009
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-23461

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:	3/2/2009	Lims Bat #: LIMT-23461		Page 1 of	3
QC Batch Numb	er: ICP-21254				
Sample Id	Analysis	QC Analysis	Values	Units	Limits
)9B05287					
	Lead	Sample Amount	16.62	mg/kg dry wt	
		Duplicate Value	17.37	mg/kg dry wt	
		Duplicate RPD	4.42	%	0-35
09B05290					
	Arsenic	Sample Amount	36.71	mg/kg dry wt	
		Matrix Spk Amt Added	332.00	mg/kg dry wt	
		MS Amt Measured	351.30	mg/kg dry wt	
		Matrix Spike % Rec.	94.75	%	75-125
	Lead	Sample Amount	25.93	mg/kg dry wt	
		Matrix Spk Amt Added	332.00	mg/kg dry wt	
		MS Amt Measured	319.68	mg/kg dry wt	
		Matrix Spike % Rec.	88.47	%	75-125
BLANK-130093					
	Arsenic	Blank	<2.50	mg/kg dry wt	
	Lead	Blank	<0.75	mg/kg dry wt	
LFBLANK-92233	3				
	Arsenic	Lab Fort Blank Amt.	123.00	mg/kg dry wt	
		Lab Fort Blk. Found	115.05	mg/kg dry wt	
		Lab Fort Blk. % Rec.	93.53	%	80-120
		Dup Lab Fort Bl Amt.	123.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	117.77	mg/kg dry wt	
		Dup Lab Fort BI %Rec	95.74	%	80-120
		Lab Fort Blank Range	2.21	units	
		Lab Fort Bl. Av. Rec	94.64	%	
		LFB Duplicate RPD	2.33	%	0-30
	Lead	Lab Fort Blank Amt.	136.00	mg/kg dry wt	
		Lab Fort Blk. Found	125.55	mg/kg dry wt	
		Lab Fort Blk. % Rec.	92.31	%	82-118
		Dup Lab Fort Bl Amt.	136.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	160.65	mg/kg dry wt	
		Dup Lab Fort BI %Rec	118.12	%	82-118
		Lab Fort Blank Range	25.80	units	
		Lab Fort Bl. Av. Rec	105.22	%	
		LFB Duplicate RPD	24.52	%	0-30



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:	3/2/2009	Lims Bat #: LIMT-23461		Page 2 of	3
QC Batch Num	ber: ICP-21258				
Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-130123	3				
	Arsenic	Blank	<2.50	mg/kg dry wt	
	Lead	Blank	< 0.75	mg/kg dry wt	
LFBLANK-9227	78				
	Arsenic	Lab Fort Blank Amt.	123.00	mg/kg dry wt	
		Lab Fort Blk. Found	129.06	mg/kg dry wt	
		Lab Fort Blk. % Rec.	104.92	%	80-120
		Dup Lab Fort Bl Amt.	123.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	129.47	mg/kg dry wt	
		Dup Lab Fort BI %Rec	105.26	%	80-120
		Lab Fort Blank Range	0.34	units	
		Lab Fort Bl. Av. Rec	105.09	%	
		LFB Duplicate RPD	0.32	%	0-30
	Lead	Lab Fort Blank Amt.	136.00	mg/kg dry wt	
		Lab Fort Blk. Found	155.94	mg/kg dry wt	
		Lab Fort Blk. % Rec.	114.66	%	82-118
		Dup Lab Fort Bl Amt.	136.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	138.93	mg/kg dry wt	
		Dup Lab Fort BI %Rec	102.15	%	82-118
		Lab Fort Blank Range	12.50	units	
		Lab Fort Bl. Av. Rec	108.40	%	
		LFB Duplicate RPD	11.53	%	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: 3/2/2009 Lims Bat #: LIMT-23461 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

	N	IADEP MCP AN	ALYTICAL METHOD F	REPORT CERTIF	FICATION FO	DRM	
Labo	oratory Name: CC	N-TEST Analyti	cal Laboratory		Project #:	LlW	17-23461
Proje	ect Location: ex	ty of New Be	dford (Walsh)		MADEP R	TN ¹ :	
This I	Form provides ce		e following data set:	-	Sample ID	Num	ber(s)]
Sam	ple Matrices: □	Groundwater 🛚	Soil/Sediment 🗆 🗅	Orinking Water	□ Other:		
МС	P SW-846	8260B ()	8151A()	8330 ()	6010B	\bowtie	7470A/1A()
Me	thods Used	8270C ()	8081A ()	VPH()	6020	()	9014M ² ()
	ecified in MADEP	8082 ()	8021B ()	EPH()	7000 S³	()	7196A ()
Analy	endium of tical Methods. k all that apply)	2 M - SW-846 Me	acking Number (RTN) ethod 9014 or MADEF ethods 7000 Series L	Physiologically	•		(PAC) Method
An a	affirmative resp	onse to questior	ns A, B, C and D is	required for "l	Presumptiv	∕e Ce	ertainty" status
Α			he laboratory in a c Sustody documentat			X \	∕es □ No¹
В	included in thi	s report followe arrative QC data	quired for the specit d, including the re that did not meet a	equirement to	note and	K	Yes □ No ¹
С	for "Presumptive (d) of the MAD	ve Certainty", as EP document CA	eport meet all the ar described in Sectio AM VII A, "Quality A sition and Reporting	n 2.0 (a), (b), (.ssurance and (c) and Quality	X	Yes □ No ¹
D			Was the VPH or EPI (see Section 11.3 o			Ĺ	∃Yes □ No ¹
	A response to o	questions E and	F below is require	d for "Presum	ptive Certa	inty'	' status
E	1 -	ical QC performa ethods achieved′	ance standards and?	recommendation	ons for		Yes ∦ No¹
F	Were results f method(s) repo		t compounds/eleme	ents for the sp	ecified		Yes ⊠ No¹
¹ Al	l Negative respo	nses must be add	dressed in an attach	ed Environmen	ital Laborato	ory ca	ase narrative.
inqui	ry of those re	sponsible for	pains and penalties obtaining the info y knowledge and b	rmation, the	material c	onta	
Sign	ature: M	luch		Position: As	ssistant La	borat	tory Director
Prin	ted Name: Mic	hael Erickson		Date: 3/2	log		



Email: info@contestlabs.com

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

CHAIN OF CUSTODY RECORD

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

Page Z of 7

AIHA, NELAC & WBE/DBE Certifi	AIH)	44 44 44 44	į	BY OUR CLIENT	E ANSWERED	QUESTIONS AF	CART UNTIL ALL	INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.	INCORRECT, TURNAL
ON YOUR CHAIN IF THIS FORM IS NOT FILL I ED OUT COMBLETE; YOU IS	S FORM IS NOT EIL I	HAIN F TH		RE ARE QUESTI	RECEIPT UNLESS THERE ARE QUESTIONS	MPLE RECEIP	E DAY AFTER S	TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE	TURNAROUND TIM
B = Sodium bisulfate					☐ *72-Hr ☐ *4-Day	/9 <i>00</i> / 0.72	Date/Time:		Received by: (stgrfature)
N = Nitric Acid S = Sulfuric Acid		d of	ments or DL's: Se	Special Requirements	5 B	1500 0 *24	Date/Time:	Halley)	Relinquished by: (signature)
H = HCL T = Na thiosulfateM = Methanol	WW= wastewater DW= drinking water	X UN	ent Project/RCP? XV	Data Enhancement P		1600	Vale/Time:		To Dy Lyllyndio
I = Iced X = Na hydroxide	GW= groundwater		MCP 2-18-2		7-Day	1600	2/23/07		
	Unknown	8	H - High; M - Medium; L - Low;	Detection	Turneround **	-	Date/Time:	Market Commence	Relinquished by: (signature)
specific sample may	Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:	owing codes t	Please use the foll be high in concent						Laboratory Collinellis.
	THE PROPERTY OF THE PROPERTY O		< K >	8	10958	2/23/09		3V (36-42)	Post-3
		\times		_	6136		PORT OF THE PROPERTY OF THE PR	3V (30-X)	Post
		×			h56c		A CONTRACTOR OF THE CONTRACTOR	V (24-30)	Post-3V
		X			26.60			3V (18-24)	Post-3
(plis MS April)		×			0450			3V (12-18) (MS/MS)	Post
The state of the s		X	×		8448			3V (6-12)	- 459
	6	×	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		51,90	,		34 (60-66)	1954-
Comment		×	X X	8.	2760 6	2/23/00)		34 (54-60)	Pat-
		7	*Matrix Conc. - Code Code	Comp- osite Grab C	Step Date/Time	Date/Lime	Lab #	Sample Description	Field ID Sample D
O =Other		ota ota			Date Sampled	no Dat	Ø yes □r	proposal date	W yes 727
T⊒ledlar han		2			ν,		State Form Required?	Proposal Provided? (For Billing purposes)	² roposal Provided? I
V= vial		Avs Le	GIS KEY	1 PDF X	SEXCEL SECTION	Email: Asc	7.779	Soundary / H. K	sampled by:
ST=sterile		r D	······································	70007		Fax #:	Walsh)	City of NB (u	Project Location:
G=glass			CLENT	111	DELIVERY (c	DATA!	5	CANTITE MAN	Attention:
STED <u>~Cont. Code</u> A=amber gla	ANALYSIS REQUESTED				7	C1G111 0 1	01854	AMON MA	
					, +	Client			
~Cont Code		5	4	5	1# 11505	Project #	J.	50 S.A.IK	Address:
**Preservatio		-4	-\T.	2258-22	Telephone:(478) 656 -356			BR	Company Name:
# of contains		**				os.com	www.contestlabs.com		

AIHA, NELAC & WBE/DBE Certified



CHAIN OF CUSTODY RECORD

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

Page ____ of ___

O = other O = Other O = Other O = Other ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS	IS FORM IS NOT FILLI	CHAIN. IF TH	RE ARE QUESTIONS ON YOUR	ECEIPT UNLESS THEF	HE DAY AFTER SAMPLE RI	"TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS	ÌĽ s
B = Sodium bisulfate	SL = sludge			U */2-Hr O *4-Day	7/3%00 1900	(Supplemental of	$\sqrt{\epsilon}$
S = Sulfuric Acid	S = soil/solid	ce Worte	Special Requirements or DL's: 522 Www.	□ *24-Hr □ *48-Hr	1,00		D .
N = Nitric Acid	A = air			RUSH *	ō >	Relinguished by: (stomatuže)	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
M = Methanol	DW = drinking water	Z(□ N	Data Enhancement Project/RCP? VY DN	Other Other	7.73-8 1600	My Chart	\
	WW wastowater		,		Date/Time:	Received-by: (signature)	Reg
I = Iced X = Na hydroxide	GW= groundwater	7-2		☐ 7-Day	2/23/09/600	The total the to	T
	*Matrix Code:	ments	Detection Limit Requirements	Turnaround **	Date/Ţime:	Relinquished by (signature)	Re
N	C - Clean; U - Unknown	um; Ł - Low;	H - Hìgh; M - Medium; L - Low;		ALAMANA MARKATAN MARK	Contraction of the contraction o	K
en e	be high in concentration in Matrix/Conc. Code Box:	ration in Matr	be high in concent				··········
a specific sample may	Please use the following codes to let Con-Test know if a specific sample may	lowing codes :	Please use the fol			_aboratory Comments:	La.
		\ \ \	1 5 W	112/20 0524		Post-34 (48-54)	-
7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		X		21150	A CONTROL OF THE PROPERTY OF T	Post-34 (42-48)	
		*		3.63	**************************************	(2K-7E) WS-4828	T
		× 1		5060		Post-Su (30-36)	\top
		<u> </u>		20/20		Post-34 (24-30)	
		×		0000		Post-34 (18-24)	T
		X		2002		Post-34 (12-15)	Ī
<u>Client</u> Comments		X	6 2 K V	2/23/00 0909		Post-34 (2-12)	
		To	osite Grab Code Code	Date/Time Date/Time	Lab #	Field ID Sample Description	TI.
0=Other		tal tal		le S	XI yes I no	yes 2004 proposal date	
T=tedlar bag		<u> </u>		O OTHER	State Form Required?	Proposal Provided? (For Billing purposes)	7
S=summa can		<u>Le.</u>	A GIS KEY	M)
		40	to solet and con	Email: Neellings of	2000	Sampled By: T & Line & M	Sa
P=plastic ST_starile		<u>Q</u>			Marsh)	Project Location: Ltg J NB /	Pro
G =glass			TWEBSITE CHENT	DFAX VIEWAIL TWERSITI		200	
A=amber glass						<u> </u>	Att
JESTED -cont. Code:	ANALYSIS REQUESTED		A CONTRACTOR OF THE PROPERTY O	Client PO #	12810	Lowell AA	
~Cont.Code			15058- 6	Project # // Sc	75	Address: 650 Suffelk	Aq
Preservation			X-3565	Telephone:(タ形) <u>6% -3~6</u>	*************************************	Company Name: $\frac{1}{12}$	<u></u>
# of containers			_		www.contestiabs.com)

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

AIHA, NELAC & WBE/DBE Certified



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

Email: info@contestlabs.com

-MJ-33481 CHAIN OF CUSTODY RECORD

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

S ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS	OT FILLED OUT	IS FORM IS NO	HAIN. IF TH	NS ON YOUR C	E ARE QUESTION	NLESS THERI	RECEIPT U	DAY AFTER SAMPLE	"TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTION INCORRECT. TURNAROUND TIME WILL NOT START HATH ALL QUESTIONS ARE ANSWERED BY OUR CLIENT
O = Other	0 = Other	O = other	***************************************		***************************************	* Require lab approval	* Require	3/3/02 1900	A second
a - Sodium bisulfata	ار ا ان ا	S = shidne	L CKNOTA	ienis or ot s. Z	Special requiements of DES: 355 1160 8	□ *72-Hr □ *4-Dav		3 .	Received by: (signature)
N = Nitric Acid	2 N	A = air	t.		Propiel Doggissom	~~~		Date/Time: プンマ・ペーパック	Heimquished by Isignature
lanol		DW= drinking water	N D V	nt Project/RCP? 🕱 Y	Data Enhancement	15 May 1	,	1879 1600	1 VS/Cos
Cl T = Na thiosulfate	water H = HC	WW= wastewater		-	ing garanon of the	<			Received by: (signature)
rvation (P P	*Matrix Code:	nents	it Requi	per	Turnaround **	11	Date/Time: 2133/00 //60	Relinquished by (signature)
STREET, CONTROL OF THE PROPERTY OF THE PROPERT	Unknown	C - Clean; U - Unknown		- High; M - Medium; L - Low;	I				CH
-	Box:	ix/Canc. Code	ration in Mate	be high in concentration in Matrix/Conc. Code Box.	11 De				And the second s
ic sample may	Please use the following codes to let Con-Test know if a specific sample may	to let Con-Test	owing codes	ease use the foll	וק				Laboratory Comments:
			<u>X</u>	<u>ک</u>	9	S. F. C. A.	Treston	975	Post-3W (12-18)
			×	\ \ \	6	375	<	18650	Post-34 (6-12)
			X			and the same		02/20	Post-3W (0-6)
			X	~		0940	mile of the constant	05373	Rost-43 (42-48)
						1018	DODGE SECTION ASSESSMENT	22.630	Post-3V (60-66)
			×		APPRESENTATION OF	1016	ACCORDING TO SERVICE AND SERVI	05777	Post-3V (54-60)
			X	X	Section 4	1014		05776	Pax-3V (48-54)
Comments:			X	\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	9.	Š	2/23/29	20020	Post-3V (42-48)
			To	Code Code	osite Grab Cc	Date/Time	Date/ Lime	Lab # 098	Field ID Sample Description
Q =Other			tred.			ed	Date	X yes ☐ no	₩ yes Zon proposal date
T=tedlar bag			. A		**************************************	OTHER_	?	State Form Required?	Proposal Provided? (For Billing purposes)
S=summa can			(7 <u>5</u>		PDF	EXCEL	No.	3 2 2	
			<u> </u>	On 5 . Com	tespletion	college of	Email:	12 M	Sampled By:
P=plastic ST≂sterile			100		DWEBSITE CLIE	XEMAIL	Fax #:	Walsh	Project Location: Lity of NB, L
G ≕glass			Q				DATA D	***************************************	Attention: Fand Sulvan
ED -Cont. Code: A=amber class	ANALYSIS REQUESTED	ANALYSIS			AAAAA AAAA AAAA AAAA AAAAA AAAAA AAAAA AAAA	O#	Client PO#	1834	Jones With o
~Cont.Code			1		8	1130	Project #	27	Address: 650 Suffolk St
**Preservation					626 -306	16:(4) S	lelephor		y Name: ///
# of containers			-	.32	Common 6.		- -	ss ss ss.colliconamo.co.	A TANAMAN AND THE TANAMAN AND

Fax: 413-525-6405 Phone: 413-525-2332 CHAIN OF CUSTODY RECORD

39 SPRUCE ST. 2ND FLOOR

O = Other	0 = other0					* Require lab approval	* Require I	7/04/1000	Z to		The second second
= Sodium bisulfate	SL = sludge B				**************************************	I *4-Day	☐ *72-Hr ☐ *4-Day	Daye/Tirpe:	20a	Mature)	Received by: (signature)
= Sulfuric Acid	S = soil/solid	or DL's: See Guite		irement	Special Requirements		□ *24-Hr □ *48-Hr	00%/ K-2K	D.	Ka/ C	N. X. W.
N = Nitric Acid						RUSH *	,	u.) Dat	Asignature)/	Relinguished by: (signature)
M = Wethanol	er	P? DLY ON	roject/RC	ment P	Data Enhancement Project/RCP? XY	Other Jag	<u></u>	1375 1600	1		Marke
H = HCL $T = Na thiosulfate$	······································		, NO		, and the same of	10-Day			Dat	(Signature)	Received by:
I = lced $X = Na hydroxide$	GW= groundwater 1 =	5-2	5	MCC	Regulations?	7-Day	<u>'</u>	1600	77	The second second	No.
**Preservation Codes:	*Matrix Code: **1	Requirements		Limit	Detection	Turnaround **	Turnar) Dat	(eignatüre)	Relinquished by: (eignature)
A PARTICULAR DE LA CONTRACTOR DE LA CONT	C - Clean; U - Unknown	h; W - Medium; L - Low;	jh; M - M	H. High				THE THE PROPERTY OF THE PROPER		THE REAL PROPERTY OF THE PROPE	CN
pecific sample may	use the following codes to let Con-Test know it a specific sample may in concentration in Matrix/Conc. Code Box:	entration in Matr	h in conce	be high						ā ē	Laboratory Collinelits
		XX			7	1176	2/23/04	06390		+-3x (0-6)	100
		X	<			SIII	4	953F3	S	(sh-2h) hin-t	2054
		X				EO		8X50		Post-3W (48-54)	E.
		X	- Programme and the second		On Description of the Control of the	tosses		05.867		fast- 3W (42-48)	O. C.
		×	EST EST AND	and the second second		12/2/2	SWVM-investorman	3877.0		Post-3W (31-42)	
		×	Times, and the same of the sam	The state of the s	COLUMN TO THE PARTY OF THE PART	1054	and the state of t	0.27.62.0	©	Post-3W (30-36)	
		×	ART PARTY. PA		- Armen P	1052		NSFZO	0	Post-3W (24-30)	2
Comment		X	2	\ <u>\</u>	4.	1050	2/23/24	05.983		Post-3W (18-24)	25
		7	Conc.	*Matrix Code	Comp- osite Grab	Step Date/Time	Start Date/Time	Lab # 0918	La	Sample Description	Field ID San
O=Other		oto				Date Sampled	Date S	⊠ yes □ no	M	2004 proposal date	Dayes Z
T=tedlar bag		<u>l</u>			***************************************	OTHER_		State Form Required?		Proposal Provided? (For Billing purposes)	Proposal Prov
S=summa ca		<i></i>	XEY	A GIS KEY	□ PDF	P	Format: 🔀	14.736	The Wa) - > a v m g > 5 /	
		<u> </u>	Š		1		Email:	5 -) · · · · · · · · · · · · · · · · · ·			Sampled By:
P=plastic ST-ctarib		50M		CLIENT	OWEBSITE	MEMAIL O	□FAX Fax#:/				Project Location:
G=glass		15 0			eck one):	DATA DELIVERY (check one):	DATA DE		7	Thuid Sallivar	Attention:
	ANALYSIS REQUESTED		ļ		Ī	#	Client PO#	1854		Lowell MA	ini.
~Cont.Code		Co.			55	115056	Project #		Ź	1125 OSA	Address:
**Preservation		7		N	122	Telephone:(小杉) 公文	Telephone			18: <i>MC</i>	Company Name:
# of container		1	·	***	, , ,			www.contestlabs.com		\	400 (000 (000 (000 (000 (000 (000 (000
477				delegan z _i u	シンン	S	bs.com	Email: info@contestlabs.com	•	ANALYTICAL LABORATORY	



Email: info@contestlabs.com www.contestlabs.com

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

CHAIN OF CUSTODY RECORD

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

Page \int of $\frac{1}{7}$

COBBECT TIBRIADOING TWIT WILL NOT COMPLETELY OR IS	STIONS ON YOUR CHAIN. IF THIS	ECEIPT UNLESS THERE ARE QUE	THE DAY AFTER SAMPLE H	NOOBBECT THEN MEDICAL THAT WILL NOT
O = otherO = Other		* Require lab approval	OISTIGY	TOWN THE COURSE OF STREET
SL = sludge B = Sodium bisulfate		0 *72-Hr 0 *4-Day	Lyate/Impe: 1909	necelyed by Isignature)
S = soil/solid S = Sulfuric Acid	or DL's: XX GVCE	□ *24-Hr □ *48-Hr Special Requirements	(,,,,	Popular For City
A = air N = Nitric Acid	.,	_		incurred by Algranais
inking water	oject/RCP? XX Y ON	Uther Data Enhancement Pi		Relinquished by: (signature)
WW= wastewater H = HCL T = Na thiosulfate		10-Day	Date/1 ime: / 人のひ	necelyed of Asian Mary
GW = groundwater	WCB 2-1/2-5		2007/01/1600	
*Matrix Code: **Preservation Codes:	Limit Requirements	naround **	で で 三 三	Reinduished by tsignature
C - Clean; U - Unknown	H - High; M - Medium; L - Low;	-		CH " " " " " " " " " " " " " " " " " " "
x/Conc. Code Box:	be high in concentration in Matrix/Conc. Code Box.			
use the following codes to let Con-Test know if a specific sample may	Please use the following codes to			Laboratory Comments:
	XX n S	2/12/cm 1148 C		Post-3x (48-54)
	< × ×	N chi'		Post-3X (47-45)
	× ×	351		Rest-3X (2-47)
	×	1136		Post-3X (30-36)
	× ×	1134		Post-3X (74-30)
(Phis / Root.)	X	1132	MS (Pupli)	Post -3X (18-24) (0%
	× ×	1130		Post-3X (12-18)
<u>Client</u> Comments:	N N N N N	2/13/24 1128 E		fost-3x (6-12)
	*Matrix Conc. Code Code	Start Step Comp- Date/Time Date/Time osite Grab	Lab#	Field ID Sample Description
O =Other	tas	ite S	☐ yes ☐ no	yes proposal date
T=tedlar bag	2	OOTHER	State Form Required?	Proposal Provided? (For Billing purposes)
V= vial S=summa:can	AGIS KEY A LO	Format: ASEMILYOND TICSELT.	H K. 775	sampled by: Sunkist
ST=sterile	ian ad		(Walsh)	Project Location: City AK
P=plastic		DFAX DEMAIL DWEBSITE CLIENT		
A=amber glass		DATA DELIVERY (check one):	1,0 44	Attention: David Sil
ANALYSIS REQUESTEDCont_Code:	The state of the s	Client PO #	4 01854	W Word
~Cont. Code	be from	Project # 1/5035	15 ×	Address: 650 Seffer
**Preservation	Control of the Contro	Telephone:(何差) (元 - 35%	The state of the s	Company Name: 7/2
# of containers	, eq q		www.contestlabs.com	

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

AIHA, NELAC & WBE/DBE Certified



www.contestlabs.com Email: info@contestlabs.com

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

CHAIN OF CUSTODY RECORD

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

0 = Other	O = other			-	nequire lab approval	Linhau	7		אסדפ אד סיטט און דיינ	TIRNAROHNO TIME STARTS AT 6:00	TIRNA
o = Socium disultate	i oiduga					*	000	ダーやなか	manufacturity of a mary	Section of the sectio	1
000000000000000000000000000000000000000	O cludes			-	П *72-Hr П *4-Dav		,	Date/Time:	500	Received by (signature)	Received
S = Suffuric Acid	S = soil/solid	or DL's: Xx Bit	ements or DL's:	Special Requirements	□ *24-Hr □ *48-Hr		1800	d-25-8		Ka X	1
N = Nitric Acid	A = air				RUSH *	1977		Date/Time:		Remiquisited by Leighaure	Temiquisii
M = Methanol	DW= drinking water	Oject/RCP? XY IN	ment Project/RC	Data Enhancement Pi	Other de	_¤	1000	(1017)			Dalla V
H = HCL T = Na thiosulfate	WW= wastewater				10-Day	í, 🗆		Date/fime:		necessed by signature	Lecenser 1
I = lced $X = Na hydroxide$	GW= groundwater	1/5-2	MCP 5-	Regulations?	7-Day	<u>i</u>		1316916		John John John John John John John John	
**Preservation Codes:	*Matrix Code:	Requirements	Limit Requir	Detection	urnaround **		GOX	Date/lime:	demonstrate of the second	Leminoral Advantage Line Line Line Line Line Line Line Lin	Veinidol M
	C - Clean; U - Unknown	Low;	H - High; M - M				***************************************			od bur (cienchius)	Dollinguijah
											WW.
a specific sample may	be high in concentration in Matrix/Conc. Code Box:	entration in Matr	be high in conc								
A C. S. C. S	The state of the s	market and a second sec	Discontinuo					*	1	Laboratory Comments:	Laboratory
(47.7 Shu		× ×	٧	7	1355	7/23/cg		<u>~</u>	(-3) (PASTICAL)	WFC-2C	
veg west		<u>×</u>	«	\sim	1359	«		***************************************	(0-1)	WFC-26	
(HOLD) PUT THES		X			1338				(HS) (HOLP)	WFC-2F	
The state of the s								*	`		
(HallD) pending		<u> </u>		-	1375			*	(0-1) (HOLD)	WFC-ZF	
Tup		×			1320		The state of the s	*	(1-3)	WFC-28	
signes for		X			1315			*	0	W+C-25	
* How								.,	- 1-		
		X X			1157				(00.60)	Post - 3X	
<u>Client</u>		X	2	J.	1150	2/23/29			((54-60)	Post-3X	
		To T.	*Matrix Conc. Code Code	Comp- osite Grab	Stop 9 Date/Time	Date/Tume		Lab #	ription	Sample Description	Field ID
O=Other		tal			Date Sampled	Date	no	Nyes [proposal date	4007	≱ yes
T=tedlar bag		<u>l</u> L			O OTHER		Required?	State Form Required?	Proposal Provided? (For Billing purposes)	Provided? (For I	Proposal
S=summa can		A.	AGIS KEY	□ PDF	N EXCEL	Format:	/				
V: Via		/5¢	tions your	no tesch	dealliven	Email:	r.	W1770	samples / H.	9	Sampled By:
ST=sterile		or i			-	Fax # :	3	Cakelsh	4 1013	cation.	Project Location:
Q C Q G G G G G G G G G G G G G G G G G		<u> </u>	CLIENT	3 f I	'	□FAX		•	!	`	
A=amberglass				(check one):	DELIVERY (c	DATAD		5	2 Sullivan	200	Attention:
JESTEDcont. Code:	ANALYSIS REQUESTED	,) # 	Client PO#		01854	JOH MA	600	
-Cont.Code		2		220	115	Project #		25	> ScHOlk	650	Address:
**Preservation		T	S S	656-3565	Telephone:(本学) (Telepho			60	Name.	Company Name.
# of containers		t 1					stlabs.com	www.contestlabs.com	.	Name:	ndedwo

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

AIHA, NELAC & WBE/DBE Certified



Email: info@contestlabs.com

Fax: 413-525-6405

Phone: 413-525-2332

CHAIN OF CUSTODY RECORD

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

Page 7 of 7

Received by: (signature)	JAN J	AU DEUSIEUDUEL	Received by Asia	1 3 m	Delinguished by	- Land and y Commons	aboratory Com	UFC	4	wt	WEC	E	200	173	Field ID San	X yes 2	Proposal Provi	1	Sampled By:	Project Location:	Attention:	1	Address:	Company Name:	:
	grature)	Helinquished by: (sygnature)	Asignature)	(John Marie)	(Civity O + Agino)	HIGHLO.	2014c	C-2H (1-5) (400)	WFZ-ZH (0-1) (NOW)	W+C-21 (1-3)	cc-zD(-3)	WFC-20 (0-1)	WFC-26 (1-3) (HOLD)	WFC-26 (0-1) (HOLD)*	Sample Description	700 T proposal date	Proposal Provided? (For Billing purposes)		T Sacross / F	Ctyd NB 1	Paria Sillivan	Lowell MA	650 S.A.IK	e: TRC	L
010107	Date/Time:	Date/Time:	Date/Time: 1600	3/35/05) /600	Total Times			*.	*	*	*	*	*	*	Lab #	∭ yes ☐ no	State Form Required?		Kith	Walsh)	2	45810	7		www.contestlabs.com
O O O * Require lab approval	☐ *72-Hr ☐ *4-Day	三三	10-Day Others	7-Day	# * * * * * * * * * * * * * * * * * * *			2/13/19 1510	W 1505	12135	1445	37.11	02/71	2/13/29 1415	Start Step Date/Time	Date Sampled	O OTHER		Email: Aselliven	Fax #:	DELIVERY	Client PO #	Project # //Sos	Telephone: (978) 656	
<u> </u>		Special Requirements	Data Enhancement Pr	Regulations? 16	· Desirer	Please be high		5 2	~					l l	Comp- osite Grab Code		· v	A	strate	DWEBSITE CLIENT	(check one):		355	2255-35	
		ints or DL's: Se	t Project/RCP? 🖄 V	mit Heguirements		ase use the following nigh in concentration	A STATE OF THE STA	X X X	< X	×	× ×	×	× ;		x Conc. Code	tall the same	2	·······	i Se	4			00		
O = other	SL = sludge	A = air S = soil/solid		*Matrix Code: GW= groundwater		Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:									10	THE STATES	<u> </u>					ANALYSIS REQUESTED			
0 = Other	B = Sodium bisulfate		H = HCL M = Methanol	I = lced	nown	w if a specific sample m :		(H.LA)	(Hit-D)	-	-			(rle 10)								QUESTED			
	ìtе		T = Na thiosulfate	Zodes: X = Na hydroxide				as reposition	V. J. C.		TCLP andy	Strike volume	* 7.7	<u>Client</u>		O=Other	T=tedlar bag	v= viai S=summa can	v stelle	P=plastic	A=amber glass G=dlass v:	-Cont. Code:	~Cont.Code	**Preservation	# of containers

INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT. IN THE WAS AND AND TOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS AIHA, NELAC & WBE/DBE Certified

www.contestlabs.com



Sample Receipt Checklist

39 Spruce St.
East Longmeadow, MA.
01028
P: 413-525-2332
F: 413-525-6405

CLIENT NAME: TPC_LOW	RECEIVED BY: FC DATE: 1/27/09
1) Was the chain(s) of custody relinquished a	nd signed? Yes No
2) Does the chain agree with the samples? If not, explain:	Yes No
Are all the samples in good condition? If not, explain:	. Yes No
4) How were the samples received:	·
On Ice Direct from Sampling	Ambient In Cooler(s)
Were the samples received in Temperature Co	ompliance of (2-6°C)? Yes No
Temperature °C by Temp blank 2- d	Temperature °C by Temp gun
5) Are there Dissolved samples for the lab to f	
Who was notified Date _	
6) Are there any samples "On Hold"?	Yes No Stored where:
7) Are there any RUSH or SHORT HOLDING TI	ME samples? (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

	# of containers			# of containers
1 Liter Amber			8 oz clear jar	14
500 mL Amber	•		4 oz clear jar	114
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		100	Tubes	
Dissolved Oxygen bottle	1441700		Summa Cans	
Flashpoint bottle			Regulators	
Encore			Other	
		770000		
boratory Comments:				
•				

Bisulfate _____ # DI Water ____ Time and Date Frozen: ____

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

Thiosulfate _____ Unpreserved ____