

REPORT DATE 7/10/2009

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

CONTRACT NUMBER: PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23460 JOB NUMBER: 115058

PROJECT LOCATION: CITY OF NEW BEDFORD-WALAH

FIELD SAMPLE #	LAB ID	MATRIX	SAMPLE DESCRIPTION	TEST	Subcontract Lab (if any) Cert. Nos.
POST-3U (12-18)	09B05260	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3U (12-18)	09B05260	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3U (12-18)	09B05260	SOIL	Not Specified	solids (percent)	
POST-3U (18-24)	09B05261	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3U (18-24)	09B05261	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3U (18-24)	09B05261	SOIL	Not Specified	solids (percent)	
POST-3U (24-30)	09B05262	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3U (24-30)	09B05262	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3U (24-30)	09B05262	SOIL	Not Specified	solids (percent)	
POST-3U (30-36)	09B05263	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3U (30-36)	09B05263	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3U (30-36)	09B05263	SOIL	Not Specified	solids (percent)	
POST-3U (36-42)	09B05264	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3U (36-42)	09B05264	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3U (36-42)	09B05264	SOIL	Not Specified	solids (percent)	
POST-3U (42-48)	09B05265	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3U (42-48)	09B05265	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3U (42-48)	09B05265	SOIL	Not Specified	solids (percent)	
POST-3U (48-54)	09B05266	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3U (48-54)	09B05266	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3U (48-54)	09B05266	SOIL	Not Specified	solids (percent)	
POST-3U (54-60)	09B05267	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3U (54-60)	09B05267	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3U (54-60)	09B05267	SOIL	Not Specified	solids (percent)	
POST-3U (6-12)	09B05259	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3U (6-12)	09B05259	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3U (6-12)	09B05259	SOIL	Not Specified	solids (percent)	
POST-3U (60-66)	09B05268	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3U (60-66)	09B05268	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3U (60-66)	09B05268	SOIL	Not Specified	solids (percent)	
POST-3V (12-18) Q	09B05270	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3V (12-18) Q	09B05270	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3V (12-18) Q	09B05270	SOIL	Not Specified	solids (percent)	
POST-3V (18-24)	09B05271	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3V (18-24)	09B05271	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3V (18-24)	09B05271	SOIL	Not Specified	solids (percent)	
POST-3V (24-30)	09B05272	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3V (24-30)	09B05272	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3V (24-30)	09B05272	SOIL	Not Specified	solids (percent)	



REPORT DATE 7/10/2009

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

CONTRACT NUMBER: PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

				LIMS BAT #: LIMT-23460 JOB NUMBER: 115058
POST-3V (30-36)	09B05273	SOIL	Not Specified	as (mg/kg)dw icp
POST-3V (30-36)	09B05273	SOIL	Not Specified	pb (mg/kg)dw icp
POST-3V (30-36)	09B05273	SOIL	Not Specified	solids (percent)
POST-3V (36-42)	09B05274	SOIL	Not Specified	as (mg/kg)dw icp
POST-3V (36-42)	09B05274	SOIL	Not Specified	pb (mg/kg)dw icp
POST-3V (36-42)	09B05274	SOIL	Not Specified	solids (percent)
POST-3V (6-12)	09B05269	SOIL	Not Specified	as (mg/kg)dw icp
POST-3V (6-12)	09B05269	SOIL	Not Specified	pb (mg/kg)dw icp
POST-3V (6-12)	09B05269	SOIL	Not Specified	solids (percent)



REPORT DATE 7/10/2009

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

CONTRACT NUMBER: PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #:

LIMT-23460

JOB NUMBER: 115058

Comments:

LIMS BATCH NO.: LIMT-23460

REVISED REPORT - 7/10/09 - SAMPLE ID 09B05268 POST-3V SHOULD BE POST-3U

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

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

DETAILED CASE NARRATIVE

METHOD SW846-6010 - ADDITIONAL DETAILS

Sample duplicate and ms performed on sample 09B05270. 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 100033

AIHA ELLAP (LEAD) 100033

NORTH CAROLINA CERT. # 652

MASSACHUSETTS MA0100

NEW HAMPSHIRE NELAP 2516

NEW JERSEY NELAP NJ MA007 (AIR)

CONNECTICUT PH-0567

VERMONT DOH (LEAD) No. LL015036

FLORIDA DOH E871027 (AIR)

NEW YORK ELAP/NELAP 10899

RHODE ISLAND (LIC. No. 112)

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Edward Denson 7/10/09

Tod Kopyscinski

Michael Erickson

Air Laboratory Manager

Assistant Laboratory Director

SIGNATURE

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 7/10/2009 650 SUFFOLK STREET Page 1 of 13

LOWELL, MA 01852 Purchase Order No.:

Project Location: CITY OF NEW BEDFORD-WALAH LIMS-BAT #: LIMT-23460

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

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

09B05260 **\$Sampled: 2/23/2009** Sample ID:

Not Specified

Sample Matrix: SOIL

Units RL SPEC Limit P/F Results Date Analyst

Analyzed Lo Hi

Arsenic mg/kg dry wt 13.8 02/28/09 **AMP** 2.78

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

Sample ID: 09B05261 ‡Sampled: 2/23/2009

Not Specified

SOIL Sample Matrix:

Units Results Date Analyst RL SPEC Limit P/F Analyzed

Lo Hi

Arsenic 2.68 mg/kg dry wt ND 02/28/09 **AMP**

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

Sample ID: 09B05262 **\$Sampled: 2/23/2009**

Not Specified

Sample Matrix: SOIL

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

02/28/09 Arsenic mg/kg dry wt 3.29 **AMP** 2.71

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

09B05263 **\$Sampled: 2/23/2009** Sample ID:

Not Specified

Sample Matrix: SOIL

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

2.85 Arsenic mg/kg dry wt 4.28 02/28/09 AMP

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

09B05264 ‡Sampled: 2/23/2009 Sample ID:

Not Specified

SOIL Sample Matrix:

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

Arsenic 7.11 02/28/09 AMP 2.87 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 7/10/2009
650 SUFFOLK STREET Page 2 of 13

LOWELL, MA 01852 Purchase Order No.:

Project Location: CITY OF NEW BEDFORD-WALAH LIMS-BAT #: LIMT-23460

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

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

Sample ID: 09B05265 ‡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 6.28 02/28/09 AMP 2.92

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

Not Specified

Sample Matrix: SOIL

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

Arsenic mg/kg dry wt 6.30 02/28/09 AMP 2.90

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

Sample ID: 09B05267 ‡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 8.43 02/28/09 AMP 2.92

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

Not Specified

Sample Matrix: SOIL

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

Arsenic mg/kg dry wt 132 02/28/09 AMP 3.04

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

Not Specified

Sample Matrix: SOIL

Units Results Date RL SPEC Limit P/F Analyst Analyzed Lo Hi Arsenic 7.24 02/28/09 AMP 3.44 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 7/10/2009
650 SUFFOLK STREET Page 3 of 13

LOWELL, MA 01852 Purchase Order No.:

Project Location: CITY OF NEW BEDFORD-WALAH LIMS-BAT #: LIMT-23460

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

Field Sample #: POST-3V (12-18) QC

Sample ID: 09B05270 ‡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 26.5 02/28/09 AMP 2.88

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

Not Specified

Sample Matrix: SOIL

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

Arsenic mg/kg dry wt ND 02/28/09 AMP 2.68

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

Sample ID: 09B05272 ‡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 ND 02/28/09 AMP 2.68

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

Sample ID: 09B05273 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

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

 Arsenic
 mg/kg dry wt 3.80
 02/28/09 AMP 2.88

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

Sample ID: 09B05274 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

Units Results Date RL SPEC Limit P/F Analyst Analyzed Lo Hi Arsenic 3.19 02/28/09 AMP 2.79 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 7/10/2009
650 SUFFOLK STREET Page 4 of 13

LOWELL, MA 01852 Purchase Order No.:

Project Location: CITY OF NEW BEDFORD-WALAH LIMS-BAT #: LIMT-23460

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

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

Sample ID: 09B05269 ‡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 129 02/28/09 AMP 3.01

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 7/10/2009 650 SUFFOLK STREET Page 5 of 13

LOWELL, MA 01852 Purchase Order No.:

Project Location: CITY OF NEW BEDFORD-WALAH LIMS-BAT #: LIMT-23460

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

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

09B05260 **\$Sampled: 2/23/2009** Sample ID:

Not Specified

Sample Matrix: SOIL

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

Lead mg/kg dry wt 27.2 02/28/09 **AMP** 0.84

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

Sample ID: 09B05261 ‡Sampled: 2/23/2009

Not Specified

SOIL Sample Matrix:

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

Lead mg/kg dry wt 351 02/28/09 **AMP** 0.81

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

Sample ID: 09B05262 **\$Sampled: 2/23/2009**

Not Specified

Sample Matrix: SOIL

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

02/28/09 Lead mg/kg dry wt 1180 **AMP** 0.82

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

Sample ID: **\$Sampled: 2/23/2009** 09B05263

Not Specified

Sample Matrix: SOIL

Units Results RL SPEC Limit P/F Date Analyst Analyzed Lo 0.86

Lead mg/kg dry wt 119 02/28/09 AMP

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

09B05264 ‡Sampled: 2/23/2009 Sample ID:

Not Specified

SOIL Sample Matrix:

Units Results Date RL SPEC Limit P/F Analyst Analyzed Lo Hi Lead 37.0 02/28/09 AMP 0.87 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 7/10/2009
650 SUFFOLK STREET Page 6 of 13

LOWELL, MA 01852 Purchase Order No.:

Project Location: CITY OF NEW BEDFORD-WALAH LIMS-BAT #: LIMT-23460

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

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

Sample ID: 09B05265 ‡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 33.3 02/28/09 AMP 0.88

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

Not Specified

Sample Matrix: SOIL

Units Results Date Analyst RL SPEC Limit P/ F

Analyzed Lo Hi

Lead mg/kg dry wt 206 02/28/09 AMP 0.87

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

Sample ID: 09B05267 ‡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 179 02/28/09 AMP 0.88

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

Not Specified

Sample Matrix: SOIL

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

Lead mg/kg dry wt 40.1 02/28/09 AMP 0.92

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

Sample ID: 09B05268 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

Units Results Date RL SPEC Limit P/F Analyst Analyzed Lo Hi Lead 81.7 02/28/09 AMP 1.04 mg/kg dry wt

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

ND = Not Detected at or above the Reporting Limit 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 7/10/2009
650 SUFFOLK STREET Page 7 of 13

LOWELL, MA 01852 Purchase Order No.:

Project Location: CITY OF NEW BEDFORD-WALAH LIMS-BAT #: LIMT-23460

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

Field Sample #: POST-3V (12-18) QC

Sample ID: 09B05270 ‡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 23.9 02/28/09 AMP 0.87

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

Sample ID: 09B05271 ‡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 4.73 02/28/09 **AMP** 0.81

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

Sample ID: 09B05272 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

Units Results Date RL**SPEC Limit** P/F Analyst Analyzed Lo Hi 02/28/09 Lead mg/kg dry wt 23.8 **AMP** 0.81

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

Not Specified

Sample Matrix: SOIL

 Units
 Results
 Date Analyst RL
 SPEC Limit P/ F

 Analyzed
 Lo Hi

 Lead
 mg/kg dry wt
 201
 02/28/09 AMP
 0.87

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

Sample ID: 09B05274 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

Units Results Date SPEC Limit P/F Analyst RL Analyzed Lo Hi Lead 45.8 02/28/09 AMP 0.84 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 7/10/2009
650 SUFFOLK STREET Page 8 of 13

LOWELL, MA 01852 Purchase Order No.:

Project Location: CITY OF NEW BEDFORD-WALAH LIMS-BAT #: LIMT-23460

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

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

Sample ID: 09B05269 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

Units Date RL SPEC Limit P/F Results Analyst Hi Analyzed Lo Lead mg/kg dry wt 38.9 02/28/09 AMP 0.91

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 7/10/2009
650 SUFFOLK STREET Page 9 of 13

LOWELL, MA 01852 Purchase Order No.:

Project Location: CITY OF NEW BEDFORD-WALAH LIMS-BAT #: LIMT-23460

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

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

Sample ID: 09B05260 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

Units Results Date Analyst RL SPEC Limit P/ F

Analyzed Lo Hi

Solids, total % 90.0 03/02/09 FD

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

Sample ID: 09B05261 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

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

Solids, total % 93.3 03/02/09 FD

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

Sample ID: 09B05262 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

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

Solids, total % 92.4 03/02/09 FD

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

Sample ID: 09B05263 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

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

Solids, total % 88.0 03/02/09 FD

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

Sample ID: 09B05264 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

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

Solids, total % 87.2 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 7/10/2009 650 SUFFOLK STREET Page 10 of 13

LOWELL, MA 01852 Purchase Order No.:

Project Location: CITY OF NEW BEDFORD-WALAH LIMS-BAT #: LIMT-23460

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

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

09B05265 **\$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 85.9 03/02/09 FD

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

\$Sampled: 2/23/2009 Sample ID: 09B05266

Not Specified

SOIL Sample Matrix:

Units Results Date RL SPEC Limit P/F Analyst Hi

Analyzed Lo

% 03/02/09 FD Solids, total 86.5

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

Sample ID: 09B05267 **\$Sampled: 2/23/2009**

Not Specified

Sample Matrix: SOIL

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

% 85.7 03/02/09 Solids, total FD

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

Sample ID: **\$Sampled: 2/23/2009** 09B05259

Not Specified

Sample Matrix: SOIL

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

% Solids, total 82.4 03/02/09 FD

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

09B05268 ‡Sampled: 2/23/2009 Sample ID:

Not Specified

SOIL Sample Matrix:

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

Solids, total % 72.8 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 7/10/2009
650 SUFFOLK STREET Page 11 of 13

LOWELL, MA 01852 Purchase Order No.:

Project Location: CITY OF NEW BEDFORD-WALAH LIMS-BAT #: LIMT-23460

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

Field Sample #: POST-3V (12-18) QC

Sample ID: 09B05270 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

Units Results Date Analyst RL SPEC Limit P/ F

Analyzed Lo Hi

Solids, total % 86.9 03/02/09 FD

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

Sample ID: 09B05271 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

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

Solids, total % 93.4 03/02/09 FD

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

Sample ID: 09B05272 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

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

Solids, total % 93.5 03/02/09 FD

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

Sample ID: 09B05273 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

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

Solids, total % 87.0 03/02/09 FD

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

Sample ID: 09B05274 ‡Sampled: 2/23/2009

Not Specified

Sample Matrix: SOIL

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

Solids, total % 89.7 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 7/10/2009 650 SUFFOLK STREET Page 12 of 13

Purchase Order No.: LOWELL, MA 01852

Project Location: CITY OF NEW BEDFORD-WALAH LIMS-BAT #: LIMT-23460

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

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

Sample ID: 09B05269 **\$Sampled: 2/23/2009**

Not Specified

Sample Matrix: SOIL

	Units	Results	Date Analyst	RL	SPEC Limit	P/F
			Analyzed		Lo Hi	
Solids, total	%	83.2	03/02/09 FD			

Analytical Method:

SM 2540G

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

RL = Reporting Limit

NM = Not Measured

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.

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



DAVID SULLIVAN

TRC SOLUTIONS - LOWELL 7/10/2009
650 SUFFOLK STREET Page 13 of 13

LOWELL, MA 01852 Purchase Order No.:

Project Location: CITY OF NEW BEDFORD-WALAH

Date Received: 2/23/2009

LIMS-BAT #: LIMT-23460

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:	7/10/2009	Lims Bat #: LIMT-23460		Page 1 of	2
QC Batch Numbe	er: ICP-21252				
Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B05270					
	Arsenic	Sample Amount	26.50	mg/kg dry wt	
		Duplicate Value	21.36	mg/kg dry wt	
		Duplicate RPD	21.45	%	0-35
		Sample Amount	26.50	mg/kg dry wt	
		Matrix Spk Amt Added	28.76	mg/kg dry wt	
		MS Amt Measured	50.48	mg/kg dry wt	
		Matrix Spike % Rec.	83.36	%	75-125
	Lead	Sample Amount	23.89	mg/kg dry wt	
		Duplicate Value	20.57	mg/kg dry wt	
		Duplicate RPD	14.91	%	0-35
		Sample Amount	23.89	mg/kg dry wt	
		Matrix Spk Amt Added	28.76	mg/kg dry wt	
		MS Amt Measured	49.30	mg/kg dry wt	
		Matrix Spike % Rec.	88.35	%	75-125
3LANK-130091					
	Arsenic	Blank	<2.50	mg/kg dry wt	
	Lead	Blank	< 0.75	mg/kg dry wt	
FBLANK-92231					
	Arsenic	Lab Fort Blank Amt.	123.00	mg/kg dry wt	
		Lab Fort Blk. Found	127.09	mg/kg dry wt	
		Lab Fort Blk. % Rec.	103.32	%	83-117
		Dup Lab Fort Bl Amt.	123.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	121.23	mg/kg dry wt	
		Dup Lab Fort BI %Rec	98.56	%	83-117
		Lab Fort Blank Range	4.76	units	
		Lab Fort Bl. Av. Rec	100.94	%	
		LFB Duplicate RPD	4.71	%	0-30
	Lead	Lab Fort Blank Amt.	136.00	mg/kg dry wt	
		Lab Fort Blk. Found	131.72	mg/kg dry wt	
		Lab Fort Blk. % Rec.	96.86	%	81-120
		Dup Lab Fort Bl Amt.	136.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	124.64	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	91.64	%	81-120
		Lab Fort Blank Range	5.21	units	
		Lab Fort Bl. Av. Rec	94.25	%	
		LFB Duplicate RPD	5.53	%	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: 7/10/2009 Lims Bat #: LIMT-23460 Page 2 of 2

QUALITY CONTROL DEFINITIONS AND ABBREVIATIONS

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

would be subject to comparison with a particular set of Quality

Control Data.

LIMITS Upper and Lower Control Limits for the QC ANALYSIS Reported. All

values normally would fall within these statistically determined limits, unless there is an unusual circumstance that would be documented in a NOTE appearing on the last page of the QC SUMMARY

REPORT. Not all QC results will have Limits defined.

Sample Amount of analyte found in a sample.

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

analysis.

LFBLANK Laboratory Fortified Blank (a control sample)

STDADD Standard Added (a laboratory control sample)

Matrix Spk Amt Added Amount of analyte spiked into a sample

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

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

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

Duplicate RPD The Relative Percent Difference between two Duplicate Analyses.

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

analytical methods.

Sur. Recovery (ELCD) Surrogate Recovery on the Electrolytic Conductivity Detector.

Sur. Recovery (PID) Surrogate Recovery on the Photoionization Detector.

Standard Measured Amount measured for a laboratory control sample Standard Amt Added Known value for a laboratory control sample

Standard % Recovery % recovered for a laboratory control sample with a known value.

Lab Fort Blank Amt
Laboratory Fortified Blank Amount Added
Lab Fort Blk. Found
Laboratory Fortified Blank Amount Found
Laboratory Fortified Blank % Recovered

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

Lab Fort Blank Range Laboratory Fortified Blank Range (Absolute value of difference between recoveries for Lab Fortified Blank and Lab Fortified

Blank Duplicate).

Lab Fort Bl. Av. Rec. Laboratory Fortified Blank Average Recovery

Duplicate Sample Amt Sample Value for Duplicate used with Matrix Spike Duplicate

MSD Amount Added Matrix Spike Duplicate Amount Added (Spiked)
MSD Amt Measured Matrix Spike Duplicate Amount Measured

MSD % Recovery

Matrix Spike Duplicate % Recovery

MSD Range Absolute difference between Matrix Spike and Matrix Spike

Duplicate Recoveries

	M	IADEP MCP ANAL	LYTICAL METHOD RE	EPORT CERTIF	ICATION FO	RM	
		N-TEST Analytica			Project #:	LIW	T- 23460
			edford - Walah		MADEP RT	ΓN¹:	
	orm provides ce		following data set: [li	ist Laboratory	Sample ID I	Numb	per(s)]
Samr			Soil/Sediment □ Dr	inking Water	☐ Other:		
*		8260B ()	8151A()	8330 ()	6010B (X)	7470A/1A ()
	P SW-846 thods Used	8270C ()	8081A()	VPH()	6020 (()	9014M ² ()
As spe	ecified in MADEP	8082 ()	8021B()	EPH()	7000 S ³ (()	7196A ()
Compe Analyt	endium of ical Methods.	1 List Release Trad	cking Number (RTN), thod 9014 or MADEP thods 7000 Series Lis	Physiologically a	Available Cythod and	anide lyte.	(PAC) Method
,			s A, B, C and D is r				rtainty" status
Α	Were all samp	les received by th	ne laboratory in a coustody documentation	ondition consis	stent with		∕es □ No¹
В	Were all QA/Q	C procedures requise report followed arrative QC data to	uired for the specifications, including the received that did not meet a	ed analytical r	nethod(s) note and	2	∢Yes □ No¹
С	for "Presumptive (d) of the MAD	ve Certainty", as o EP document CA	port meet all the and described in Section M VII A, "Quality As sition and Reporting	i 2.0 (a), (b), (ssurance and (c) and Quality	X	∖Yes □ No¹
D	VPH and EPH without signific	<u>Methods only</u> : V ant modifications (Vas the VPH or EPH (see Section 11.3 of	l Method cond respective Me	ucted thods)	[⊃ Yes □ No ¹
			F below is required			inty'	" status
para bases	Were all analy the specified m	tical QC performa nethods achieved?	nce standards and r	recommendation	ons for	X	LYes □ No ¹
-	Were results to method(s) repo		compounds/elemer	nts for the sp	ecified		Yes ¾No¹
			dressed in an attache				
inaui	ry of those re	esponsible for C	pains and penalties obtaining the infor knowledge and be	rmation, the	material c	onta	my personal ined in this
Sign	ature: M	Carle		Position: As	ssistant La	bora	tory Director
Print	ted Name: Mic	hael Erickson		Date: 3/	2,109	· · · · · · · · · · · · · · · · · · ·	



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

Email: info@contestlabs.com

CHAIN OF CUSTODY RECORD LIMT-234400

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

O = Other	O = other			Require lab approval	۱ ۱	WAY ON OLO IN STRUCTS TRAIL COMICORANGING TO
B = Sodium bisulfate	SL = sludge			☐ *72-Hr ☐ *4-Day	Rate Time: 1000	Received by: (signature)
S = Sulfuric Acid	S = soil/solid	ie Queto	Special Requirements or DL's: See Quite	☐ *24-H	373.8 1800	R. R. X
N = Nitric Acid	A = air		- Table	- Ru		Relinguished by: (signature)
M = Methanol	DW = drinking water	NO N	Data Enhancement Project/RCP? 🖠 Y	S Other S	733 1600	May Clary
	G##= Groundwater	V 10 K) [400	Beneviction (cinetista)
rvation	PW- Croundwater	7		7-Dav	9 12 100 Kg	The state of the s
***************************************	*Matrix Codo:	March Comments of the Comments	Detection Limit Requires		Date/Time:	Relinquished-by (signature)
VD	C - Clean; U - Unknown	i	H - High; M - Medium; L - Low;			CH
	be high in concentration in Matrix/Conc. Code Box:	ation in Matri	be high in concent			
a specific sample may	Please use the following codes to let Con-Test know if a specific sample may	owing codes t	200000			Laboratory Comments:
		X	X N 5 ÷	112 10 10 111:	1)52.46	Post-34 (48-54)
		/		200	1527A2	fost-84 (42-48)
		<u> </u>		250	2522	BOX-34 (36-42)
	THE COLUMN TO TH	<		0	osuu3	Post-34 (30-36)
		<		RO	053207	Post-34 (24-30)
		 		2000	05241	Post-34 (18-24)
		X	entitioning,	2010	05740	Post-34 (12-15)
Comments:		×	6 5 W X	2/23/00 0900	25750	Post-34 (2-12)
		Tet	osite Grab Code Code	Start—Stop Date/Time Date/Time	Lab # 0915	Field ID Sample Description
Q=Other		tal	The same of the sa	Date Sampled	X yes □ no	N yes 7707 proposal date
T-reder bag		7	Management of the control of the con	OTHER	State Form Required?	Proposal Provided? (For Billing purposes)
S-summa can		130 Le	X GIS KEY		10 + + 61	1 Common & M.
		60.		A CONTRACTOR	The same of the sa	1
o Taplastic		<u>c</u> <u>Q</u>	UWEBSITE CLIENT	Fax #:		Project Location:
G=glass			'		5	Attention: There Solliva
	ANALYSIS REQUESTED	OMMONIO MACCINIA	And a supplication of the	Client PO #	12510	Lowoll MA
~Cont.Code			15058	Project # ///S	Z. Z.	Address: 650 Suffelk
**Preservation			3/2-3565	Telephone:(778) 636 -356	AND THE PROPERTY OF THE PROPER	Company Name: TIZZ
# of containers		*			www.comesnaos.com	A Company of the Comp



Phone: 413-525-2332

CHAIN OF CUSTODY RECORD

Fax: 413-525-6405

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

	n - Other	O = other					* Require lab approva	* Require	~~~				Commence of the second	
llfate	B = Sodium bisulfate	SL = sludge	·				☐ *72-Hr ☐ *4-Day	□ *72-Hr	3 7000	Date/Time	The state of the s	mature)	Received by: (signature)	Rec
	S = Sulfuric Acid	S = soil/solid	a Queto	Special Requirements or DL's: See Queto	Requirement	Special F	□ *48-Hr	_ □ *24-Hr □ *48-Hr	now	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	and the same of th		N. S.	
	N = Nitric Acid	A = air				-	RUSH *			Date/Time:		(signature)	Relinquished by: (signatore)	Řelir
	W = Wethanol	DW= drinking water	NO N	Project/RCP? 🟋 Y	Data Enhancement P	***************************************	Other of the	×	To Bo	2			WY // L	
T = Na thiosulfate	I HOL	ww= wastewater	,				10-Day			Date/Timg	•	Ben Solver	eived by: Lajgmaty	Receiv
X = Na hydroxide	I = Iced	GW= groundwater	~~	11-5 0110		Regulations?	7-Day		1 1600	212316	Carried State of the State of t			Ţ
Codes:	**Preservation Codes:	*Matrix Code:	nents	t Requirements	tion Limit	Detection	** Turnaround			Date/Time:		(signature)	Relinquished by: (signature)	Relir
	3	C - Clean; U - Unknown	um; L - Low;	H - High; M - Medium; L - Low;	H-H		THE RESERVE THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED I				ANAMAN TATALAN TATA		A	6
		be high in concentration in Matrix/Conc. Code Box:	ration in Mate	gh in concent	be hic									
may	a specific sample	Please use the following codes to let Con-Test know if a specific sample may	owing codes	se use the foll	Pleas							nents:	Laboratory Comments:	Labo
			X		6		0958	2/23/29	2		36-42)	~	200	
			,	1	- -		100					0 6	*	
			<u>``</u>			- Aliana	220		رين نر	ころ	(NO - X)	0 4 21	o,	
THE STATE OF THE S		NATIONAL AND	×				2954	CONTINUES (N. A. Bloggy	H	53	24-30)	Cost-3V 1	Ţ,	
			X	X			2652			051	18-24)	3V (Post-	
T.	18 18 18 18 18 18 18 18 18 18 18 18 18 1		X		vec applications		0450	***************************************		200	15-18) (S1-21)	t-3V	123	
					THE MINISTER SEA		8448	E	TAR	A CONTRACTOR OF THE PROPERTY O	(6-12)	t-3V	Post	
			>				87.40	**************************************	Co	TO Y	1,6-66)	1-54/	6	
					>) (7)				1 /2	
Cllent Comments:			<u>\</u>	X	8	. Alex	2160	2/23/20	E C	 	54-60)	Pat 34 (72	
			<u></u>	x Conc. Code	*Matri Grab Code	Comp- osite	Step Date/Time	Start-Date/Time	393	Lab # (otion	Sample Description	Field ID San	Fiel
O=Other		MAKENOWETHOOD	o tax		2		Date Sampled	Date	no	Ø yes	proposal date	727	Vyes Z]
T=tedlar.bag			<u>x</u>	a			OTHER		State Form Required?	State Forn	Proposal Provided? (For Billing purposes)	ded? (For Bil	posal Provi	Prop
V≃ vial S=summa can			Av	주 ¹	A GIS KE	D PDF	NEXCEL Selling	Format:	HAMMerican	N. 77 %	Munder J. H. J	5. 5.00	Salipied by.	ğ
o de la			<u>se</u> e4.	***************************************	1	4			And the second s	50 01 E 13	` [noice By:	25
10.000	· · · · · · · · · · · · · · · · · · ·		a · c	a Medium The Australia			EIVIAIL	# XET				n:	Project Location:	<u>0</u>
G=glass			-		11	check on	DATA DELIVERY (check one):	DATAD		5	Sillie	Theore	Attention:	Atte
Asamber dia s	_ n						1	Cici		15510	A MA	130000 31	1	
)								Client DO #				·		
~Cont.Code			7	The state of the s		S S	11505	Project #		7	1.22.2	3	Address:	Add
**Preservation			1-1	-4	525	150 -3	Telephone:(���) ১	Telephor				10: A	Company Name:	Con
# of containers			uses,	war	9	-			www.contestlabs.com	www.cont			AND STATES	
	89, WIA UIUZO	EASI LONGWEADOW, WA 01020		00	アングラ	3		bs.com	Email: info@contestlabs.com	Email: info	ANALYTICAL LABORATORY	ANALYTICAL	Ž	



CHAIN OF CUSTODY RECORD

Phone: 413-525-2332

Fax: 413-525-6405

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

MPLETELY OR IS	ED OUT CO	N YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS	AIN. IF TH	RE ARE QUESTIONS ON YOUR CH	RECEIPT UNLESS THE	TARTINITH ALIGHERT	INCORRECT. TURNAROUND TIME WILL NOT START LINTIL ALL OLIESTONS ARE ASSUMPTED TO THE ALL OLIESTIONS O
	o = Other	o = other		TALLE THE PROPERTY OF THE PROP	* Require lab approva	8019108	TIBNABOIND TIME STABLE AT C.CO A M.
= Sodium bisulfate	B = Sodiur	SL = sludge			□ *72-Hr □ *4-Day	Date/Ilme:	1 1000 (1900 and 1900)
ic Acid	S = Sulfuric Acid	S = soil/solid	avoto	Special Requirements or DL's: 5 20 Prote			The state of the s
Acid	N = Nitric Acid	A = air	٠.		RU	Date/Time:	reindustred by Islandus I
	M = Methanol	DW= drinking water	γ ON	Data Enhancement Project/RCP? 🙀 Y 🗆 N	☐ V Other dep	005) 1000	
T = Na thiosulfate	H = HCL	WW= wastewater				Date/Time/	Received by: (Sugnature)
X = Na hydroxide	I = lced	GW= groundwater		Regulations? MC 5-1/5-2		2/02/100	
**Preservation Codes;		*Matrix Code;	nts	Detection Limit Requirements	Turnaround **	le/Time:	Helinquisped by (signature)
	7	C - Clean; U - Unknown	ነ;	H - High; M - Medium; L - Low;			
and to his took		In concentration in Matrix/Conc. Code Box:	ion in Mat	be nigh in concentra			G ann
imple may	specific sa	use the following codes to let Con-Test know if a specific sample may	ing codes	Please use the follow	(Laboratory Continuents:
			$\frac{\times}{}$	P S NX	2/23/09 Set 5	ALTERNATION OF THE PROPERTY OF	Post-3W (12-18)
			\times	<i>A</i>	W CATES		1057 - 31 (6-12)
			7		2001		
					1040		Post-3W (0-6)
			X	×	ohpo		fost-43 (42-48)
			X	×	1018		Jost-3V (60-66)
			\times	×	1016		Post-3V (54-60)
			X	×	1014		Pat-3V (48-54)
<u>Comments:</u>			X	P S Z X	2/13/09 1000		Post-3V (42-48)
			Tot	osite Grab Code Code	Date/Time Date/Time	Lab #	Field ID Sample Description
0=Other			-20		ite S	X yes ☐ no	X yes / OF proposal date
T=tedlar bac			A.		O OTHER	State Form Required?	Prov
V= vial			<u>e</u>	GIS KEY	EXCEL	· · · · · · · · · · · · · · · · · · ·	
ol=stenie			2 1	the solutions som	Dr. Hiraso	K. J.	Sampled By: J. Court Pors
P=plastic			60	TWEEDOLD CLIENT	Ser. INITAL	(Walsh)	Project Location: (it, I NE
G=glass			<u>Q</u>)]	ାଚ	THE PARTY OF THE P	18884
A=amber glass			***************************************		P. 6 400 5 600 100 100 100 100 100 100 100 100 100	MANAGEMENT AND ASSESSMENT OF THE PROPERTY OF T	Attention:
~Cont Code:	ESTED	ANALYSIS REQUESTED			Client PO#	01854	Jours MA
~Cont.Code			1	58- 6	Project # 1/50	7	Address: 650 Siffolk S
**Preservation			H	ESC-3565 I	Telephone:(478)		Company Maries 7/100
# of containers						พพพ.contestlabs.com	Common Monne

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

I UHNAHUUND TIME STARTS AT 9:00 A.M. THE DAY AFTER	KUI FIN	Hecewed by: (signature)	1	neinfluisited by signature) Date/Time:		Date/Time:		nellinguistied by lenginguise Date/Time:			Laboratory Comments:	Post - 3x (0-6)	62x-44 (42-48)	Post-3W (48-54)	fost- SW (42-45)	Bost-3W (34-42)	Post-3W (30-36)	fost-3w (24-30)	Post-3w (18-24)	Field ID Sample Description Lab #	A yes 2001 proposal date X yes	Provided? (For Billing purposes)	omition of Sandos fr, K. 776	10 10 10 mm	Project Location:	Attention: Theid Sillivan	Lowell MA DISSY	Address: 650 Setter St.	Company Name: TRC
I UHNAHOUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN	* Require lab approval	/ 0/3/ 0 *72-Hr		RUSH*	10 55		8	Lurnaround ** Detection Limit Requ	The second secon	be high in concentr	DESCRIPTION OF THE PERSON OF T	7/12/00 11/26 C S U X	X X X X X	1110	1058 X	X 35.01	1054 X	105Z X	1/13/04 1050 G S U X	Date/Time Date/Time osite Grab Code Code	ite Sampled	O OTHER	Format: XEXCEL OPDF XIGIS KEY		MEMAIL DWEBSITE CLIENT	DATA DELIVERY (check one):	Client PO #	Project #	Telephone: (4 1/8) 6/8 - 35/8 1
IN THIS EODIN IS NOT THE	O = other	SL = sludge B	S = soil/solid	A = air	☐ N DW= drinking water M = Methanol	WW= wastewater H = HCL T = Na	GW= groundwater I = Iced	nents *Matrix Code: **Preservation Codes:	um; L - Low; C - Clean; U - Unknown	be high in concentration in Matrix/Conc. Code Box:	Please use the following codes to be form-Test know it a specific earning many	X		×	×	×	X	× ×	, , , , , , , , , , , , , , , , , , ,				A				ANALYSIS REQUESTED	~	
						T = Na thiosulfate	X = Na hydroxide	14.											<u>Client</u> Comments:		0 =Other	T≕tedlar bag	V= vial S=summa can	ST ⊨sterile	P=plastic	A=amber glass	-Cont. Code:	-Cont.Code	**Preservation

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



CHAIN OF CUSTODY RECORD

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

0 = Other	O = other	The second secon	require lab approva	DAY AFTER SAME	** TURNAROUND TIME STARTS AT 0:00 A M THE
B = Sodium bisulfate	SL = sludge		□ -/2-Hr □ -4-Day	1907 (30)	The state of the s
S = Sulfuric Acid	S = soil/solid	Special Requirements or DL'S: XX CIVE 6			Becaived hy: (circulature)
N = Nitric Acid	A II all	Special Designation of the Control o		2,22.8 1800	A SOLLAND
	Can Children And Can	N - Chi	5	Date/Time:	Relinguished by: (signalure)
M - Mothand = Na mosurate	DW - wastewater	Data Enhancement Project/PCP?\Q'Y \ \P\ \N	4	2-23-9 1600	Mrs Clas
	WW wastawater	•			Received by:/(signature)
I = Iced X = Na hydroxide	GW= groundwater	Regulations? MCP 5-1/5-7	<u>Ø</u> □ 7-Day	1600	CR RULL
**Preservation Codes:	*Matrix Code:	Detection Limit Requirements	Turnaround **	Date/Time:	Helipquished by-rsignature
UMC	C - Clean; U - Unknown	H - High; M - Medium; L - Low;		The state of the s	
			-		
a specific sample may	tx/Conc. Code Box:	be high in concentration in Matrix/Conc. Code Box:			
Contest and the Contest and th					Laboratory Comments:
		XX x X S S	2/23/20 1148	. dom.	Post-3X (48-54)
TOTAL PARTIES AND			N 1140		83x-3x (47-45)
		××	3211		Kest-3X (72-47)
		×	11.36		805+-5X (30-36)
					Ė
The state of the s		× ×	1134		Post -3X (74-30)
(Jahrs/Papl.)		××	1132		Post -3X (18-24) (mx/Rxd.
			1130		fost-3x (17-18)
Comments:		R S U X X	7/23/09 11/28		\$05t-3x (672)
		osite Grab Code Code	Date/Time Date/Time	Lab #	Field ID Sample Description
O =Other			ate S	☐ yes ☐ no	proposal date
T=tedlar bag		l l	٦	=	Provided? (For B
S=summa can		□ PDF XCGIS KEY	Format: XE		
¥ Signatura		tuse letions con	Email: ds.//	1 R. 775	Sampled By: The Samples / the
SI-sterile				(Walsh)	Project Location: City A.K.
G ≡glass		CLENT	DFAX XEMAIL (
A=amber glass		heck one)	DATA DELIVERY (check one):	1 4 4 5	Attention: David Silli
	ANALYSIS REQUESTED	The state of the s	Client PO #	01854	Lawell MA
~Cont.Code		5055- 64	Project #//_	75	Address: 650 Stalk
**Preservation		56-3585	Telephone:(何美) (元 -35~	Account of the contract of the	Company Name: 1/2 C
# of containers				www.contestlabs.com) Comments

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



CHAIN OF CUSTODY RECORD

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

> Page 6 9

Company Comp	** TURNARO	M	Received by:	Tempquisited by:	Poling ichox	Received by:	The state of the s	Helinquished). 1	I aboratory Co		-	7	7	b.	5-			Field ID Sa	X yes	Proposal Pro	Sampled By:	Project Location:	Attention:		Address:	Company realite
Client PO # 1752 Client PO # Client PO * Client PO # Client PO * Client PO # Client PO * Client	UND TIME STA	A Commence of the Commence of	(sidhature)	Dy. Jaily Jaine		ASIGNATULE!	NO N	by: (signature),	THE PERSON NAMED IN COLUMN 1		ymments:	JE1-76	JFC-20	1	AC-24	N		W	954-3X	ample Descr	1007	ovided? (For E	7	tion: Crt	That,	Lou	650	me //
Client PO # 1752 Client PO # Client PO * Client PO # Client PO * Client PO # Client PO * Client	ATS AT 9:00 A	g a principle provide militar and management of the design of the provide military of the provide mili	a l					ware of the same o	The state of the s				(0-1)	3) ((1-3)		(60.66)	(54-60)	ption	proposal date	illing purpose	sunders/	ndN	£ 51	11	25	, ,,
ANALYSIS REQUESTED Some Code C	N. THE DA	رو	D _{af} C			J _{Da} t	876	Dat			Ė	- /	*	1	Herry) *	*	×			Lat			H. W	13/4	hivery	0	ts 21	-
ANALYSIS REQUESTED Some Code C	Y AFTER SA	03/00	a/Time	(e) I Ime:			£					THE PERSON NAMED IN COLUMN NAM			- The state of the				TATABLE STREET	#	1	te Form Req	1775	le 1sh		1 '		
ANALYSIS REQUESTED Some Code C	MPLE REC	/9Ce * R	E		500		0				7	71.							2/3	Star		uired?	For	Fax	I A	 음	Pro	101
ANALYSIS REQUESTED Some Code C	EIPT UNLES	equire lab a	75 0, 0 45	RUSH *				urnarour			-		<u> </u>	1.3	13	13	7.3	1/2	ļ	Time	ate Samp	 	A		TA DELIVE		ject #	spnone:∦ 7
ANALYSIS REQUESTED ANALYSIS REQUESTED ANALYSIS REQUESTED ANALYSIS REQUESTED ALLALES JACON A	S THERE A	pproval		_	4)ay 		*	-)7	Λ\ -	3/	8	22	5	3	2	0	Time	led	THER	X	1	RY (check		11505	
ANALYSIS REQUESTED ANALYS	RE OFFICE		ciai nequiiei		յ Enhanceme		1	-	STATE OF THE PERSON NAMED IN) <u>O</u> 1			<_						9	Grab		777	De la Contra	BOILE CE	4 °		\$	V
ANALYSIS REQUESTED ANALYS			Hents of DES		ent Project/R				- High; M - N	e high in con									8	: ×			GIS KEY					
ANALYSIS REQUESTED ANALYSIS REQUESTED ANALYSIS REQUESTED ANALYSIS REQUESTED A STEPPING THE PROPERTY OF THE	ס ס ב		- 1		CP? X	_	1	irement	Medium; L	centration		<	× ×	X	×		X	X		To	tal) 	A15.	2016			6	7
QUESTED Compared to the content of the content o			E	ļ.,				S	2	in Matri	-						7			<i> 0</i>	tr	<u>L</u>	L C					1
QUESTED QUESTED A Provided Secretary AND A Preservation Code A Prese	E MOOR	O = other	S = SOII/SOIK	A = air	DW= drinkin	WW= waste	GW= ground	*Matrix Cod	S - Clean; U	x/Conc. Cod	The state of the s															ANALYSIS		
			Ļ	L	ig water	water	lwater	le:	- Unknow	e Box:	the second secon										••					REQU		
		O = Other	S = Sultur	N = Nitric	M = Metha	H = HCL	t = lced	**Preserv	n	specific sa		191		(4/	(Ho											ESTED		
		ım bisulfat	nc Acid	Acid		-	×	ation Cod		ample may	18 / Sp			(97)	(47						****							
		ō				: Na thiosu	 Na hydro. 	les:	Lesection.	and the second s		<u> </u>	yeg vest	For TACS	Series of the series	477	Septes	× 50%	Commen		0 =Other	T≕tedlar	V= vial	P=plastic ST=sterile	G=glass	-Cont. Code:	~Cont.Code	**Preservation

INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT. ON YOUR CHAIN. IF THIS FURM IS NOT FILLED OUT COMPLETELY OR IS



CHAIN OF CUSTODY RECORD

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

Page 7 of 1

O = Other	O = other	WHITE LAND IN THE PARTY OF THE	* Require lab approval	1	THE TAX PROPERTY OF THE PARTY O
3 = Sodium bisulfate	SL = sludge B		□ *72-Hr □ *4-Day	Date/Ime:	neceived by Asignature)
s = Sulfuric Acid	S = soil/solid S	Special Requirements or DL's: Sec (1)	_ 0 *24-Hr	000 1300	
N = Nitric Acid)	RUSH *	Date/Time:	Helinguished by (signature)
M = Methanol	Φ.	Data Enhancement Project/RCP? DN ON	<u></u>	0083 1600	1 Walley
1		***************************************	. 🔾	Date/Time:	Received by Asignature)
I = Iced X = Na hydroxide	ater	Regulations? ACP 5-1/5-7		1600	Ch (MC)
**Preservation Codes:	*Matrix Code: **	Detection Limit Requirements	Turnaround **	te/Time:	Relinquished by (signature)
	C - Clean; U - Unknown	H - High; N - Medium; L - Low;	The state of the s		minute de la constante de la c
	ix/Conc. Code Box:	be nigh in concentration in Matrix/Conc. Code Box:			
pecific sample may	use the following codes to let Con-Test know if a specific sample may	Please use the following codes			Laboratory Comments:
(H.s.H.)		NX N SO	2105/09 1510	*	WFC-2H (1-5) (HOD)
(HAD)		✓ <p< td=""><td>1505</td><td>·*</td><td>WFC-ZH (0-1) (HUB)</td></p<>	1505	·*	WFC-ZH (0-1) (HUB)
NESC TS		×	1435	**	WFC-ZI (1-3)
funding funding	,	× ×	1445	*	WFC-ZD (1-3)
16 my 25 16 k		× ×	01-11	***************************************	WFC-2D (0-1)
(Held) * Hold		 X X	1420	*	WFC-26 (1-3) (HOLD)
Comments:		XXX	2/13/29 1415) *	WFC-28 (0-1) (HOLD)
		Comp- *Matrix Conc. To To	Start Step Date/Time Date/Time	Lab #	Field ID Sample Description
O=Other		ta	Date Sampled	X yes ☐ no	Myes 2007 proposal date
T=tedlar bag		2	O OTHER	State Form Required?	Proposal Provided? (For Billing purposes)
S =summa can			Format: N EXCEL		
V= viai		to contestions con	Email: Aselliven	ノナナング	Sampled By: The Samples IM
		OWERSTE CLENT	Fax # :	ベタイン	Project Location: City of NS (cv
G=dlass			DELIVERY (c	2	Attention: Vac. S. 11. van
STED <u>~Cont_Code:</u>	ANALYSIS REQUESTED		Client PO #	DI824	Towell MA
~Cont.Code		55 66	Project # //Soss	Ť	address: 650 Suffelic
**Preservation		6-3565 7 E	Telephone:(478) 656 -		y Name: 1/čC_
# of containers			,	www.contestlabs.com	Į.

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



Sample Receipt Checklist

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

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

CLIENT NAME: TPC_LO	W	_ RECEIV	ED BY:	ATE: 2/27/08
1) Was the chain(s) of custody	relinquished and sig	ned?	Yes No	
2) Does the chain agree with th If not, explain:	e samples?		Yes No	
3) Are all the samples in good of If.not, explain:	ondition?		Yes No	
4) How were the samples receive	red:			an'
On Ice Direct from	Sampling	Ambient	☐ In Cooler(s) ☐	ray ramman
Were the samples received in T	emperature Complia	nce of (2-	6°C)? (Yes No	
Temperature °C by Temp blank			ature °C by Temp gun	
5) Are there Dissolved samples			Yes No	
Who was notified			e	
6) Are there any samples "On H				tored where:
7) Are there any RUSH or SHOR		mples?	Kes No	,
Who was notified			e	
8) Location where samples are	stored.		Permission to subcontra (Walk-in clients only) if Client Signature:	
	Containers se	ent in t	to Con-Test	200 to 100 to
	# of containers			# of containers
1 Liter Amber		112 - 12	8 oz clear jar	14
500 ml. Amber	•		4 oz clear jar	JH.
250 mL Amber (8oz amber)			2 oz clear jar	
1 Liter Plastic			Other glass jar	
500 mL Plastic		7 (1 m) (1 m	Plastic Bag / Ziploc	
250 mL plastic		145 (4.5)	Air Cassette	
40 mL Vial - type listed below			Brass Sleeves	
Colisure / bacteria bottle			Tubes	
Dissolved Oxygen bottle			Summa Cans	
Flashpoint bottle			Regulators	· · · · · · · · · · · · · · · · · · ·
Encore		100 mm/s	Other	
Laboratory Comments:				
40 mL vials: # HCl	# Methanol		-	
	# DI Water		 _ Time and Date Frozen:	

Thiosulfate _____ Unpreserved ____