

REPORT DATE 2/23/2009

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

CONTRACT NUMBER: PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23319

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-3J (30-36)	09B04451	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3J (30-36)	09B04451	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3J (30-36)	09B04451	SOIL	Not Specified	solids (percent)	
POST-3J (36-42)	09B04452	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3J (36-42)	09B04452	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3J (36-42)	09B04452	SOIL	Not Specified	solids (percent)	
POST-3J (42-48)QC	09B04453	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3J (42-48)QC	09B04453	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3J (42-48)QC	09B04453	SOIL	Not Specified	solids (percent)	
POST-3J (48-54)	09B04454	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3J (48-54)	09B04454	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3J (48-54)	09B04454	SOIL	Not Specified	solids (percent)	
POST-3J (54-60)	09B04455	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3J (54-60)	09B04455	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3J (54-60)	09B04455	SOIL	Not Specified	solids (percent)	
POST-3J (60-66)	09B04456	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3J (60-66)	09B04456	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3J (60-66)	09B04456	SOIL	Not Specified	solids (percent)	
POST-3K (0-6)	09B04457	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3K (0-6)	09B04457	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3K (0-6)	09B04457	SOIL	Not Specified	solids (percent)	
POST-3K (12-18)	09B04459	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3K (12-18)	09B04459	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3K (12-18)	09B04459	SOIL	Not Specified	solids (percent)	
POST-3K (18-24)	09B04460	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3K (18-24)	09B04460	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3K (18-24)	09B04460	SOIL	Not Specified	solids (percent)	
POST-3K (24-30)	09B04461	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3K (24-30)	09B04461	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3K (24-30)	09B04461	SOIL	Not Specified	solids (percent)	
POST-3K (30-36)	09B04462	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3K (30-36)	09B04462	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3K (30-36)	09B04462	SOIL	Not Specified	solids (percent)	
POST-3K (36-42)	09B04463	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3K (36-42)	09B04463	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3K (36-42)	09B04463	SOIL	Not Specified	solids (percent)	
POST-3K (42-48)	09B04464	SOIL	Not Specified	as (mg/kg)dw icp	
POST-3K (42-48)	09B04464	SOIL	Not Specified	pb (mg/kg)dw icp	
POST-3K (42-48)	09B04464	SOIL	Not Specified	solids (percent)	



REPORT DATE 2/23/2009

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CONTRACT NUMBER: PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

POST-3K (48-54)	09B04465	SOIL	Not Specified	LIMS BAT #: LIMT-23319 JOB NUMBER: 115058 as (mg/kg)dw icp
POST-3K (48-54)	09B04465	SOIL	Not Specified Not Specified	pb (mg/kg)dw icp
POST-3K (48-54)	09B04465	SOIL	Not Specified	solids (percent)
POST-3K (6-12)	09B04458	SOIL	Not Specified	as (mg/kg)dw icp
POST-3K (6-12)	09B04458	SOIL	Not Specified	pb (mg/kg)dw icp
POST-3K (6-12)	09B04458	SOIL	Not Specified	solids (percent)
POST-3L (6-12)	09B04466	SOIL	Not Specified	as (mg/kg)dw icp
POST-3L (6-12)	09B04466	SOIL	Not Specified	pb (mg/kg)dw icp
POST-3L (6-12)	09B04466	SOIL	Not Specified	solids (percent)



REPORT DATE 2/23/2009

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

CONTRACT NUMBER: PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #:

LIMT-23319

JOB NUMBER: 115058

Comments:

LIMS BATCH NO.: LIMT-23319

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

Only As and Pb elements were requested and reported. A sample duplicate and ms were performed on sample 09B04453.

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 2/24/09 SIGNATURE

Tod Kopyscinski Air Laboratory Manager Michael Erickson

Assistant Laboratory Director

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 2/23/2009
650 SUFFOLK STREET Page 1 of 13

LOWELL, MA 01852 Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH) LIMS-BAT #: LIMT-23319

Date Received: 2/17/2009 Job Number: 115058

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

Sample ID: 09B04451 ‡Sampled: 2/17/2009

Not Specified

Sample Matrix: SOIL

Units Results Date Analyst RL SPEC Limit P/ F

Analyzed Lo Hi

Arsenic mg/kg dry wt 6.24 02/23/09 KSH 2.90

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

Not Specified

Sample Matrix: SOIL

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

Arsenic mg/kg dry wt 4.66 02/23/09 KSH 2.92

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

Not Specified

Sample Matrix: SOIL

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

Arsenic mg/kg dry wt 3.36 02/23/09 KSH 3.11

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

Not Specified

Sample Matrix: SOIL

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

Arsenic mg/kg dry wt 5.55 02/23/09 KSH 2.91

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

Sample ID: 09B04455 ‡Sampled: 2/17/2009

Not Specified

Sample Matrix: SOIL

Units Results Date RL SPEC Limit P/F Analyst Analyzed Lo Hi Arsenic 3.95 02/23/09 **KSH** 3.02 mg/kg dry wt

RL = Reporting Limit

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

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



DAVID SULLIVAN

TRC SOLUTIONS - LOWELL 2/23/2009 650 SUFFOLK STREET Page 2 of 13

LOWELL, MA 01852 Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH) LIMS-BAT #: LIMT-23319

Date Received: 2/17/2009 Job Number: 115058

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

09B04456 **\$Sampled: 2/17/2009** Sample ID:

Not Specified

Sample Matrix: SOIL

Units SPEC Limit P/F Results Date Analyst RL Hi

Analyzed Lo

Arsenic mg/kg dry wt ND 02/23/09 **KSH** 6.13

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

Sample ID: 09B04457 ‡Sampled: 2/17/2009

Not Specified

SOIL Sample Matrix:

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

3.25 Arsenic mg/kg dry wt 240 02/23/09 **KSH**

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

Sample ID: 09B04459 **\$Sampled: 2/17/2009**

Not Specified

Sample Matrix: SOIL

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

02/23/09 Arsenic mg/kg dry wt 4.23 **KSH** 2.78

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

Sample ID: **\$Sampled: 2/17/2009** 09B04460

Not Specified

Sample Matrix: SOIL

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

Arsenic mg/kg dry wt 7.62 02/23/09 KSH 2.71

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

‡Sampled: 2/17/2009 Sample ID: 09B04461

Not Specified

SOIL Sample Matrix:

Units Results Date RLSPEC Limit P/F Analyst Analyzed Lo Hi Arsenic 4.87 02/23/09 **KSH** 2.77 mg/kg dry wt

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

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DAVID SULLIVAN

TRC SOLUTIONS - LOWELL 2/23/2009
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LOWELL, MA 01852 Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH) LIMS-BAT #: LIMT-23319

Date Received: 2/17/2009 Job Number: 115058

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

Sample ID: 09B04462 ‡Sampled: 2/17/2009

Not Specified

Sample Matrix: SOIL

Units Results Date Analyst RL SPEC Limit P/ F

Analyzed Lo Hi

Arsenic mg/kg dry wt 3.51 02/23/09 KSH 2.81

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

Sample ID: 09B04463 ‡Sampled: 2/17/2009

Not Specified

Sample Matrix: SOIL

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

Arsenic mg/kg dry wt 3.54 02/23/09 KSH 3.00

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

Sample ID: 09B04464 ‡Sampled: 2/17/2009

Not Specified

Sample Matrix: SOIL

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

Arsenic mg/kg dry wt 3.28 02/23/09 KSH 2.87

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

Not Specified

Sample Matrix: SOIL

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

Arsenic mg/kg dry wt 31.8 02/23/09 KSH 4.20

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

Not Specified

Sample Matrix: SOIL

Units Results Date SPEC Limit P/F Analyst RLAnalyzed Lo Hi Arsenic 62.2 02/23/09 **KSH** 2.96 mg/kg dry wt

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DAVID SULLIVAN

TRC SOLUTIONS - LOWELL 2/23/2009
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LOWELL, MA 01852 Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH) LIMS-BAT #: LIMT-23319

Date Received: 2/17/2009 Job Number: 115058

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

Sample ID: 09B04466 ‡Sampled: 2/17/2009

Not Specified

Sample Matrix: SOIL

Units Date RL SPEC Limit P/F Results Analyst Hi Analyzed Lo Arsenic mg/kg dry wt 334 02/23/09 KSH 3.08

Analytical Method: SW846 3050/6010

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

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SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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DAVID SULLIVAN

TRC SOLUTIONS - LOWELL 2/23/2009 650 SUFFOLK STREET Page 5 of 13

LOWELL, MA 01852 Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH) LIMS-BAT #: LIMT-23319

Date Received: 2/17/2009 Job Number: 115058

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

09B04451 **\$Sampled: 2/17/2009** Sample ID:

Not Specified

Sample Matrix: SOIL

Units SPEC Limit P/F Results Date Analyst RL Hi

Analyzed Lo

0.87

KSH

Lead mg/kg dry wt 120 02/23/09

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

Sample ID: 09B04452 ‡Sampled: 2/17/2009

Not Specified

SOIL Sample Matrix:

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

02/23/09 0.88 Lead mg/kg dry wt 40.8 **KSH**

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

Sample ID: 09B04453 **\$Sampled: 2/17/2009**

Not Specified

Sample Matrix: SOIL

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

02/23/09 Lead mg/kg dry wt 22.3 **KSH** 0.94

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

Sample ID: 09B04454 **\$Sampled: 2/17/2009**

Not Specified

Sample Matrix: SOIL

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

Lead mg/kg dry wt 54.4 02/23/09 KSH 0.88

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

09B04455 ‡Sampled: 2/17/2009 Sample ID:

Not Specified

SOIL Sample Matrix:

Units Results Date RL SPEC Limit P/F Analyst Analyzed Lo Hi Lead 29.4 02/23/09 **KSH** 0.91 mg/kg dry wt

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

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DAVID SULLIVAN

TRC SOLUTIONS - LOWELL 2/23/2009 650 SUFFOLK STREET Page 6 of 13

LOWELL, MA 01852 Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH) LIMS-BAT #: LIMT-23319

Date Received: 2/17/2009 Job Number: 115058

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

09B04456 **\$Sampled: 2/17/2009** Sample ID:

Not Specified

Sample Matrix: SOIL

Units SPEC Limit P/F Results Date Analyst RL Hi

Lo Analyzed

Lead mg/kg dry wt 3570 02/23/09 **KSH** 1.84

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

Sample ID: 09B04457 ‡Sampled: 2/17/2009

Not Specified

SOIL Sample Matrix:

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

02/23/09 0.98 Lead mg/kg dry wt 31.4 **KSH**

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

Sample ID: 09B04459 **\$Sampled: 2/17/2009**

Not Specified

Sample Matrix: SOIL

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

02/23/09 Lead mg/kg dry wt 4.39 **KSH** 0.84

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

Sample ID: **\$Sampled: 2/17/2009** 09B04460

Not Specified

Sample Matrix: SOIL

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

Lead mg/kg dry wt 43.1 02/23/09 KSH 0.82

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

‡Sampled: 2/17/2009 Sample ID: 09B04461

Not Specified

SOIL Sample Matrix:

Units Results Date SPEC Limit P/F Analyst RL Analyzed Lo Hi Lead 68.1 02/23/09 **KSH** 0.83 mg/kg dry wt

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

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DAVID SULLIVAN

TRC SOLUTIONS - LOWELL 2/23/2009
650 SUFFOLK STREET Page 7 of 13

LOWELL, MA 01852 Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH) LIMS-BAT #: LIMT-23319

Date Received: 2/17/2009 Job Number: 115058

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

Sample ID: 09B04462 ‡Sampled: 2/17/2009

Not Specified

Sample Matrix: SOIL

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

Lead mg/kg dry wt 33.3 02/23/09 KSH 0.85

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

Sample ID: 09B04463 ‡Sampled: 2/17/2009

Not Specified

Sample Matrix: SOIL

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

Lead mg/kg dry wt 21.9 02/23/09 KSH 0.90

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

Sample ID: 09B04464 ‡Sampled: 2/17/2009

Not Specified

Sample Matrix: SOIL

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

Lead mg/kg dry wt 10.1 02/23/09 KSH 0.86

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

Not Specified

Sample Matrix: SOIL

 Units
 Results
 Date Analyst
 RL
 SPEC Limit
 P/ F

 Analyzed
 Lo
 Hi

Lead
mg/kg dry wt
12600
02/23/09 KSH
1.26

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

Not Specified

Sample Matrix: SOIL

Units Results Date SPEC Limit P/F Analyst RL Analyzed Lo Hi Lead 30.5 02/23/09 **KSH** 0.89 mg/kg dry wt

RL = Reporting Limit

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DAVID SULLIVAN

TRC SOLUTIONS - LOWELL 2/23/2009
650 SUFFOLK STREET Page 8 of 13

LOWELL, MA 01852 Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH) LIMS-BAT #: LIMT-23319

Date Received: 2/17/2009 Job Number: 115058

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

Sample ID: 09B04466 ‡Sampled: 2/17/2009

Not Specified

Sample Matrix: SOIL

Units Date SPEC Limit P/F Results Analyst RL Hi Analyzed Lo Lead mg/kg dry wt 49.7 02/23/09 KSH 0.93

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 2/23/2009
650 SUFFOLK STREET Page 9 of 13

LOWELL, MA 01852 Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH) LIMS-BAT #: LIMT-23319

Date Received: 2/17/2009 Job Number: 115058

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

Sample ID: 09B04451 ‡Sampled: 2/17/2009

Not Specified

Sample Matrix: SOIL

Units Results Date Analyst RL SPEC Limit P/ F

Analyzed Lo Hi

Solids, total % 86.3 02/19/09 FD

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

Not Specified

Sample Matrix: SOIL

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

Solids, total % 85.7 02/19/09 FD

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

Not Specified

Sample Matrix: SOIL

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

Solids, total % 80.4 02/19/09 FD

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

Sample ID: 09B04454 ‡Sampled: 2/17/2009

Not Specified

Sample Matrix: SOIL

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

Solids, total % 86.1 02/19/09 FD

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

Sample ID: 09B04455 ‡Sampled: 2/17/2009

Not Specified

Sample Matrix: SOIL

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

 Solids, total
 %
 82.9
 02/19/09 FD

RL = Reporting Limit

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

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NM = Not Measured

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

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DAVID SULLIVAN

TRC SOLUTIONS - LOWELL 2/23/2009
650 SUFFOLK STREET Page 10 of 13

LOWELL, MA 01852 Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH) LIMS-BAT #: LIMT-23319

Date Received: 2/17/2009 Job Number: 115058

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

Sample ID: 09B04456 ‡Sampled: 2/17/2009

Not Specified

Sample Matrix: SOIL

Units Results Date Analyst RL SPEC Limit P/ F

Analyzed Lo Hi

Solids, total % 40.8 02/19/09 FD

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

Sample ID: 09B04457 ‡Sampled: 2/17/2009

Not Specified

Sample Matrix: SOIL

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

Solids, total % 77.1 02/19/09 FD

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

Not Specified

Sample Matrix: SOIL

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

Solids, total % 90.2 02/19/09 FD

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

Sample ID: 09B04460 ‡Sampled: 2/17/2009

Not Specified

Sample Matrix: SOIL

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

Solids, total % 92.5 02/19/09 FD

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

Sample ID: 09B04461 ‡Sampled: 2/17/2009

Not Specified

Sample Matrix: SOIL

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

 Analyzed
 Lo Hi

 Solids, total
 %
 90.5
 02/19/09
 FD

RL = Reporting Limit

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

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DAVID SULLIVAN

TRC SOLUTIONS - LOWELL 2/23/2009
650 SUFFOLK STREET Page 11 of 13

LOWELL, MA 01852 Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH) LIMS-BAT #: LIMT-23319

Date Received: 2/17/2009 Job Number: 115058

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

Sample ID: 09B04462 ‡Sampled: 2/17/2009

Not Specified

Sample Matrix: SOIL

Units Results Date Analyst RL SPEC Limit P/ F

Analyzed Lo Hi

Solids, total % 89.0 02/19/09 FD

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

Not Specified

Sample Matrix: SOIL

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

Solids, total % 83.6 02/19/09 FD

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

Sample ID: 09B04464 ‡Sampled: 2/17/2009

Not Specified

Sample Matrix: SOIL

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

Solids, total % 87.3 02/19/09 FD

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

Sample ID: 09B04465 ‡Sampled: 2/17/2009

Not Specified

Sample Matrix: SOIL

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

Solids, total % 59.6 02/19/09 FD

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

Not Specified

Sample Matrix: SOIL

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

 Solids, total
 %
 84.5
 02/19/09 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

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



DAVID SULLIVAN

TRC SOLUTIONS - LOWELL 2/23/2009 650 SUFFOLK STREET Page 12 of 13

Purchase Order No.: LOWELL, MA 01852

Project Location: CITY OF NEW BEDFORD (WALSH) LIMS-BAT #: LIMT-23319

Date Received: 2/17/2009 Job Number: 115058

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

Sample ID: 09B04466 **\$Sampled: 2/17/2009**

Not Specified

Sample Matrix: SOIL

	Units	Results	Date	Analyst	RL	SPEC	Limit	P/F
			Analyzed			Lo	Hi	
Solids, total	%	81.3	02/19/09	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

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



DAVID SULLIVAN

TRC SOLUTIONS - LOWELL 2/23/2009
650 SUFFOLK STREET Page 13 of 13

LOWELL, MA 01852 Purchase Order No.:

Project Location: CITY OF NEW BEDFORD (WALSH)

Date Received: 2/17/2009

LIMS-BAT #: LIMT-23319

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:	2/23/2009	Lims Bat #: LIMT-23319		Page 1 of	2
QC Batch Numbe	er: ICP-21205				
Sample Id	Analysis	QC Analysis	Values	Units	Limits
09B04453					
	Arsenic	Sample Amount	3.36	mg/kg dry wt	
		Duplicate Value	3.43	mg/kg dry wt	
		Duplicate RPD	2.24	%	0-35
		Sample Amount	3.36	mg/kg dry wt	
		Matrix Spk Amt Added	31.09	mg/kg dry wt	
		MS Amt Measured	34.12	mg/kg dry wt	
		Matrix Spike % Rec.	98.92	%	75-125
	Lead	Sample Amount	22.26	mg/kg dry wt	
		Duplicate Value	23.38	mg/kg dry wt	
		Duplicate RPD	4.93	%	0-35
		Sample Amount	22.26	mg/kg dry wt	
		Matrix Spk Amt Added	31.09	mg/kg dry wt	
		MS Amt Measured	51.06	mg/kg dry wt	
		Matrix Spike % Rec.	92.64	%	75-125
BLANK-129792					
	Arsenic	Blank	<2.50	mg/kg dry wt	
	Lead	Blank	<0.75	mg/kg dry wt	
FBLANK-91905					
	Arsenic	Lab Fort Blank Amt.	123.00	mg/kg dry wt	
		Lab Fort Blk. Found	125.02	mg/kg dry wt	
		Lab Fort Blk. % Rec.	101.64	%	80-120
		Dup Lab Fort Bl Amt.	123.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	122.75	mg/kg dry wt	
		Dup Lab Fort BI %Rec	99.79	%	80-120
		Lab Fort Blank Range	1.84	units	
		Lab Fort Bl. Av. Rec	100.71	%	
		LFB Duplicate RPD	1.83	%	0-30
	Lead	Lab Fort Blank Amt.	136.00	mg/kg dry wt	
		Lab Fort Blk. Found	127.11	mg/kg dry wt	
		Lab Fort Blk. % Rec.	93.46	%	82-118
		Dup Lab Fort Bl Amt.	136.00	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	127.55	mg/kg dry wt	
		Dup Lab Fort BI %Rec	93.78	%	82-118
		Lab Fort Blank Range	0.32	units	
		Lab Fort Bl. Av. Rec	93.62	%	
		LFB Duplicate RPD	0.34	%	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: 2/23/2009 Lims Bat #: LIMT-23319 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 ANA	ALYTICAL METHOD I	REPORT CERTI	FICATION FO	DRM	
Labo	ratory Name: CC	ON-TEST Analytic	cal Laboratory		Project #:	LIM	T-23319
Proje	ct Location: $\mathcal{C}_{\mathcal{C}}$	TY OF NEW	BEDFORD		MADEP R	TN ¹ :	,
This F	Form provides ce		following data set: 9804451-0986		Sample ID	Numl	ber(s)]
Samı	ole Matrices:	Groundwater 🔏	Soil/Sediment 🗆 🗈	Orinking Water	□ Other:		· · · · · · · · · · · · · · · · · · ·
МС	P SW-846	8260B()	8151A()	8330 ()	6010B	(M)	7470A/1A()
Met	thods Used	8270C ()	8081A ()	VPH()	6020	()	9014M ² ()
	ecified in MADEP	8082 ()	8021B ()	EPH()	7000 S ³	()	7196A()
Analyt	ical Methods. k all that apply)	2 M - SW-846 Me	acking Number (RTN) athod 9014 or MADEF thods 7000 Series L	Physiologically			(PAC) Method
An a	ffirmative resp	onse to question	s A, B, C and D is	required for "	Presumptiv	re Ce	rtainty" status
Α	· ·	-	ne laboratory in a dustody documentat			X	′es □ No¹
В	included in thi	s report followed arrative QC data	uired for the specif d, including the re that did not meet a	equirement to	note and	×	¥Yes □ No¹
С	for "Presumptiv (d) of the MAD	ve Certainty", as o EP document CA	port meet all the and described in Section M VII A, "Quality A dition and Reporting	n 2.0 (a), (b), (ssurance and (c) and Quality	Ź	′Yes □ No¹
D			Vas the VPH or EP see Section 11.3 o				Yes □ No ¹
	A response to c	questions E and	F below is require	d for "Presum	ptive Certa	inty"	status
E		ical QC performa ethods achieved?	nce standards and	recommendation	ons for	×	Yes □ No ¹
F	method(s) repo	rted?	compounds/eleme	·			Yes [≯] No¹
¹ AI	Negative respo	nses must be ado	lressed in an attach	ned Environmer	ital Laborato	ory ca	ase narrative.
inqui	ry of those re tical report is, t	sponsible for o to the best of my	pains and penaltie obtaining the info knowledge and b	ormation, the	material c	ontai	
Sign	ature:	ward Den	sen	Position: Te	chnical Dir	recto	
Print	ed Name: Edv	vard Denson		Date: 2/2	14/09		



Fax: 413-525-6405

Phone: 413-525-2332 CHAIN OF CUSTODY RECORD

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

	'	S Post	18	Ľs: S	ents or D	Special Requirements	Special F		☐ *24-Hr ☐ *48-Hr ☐ *72-Hr ☐ *4-Day	me; 16/4	Dale/Time;	~ ~ ,	(signature)	Received by (signature)	-m
ā	N = Nitric Acid	A = air)					*	HUSH *		Date/Time		by: (signature)	Relinquished by:	
ol III Na Filosoliale	M = Methanol	DW = drinking water	N D N	oject/RCP? XY	nt Project	Data Enhancement Pr	Data Ent	Other 5 day	N.	7-8 1600	27.2	THE TAXABLE PROPERTY OF THE PR			T
T No thing		WW- westowater		1		1				ime.	Date/		(signature)	Received by (signature)	7, 1
X = Na hydroxide	l = lced	GW= groundwater	72	5/11-5			Regulations?			1865 1	2/2/04				
on Codes:	**Preservation Codes:	*Matrix Code:	ents	Requirements	imit Rec		Detection	** bund	Turnaround **	ſime:	Date/Time:	!	by? (signature)	Relinquished by?	
	Vn	C - Clean; U - Unknown	H - High; M - Medium; L - Low;	- Mediu	- High; M	Ŧ									T
P	a specific sam	Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc . Code Box:	wing codes tion in Mat	the follo: oncentra	Please use be high in c) - -							omments:	Laboratory Comments:	1
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i C			X	×				1358		04457	2	(0-6)	Post-SK		T
- A			X	X				13414		25+140	9	(60-66)	Post -35 (-	T
P			X	K				1347		25+40		(03-12	Post - 35 64-60)		1
			×	<				1340		1277	26	48-54)	Post-35 (48-54)		T
MS (P.E.)	Ph.		X	X				1332		23 1113	Mished DOWN 57	(42-48) (Pro	Post-35 1		1
			X	<u> </u>	***************			1350		ts ± ± 5	100	(2h-72)	Post-35 (T
Comments:			×	X	2 5	8		1328	2/19/09	7	2	30-36)	Post-35 (30-36		T
			7		*Matrix Conc. Code Code	Grab C	Comp- osite	Step Date/Time	Start Date/Time	Lab # 098	Lab	ption	Sample Description	Field ID S	1
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	W, WA UIUZO	EAST ECHIGINEADOW, MA 01020				7	77	18/1-221p	s.com	Email: info@contestlabs.com	Emai	ANALYTICAL LABORATORY	ANALYTICA	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

ン う (

☐ *72-Hr ☐ *4-Day * Require lab approval

SL = sludge 0 = other

B = Sodium bisulfate

O = Other_



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CHAIN OF CUSTODY RECORD

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

	Fax: 413-525-6405		ラマ2/9		EAST LONGMEADOW, MA 01028	V, MA 01028	
PART CALL	www.contestlahs.com	~~~~					# of containers
Company Name: TRC		Telephone:(4岁) 6% < < < く	1	77		The second secon	**Preservation
Address: 650 S.A.L. S	St.	Project #//,5	*****	66			~Cont,Code
MA	01854	Client PO #			ANALYSIS REQUESTED	ESTED	-Cont. Code:
Attention: David Sullivan	2	DELIVERY (c	LANGE OF THE PARTY	2			A≔amber glass G≕glass
Project Location: CHyd NB [Milsh	sh)	Fax #: MEMAIL	OWEBSITE CLIENT	ieni ad			P=plastic ST=sterile
Sampled By: T. Salan Mars 1 H.	Rigger	Email: As Mounta trasaletions co	ž.	<u> </u>			V= viai
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Proposal Provided? (For Billing purposes)	State Form Required?	O OTHER		SL Tal			T=tedlar bag
▼ yes Zoo子 proposal date	X yes □ no	Date Sampled		oter ot			O=Other
Field ID Sample Description	Lab # 090	Start Step Date/Time	Comp- *Matrix Conc. osite Grab Code Code	76			
Post-3K (12-18)	04470	2/14/07 1402		X			<u>Client</u> Comments:
Post-3K (18-24)	04460	1404	~	×			
Rost-3K (24-35)	19440	14%		X			
Post-3K (3:-36)	491110	1408		×			
Post-3K (36-42)	014463	OTHI		×			
Rof-3K (42-48)	OHKEH	1412		×			>>1
Post-3K (48-54)	534110	J. 14.5		X			(Ki
Post-32 (6-12)	231110	2/.7/09 1439	8 8 8 X	X			[~ [©]
Laboratory Comments:			Please use the fol be high in concent	lowing codes t tration in Matri	use the following codes to let Con-Test know if a specific sample may in concentration in Matrix/Conc. Code Box:	specific sample ma	
		3077	H - Hig	Low;	C - Clean; U - Unknown		
Heinquished by: (signature)	Date/Fime:	lurnaround **	Limit Re	ments	*Matrix Code:	rvation (ides:
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	JUD-9 1600	Others 1/4	Data Enhancement Project/RCP? 🐧 Y 🛛 N	N D A X	DW = drinking water	lanol	
Relinguished by: Isignatura	Date/Time:	RUSH *			A = air	N = Nitric Acid	rama/mmr/wow
Received by (signature)	Qalje/Timp: /β/w	□ *72-Hr □ *4-Day			SL = sludge	🗷 = Sodium bisulfate	Ėφ
and organization and the second second		* Require lab approval			O = other	O = Other	

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



CHAIN OF CUSTODY RECORD

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

quished by: (signature) ived by: (signature) quished by: (signature) ived by: (signature) ived by: (signature)	Post-36 (42-48) (36/48) Post-36 (48-54) Post-36 (54-60) ratory Comments:		ect Location: CH, d MB (M) pled By: T Sandows H, K osal Provided? (For Billing purposes) yes 2007 proposal date d ID Sample Description Onthe 21 (17-16)	ntion: Tavid Sullivan	ress: 650 Suffelk St
Date/Time: Date/Time: Date			State Form Required? Myes 🗇 no	01854	www.contestlabs.com
Turnaround ** 7-Day 10-Day 10-Da	25h1 60/21/2 27h1/2 27h1/3	85h1 92h1 h2h1 225h1 W412	Fax #: Email: Email: Email: Email: Email: Excel Format: Excel OTHER Date Sampled Ster Date/Fine Date/Time	Client PO # DATA DELIVERY (check one):	Telephone:(478) 656 - 350; Project # 115055
Please use the following cool be high in concentration in M. H. High; M. Medium; L. L. Detection Limit Requirements Regulations? MLP 5-1/5-Z Data Enhancement Project/RCP? YY D Special Requirements or DL's: 42 Gyal	2 × × × × × × × × × × × × × × × × × × ×	7 7 2	THAX DEMAIL DWEBSITE CLIENT Fax #: Email: 25.11/1/24/07/04 1772.5 5/4/17, 2-75 **CC-7* Format: 15.11/1/24/07/04 1772.5 5/4/17, 2-75 **CC-7* Format: 15.11/1/24/07/04 1772.5 5/4/17, 2-75 **CC-7* Format: 15.11/1/24/07/04 1772.5 5/4/17 Conc. Date Sampled Start Start Step Date/Time Date/Time Osite Grab Code Co	eck one):	22525
Please use the following codes be high in concentration in Mate H - High; M - Medium; L - Low; Limit Requirements MCP 5-1/5-2 ment Project/RCP? XY IN	X	× × × ×	Total Lond	7	
be high in concentration in Matrix/Conc. Code Box: H - High; M - Medium; L - Low; C - Clean; U - Unknown Limit Requirements MCF 5-1/5-2 GW= groundwater M= HCL T= nent Project/RCP? Y IN DW= drinking water nent Project/RCP? Y IN DW= drinking water M = Methanol A = air N = Nitric Acid S = Sulfuric Acid				ANALYSIS REQU	
a specific sample may **Preservation Codes: I = loed	pus uspans			REQUESTED	
may may T = Na thiosulfate		Comments:	G=glass P=plastic ST=sterile V= vial S=summa can T=tedlar bag O=Other	~Cont.Code Cont. Code: A=amber glass	# of containers **Preservation

* Require lab approval ☐ *72-Hr ☐ *4-Day

SL = sludge

B = Sodium bisulfate S = Sulfuric Acid

yed by: (signature)



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CHAIN OF CUSTODY RECORD

EAST LONGMEADOW, MA 01028 39 SPRUCE ST, 2ND FLOOR Page 10 of 1

BRECT, TURNAROUND TIME WILL NOT STABT BINTIL ALL STITES	THAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE BECEINT IN THE TARTER SAMPLE BECEINT IN THE STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE BECEINT IN THE STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE BECEINT IN THE STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE BECEINT IN THE STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE BECEINT IN THE SAMPLE	Sign Days Ime:		_	Mary	Ō.	fully Mary Shirter 1800	quished by: (signature) Date/Time:		ratory Comments:	Post-3M (54-60)	1054-3M(48-54)	(8h-2h) 12C-183		0.1 31 (7, 13)	Past-34 (30-36)	Post-34 (18-24)	Vost-3M (12-18)	1057-8M(6-12)	3 ID Sample Description Lab #	1	State Form	osal Provided? (For Billing purpose)	pled By: T. Soundars H. K. 770	act Location: City of NB (Waish)	XIIO BY	mion: 7. 0 < 11.	161	ess: 650 50 FL 51	iparly Name: TRC	
The state of the s	Require lab approval		□ *24-Hr □ *48-Hr Special Requirements or DL's: 🛵 Glar		Z Chart	ineguiations; MC	Beginstinns W.A		be high in con	6	^	W W W 3255 W W	1516	hisi	21.61		1508		The Ison 6 2	Date/Time Date/Time osite Grab Code Code	te Sampled	5	Format: XEXCEL CI PDF	Email: ds.llivan@trsolotions.com	Fax#:Fax#:	DELIVERY (#	Project # // // //	Telephone:(975) 656 - 3565	
S NOT FILLE		SL = sludge	S = soil/solid	DW= drinking water	WW= wastewater	5-1/5-2 GW= groundwater	*Matrix Code;	H - High; M - Medium; L - Low; C - Clean; U - Unknown	be high in concentration in Matrix/Conc. Code Box:	X		<	×	X	×			X	× >>		ita 	<i>Q</i>	<u>A</u> <u>L</u>	156	d		ANALYSIS REQUESTED	<i>C C C C C C C C C C</i>		1 -	
DOUT COMBLETELY OF 15	O = Other	B - Sodium bioutet	N = Nitric Acid		H = HCL T = Na thiosulfate	I = Iced X = Na hydroxide	**Preservation Codes:		specific sample may	A P A A MARIA A A A A A A A A A A A A A A A A A A			***************************************	1				<u>Comments:</u>	Client	CIGI		S=summa can	V= vial	ST=sterile	P=plastic	A=amber glass		~Cont.Code	**Preservation	# of containers	

PRRECT, TURNAROUND TIME WILL NOT STABT BINTH ALL SUFERINGE.



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CHAIN OF CUSTODY RECORD

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

Page // of //

DRRECT, TURNAROUND TIME WILL NOT START HINTH ALL OFFICER FOR IS NOT FILLED OUT COMPLETE YOR IS	IRNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE DECEMPANT TO THE DAY AFTER DAY AFT	S = soil/solid	Data Enhancement Project/RCP? XY IN DW= drinking water A = air	Regulations? MCP S-1 K-Z GW= groundwater	Unknown	riease use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:	ratory Comments:			XXX 51, 61, 12 (2) (2) (2) (2) (2) (3) (3) (3) (3)	S 3 920 1341/2	Comp- *Matrix Conc.	yes Lucy proposal date Nyes no Date Sampled	State Form Required? ☐ OTHER	Format: XEXCEL OPDF XGISKEY	Fax#:	DATA DELIVERY (check one):	11 7 11 2810 4W	<u> </u>		Telephone: TRC Telephone: (978) /3/-2/2	Inchi Nama.
M IS NOT FILLED OUT COMPLETE! Y OR IS	her n other		M = Methanol	yroundwater $I = Iced$ $X = Na hydroxide$		nn-Test know if a specific sample may Code Box:		O'CHINA I			<u>Client</u>	0 =Other	T=tedlar bag	S=summa can	V= vial V=	Puplastic	A≔amber glass G≕glass		~Cont.Code	**Preservation	# of containers	



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CHAIN OF CUSTODY RECORD

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

T No this wife to	<u> </u>	WW= wastewater				Lu, Tu-Day	Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z		
X = Na hydroxide	l = lced X =	GW= groundwater	7.5	105 111	, redulations:		Date/Time:	nature)	ejved/by: (signature)
les:	**Preservation Codes:	*Matrix Code:) Hellis	1/5	Regulations?	7-Dav	003/6/4/2	(XIII)	Well
diameter 1		C - Clean; U - Unknown	TOW,	imit Bonico	Detection I	Turnaround **	Date/Time:	(signature)	rquished by (signature)
			im. I tour	H - High: M - Modium: I com	Ť				***************************************
	all aminor of the	concentration in Matrix/Conc. Code Box:	tration in Matr	be high in concent	; C7"				
	specific sample may	Please use the following codes to let Con-Test know if a specific sample may	lowing codes t	lease use the fol				ienis:	ratory Comments:
1			X	ション	٤-	5/14/00 10/12		(24-9) 95-1501	100
			>						D
1						0160 W		Post-3F (42-48)	O. K.
				<u> </u>		30%		Nost-24 (36-42)	Pos
P			\ \ \						7
1.						9360		Post-3F (30-36)	25
			$\frac{\times}{}$			habe		KOST-37 (74-30)	Fost
			1))
			\ \ \			2040		Post-37 (18-24)	Pos
			<u> </u>			0000		(81-21) 35-1501	15.21
Comments:				/ 2					<u> </u>
Client			<u>\</u>	5 11 5	7.	252 250	S. #	Cost-3F (6-12)	Post
			7:		Grab	Time !	Lab # D	Sample Description	o in
0=Other			ote	*Matrix Conc	Comp-I	Start Stop	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
T=tedlar bag			il	1		Date Sampled	X yes ☐ no	2007 proposal date	X yes Z
S=summa can			· /-		١,	O OTHER	State Form Required?	Josai Provided? (For Billing purposes)	Josai Provio
V= vial		-	Lo	~	AGG D	Format: X EXCEL		i	
ST=sterile			s an		" tresulation	Email: Usullivan to tresulctions for		TEP Samber 14	ipled By:
P=plastic			e e	··			Low Fraktorch (which) F	LANG	ect Location:
G=glass					OWEBSITE OF IENT	DFAX MEMAIL			
A=amber glass					heck one):	DATA DELIVERY (check one):		Lavid Sellivan	ntion:
-Cont. Code:	ESTED	ANALYSIS REQUESTED		The state of the s	And the first of t	CIECITO#	01834	My Monay	***
~Cont.Code			1	-	7	•			
**Preservation			+		7	Project # ソスタンへ	P	650 S.P. 050	ress:
# of containers			1	۱ ا	8252-88	Telephone:(478) (% -35% S		TRC	Pany Name.
				\Box			www.contestlabs.com		mony Name

JRNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIDT INII ECC TUEDE ADE OUTCOMES AND AND AND AND AND AND ADDRESS AN

Date/Time:

8181

☐ *72-Hr ☐ *4-Day ☐ *24-Hr ☐ *48-Hr RUSH *

Date/Time:

818

Other5.164

Data Enhancement Project/RCP? XY DN

Special Requirements or DL's: See Sure Leaves

S = soil/solid

 $\mathbf{A} = \operatorname{air}$

SL = sludge

B = Sodium bisulfate S = Sulfuric Acid N = Nitric Acid M = Methanol H= HCL

O = Other_

0 = other_

DW= drinking water

WW= wastewater

T = Na thiosulfate

iquished by: (signate

Signature)



Phone: 413-525-2332

Fax: 413-525-6405

Email: info@contestlabs.com

CHAIN OF CUSTODY RECORD

Page Zot //

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

nquished by: (signature) styledby: (signature) gwished by: (signature)	3	Post-36 (60-92) Post-36 (6-72) Post-36 (12-14)		wided? (For Billi	intion: The Sillinger lect Location: CHO A NB (WA) npled By: FIC & A 113	Iress: 650 Sufferile
Date/Time: 2/17/xj 1/cm Date/Time: 2-17 8 1600 Date/Time: Date/Time:				State Form Required? X yes no	(Walsh)	Www.contestlabs.com
Turnaround ** 7-Day Other 5/4, RUSH *	1/13/04 0457	5460 5460 7240 7240	2717/29 0922	Format: ASM/world Format: ASKCEL OOTHER Date Sampled Start Stop Date/Time Date/Time	DELIVERY (ch	Telephone:(9787 656 - 356 Project #
be high in concentration H - High; M - Medium; L Detection Limit Requirement: Regulations? MCP 5-1/5-2 Data Enhancement Project/RCP? 74	L S M		6 5	PDF XGIS KEY Comp- Comp- Cosite Grab Code Code	LIVERY (check one): XEMAIL OWEBSITE CLIENT	5.25.
be high in concentration in Matrix/Conc. Code Box. H - High; M - Medium; L - Low; C - Clean; U - Unkr. Limit Requirements MEP 5-1/5-2 GW= groundwater ment Project/RCP? TY ON DW= drinking wate A = air	he following codes to	X	× × ×	Total A-s Total Lica	enic d	CH-
Ix/Conc. Code Box: C - Clean; U - Unknown Matrix Code; GW= groundwater WW= wastewater DW= drinking water A = air	S i/L X X Please use the following codes to let Con-Test know if a specific sample.				ANALYSIS REQUESTED	
**Preservation Codes: I = ced	2000				ESTED	
T = Na thiosulfate			Client Comments:	V= vial S=summa can T=tedlar bag O=Other	-Cont. Code: A=amber glass G=glass P=plastic ST-result	# of containers **PreservationCont.Code

JRNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER CAMBLE DECEMENT THE PARTY OF THE P

Date/Time: /f//

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

Date/Time: ジールタ

8/8/

Special Requirements or DL's: See Suct

M = Methanol N = Nitric Acid

S = Sulfuric Acid B = Sodium bisulfate

0 = other SL = sludge S = soil/solid A = air

0 = Other

(Sugnature)



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CHAIN OF CUSTODY RECORD

EAST LONGMEADOW, MA 01028

39 SPRUCE ST, 2ND FLOOR

RE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLS	IL's: See Austic S = soil/solid SL = sludge	Other 2 de Data Enhancement Project/RCP? XY IN DW= drinking water A = air	re: 10-Day Regulations? MCP < 1/5-2 GW= groundwater	Turnaround ** Detection Limit Requirements		(6-12) c/12/09 1050 6 5 W	X	X (92-69)	(54-60)	1014 (Nos	(42-48) (41-2h)	(36-42)	(30-36) chips 0156 6 5 6	d ID Sample Description Lab # Step Comp- Matrix Conc. \\ \(\) \\ \\ \ \\ \ \ \\ \ \ \ \ \ \	proposal date yes I no Date Sampled	State Form Required?	Format: ASUIT WAR TUSSITIONS OF	off Single terrorists of the same of the s	GFAX XEMAIL DWEBSITE CLIENT		Lowell MA DISSY Client PO# ANALYSIS REQUESTED	650 2 trolk St. Project # 115058 66	\
O = Other	S = Sulfuric Acid B = Sodium bisulfate	H = HCL M = Methanol		Unknown	know if a specific sample may Box:					(Acs MS/Regi.)		Comments	Client	0=Other	T≕tedlar bag	S=summa can	V= vial	P=plastic	G=glass	A=amber glass		**Preservation	The or containers



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CHAIN OF CUSTODY RECORD

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

RNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON Y	Quished by: (signature) Date/Time: Date/Time: A-17: 7 /6/0 Chersily RUSH * RUSH * Pafe/Time: (\$/\$ Chersily RUSH * RUSH * Pafe/Time: (\$/\$ Chersily ROUTH Cher	quished by: (signature) Date/Time: Turnaround ** Turnaround ** Turnaround ** Turnaround ** Date/Time: 10-Day		1201 Post - 3H (S4-60) 2/17/09 1120	Post-314 (48-54) 1102	phis	(3+-3H (32) 1058	(24-42)	8054-34 (15-70) 1/17/07 1052	ription Lab # Da	Yes 2007 proposal date Yyes I no Date Sampled	Email: 6	ion: City of NOB (walsh)	Scillivan DATA DE	Client PO #	ress: 650 5,46k <+ Project # 1.50 556	Telephone (# 7cx
ERE ARE QUESTIONS ON YOU	Data Enhancement Project/RCP? XY	Detection I	Please use the be high in conc	N 5 D					250	Comp- Matrix Conc.	R	Sultiven a tresolitions you	- DWEBSITE CLIENT	(check one):	13630	ひんがから	Land the form
R CHAIN. IF THIS	M z	H・High; M・Medium; L・Low; C Limit Requirements パント ミー/ ビーフ	the following codes to let Con-Test know concentration in Matrix/Conc. Code Box:	× ;	× × < ×	× ;	< × × × 	X	X	Tot	ho the	Avs Loa	anie D		9 6	-}-	
NOT FILLE	WW= wastewater P DW= drinking water N A = air N S = soil/soild S SL = studge B	mown	Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:											ANALYSIS REQUESTED			
O = Other	H = HCL T = N M = Methanol N = Nitric Acid S = Sulfuric Acid B = Sodium bisulfate	**Preservation Codes:	specific sample may		(ALS MS/Bugi.									ESTED			
) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	▼ = Na thiosulfate	Codes: X = Na hydroxide							Client	0=Other	S=summa can T=tedlar bag	ST=sterile V= viai	G≕glass P≕plastic	<u>-Cont. Code:</u> A=amber glass	~Cont.Code	**Preservation	# of containers



CHAIN OF CUSTODY RECORD

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

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

3.0	ect Location: C. t-y ABS (L. pled By: T. Saunck-s / H. vosal Provided? (For Billing purposes) Yes 7277 proposal date d ID Sample Description Post -3I (12-18) Post -3I (18-24) Post -3I (18-24) Post -3I (18-34) Post -3I (18-34)	Name: TRC 650 Sc
Date/Time: Date/Time: Date/Time: 2-17-5 1616 Date/Time: Pate/Time: Pate/Time: Pate/Time:		Www.contestlabs.com
Turnaround ** 7-Day 10-Day Other5 lay RUSH * *24-Hr		Telephone:(778') 636-3375 Project # 115655 Client PO #
Detection Limit Requirements Regulations? MCf 5-1/5-7 Data Enhancement Project/RCP? Xf y ロト Special Requirements or DL's: シェ もいた		15055-
IN ON SE	onc. onc. onc. onc. onc. onc. onc. onc.	6 K -
*Matrix Code: GW= groundwater WW= wastewater DW= drinking water A = air S = soil/solid SL = sludge	o let Con-Test know if a x/Conc. Code Box:	ANALYSIS REQUESTED
**Preservation (I =		JESTED
Codes: X = Na hydroxide T = Na thiosulfate	A=amber glass G=glass P=plastic S1=sterile V= vial S=summa can T=tediar bag O=Other Client Comments:	# of containers "Preservation "Cont.Code

RNAROUND 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 COMM.

SL = sludge



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CHAIN OF CUSTODY RECORD

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

RNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECE			A STATE OF THE PARTY OF THE PAR		ived by: (signature)	in The Min	quished by (signature)			Pest-35 (24-30)	Post-35 (18-24)	(est-50 (12-18)		`	Post-35 (02)	80st-35-160-66)	12-12-160-CD)	_	Post-31 (cutio)	d ID Sample Description		Ves Ves	osal Providado (Est Dilling Time)	pled By: J. Sundres / H.	ion: City NB (mon: Hand Sulvan	Lowell);	1888: 650 SARIC	party realities. The	Dany Name:
DAY AFTER SAMPLE RI	21816916	8/3/		1-17-3 1600	Date/Time:	17/29 16 000	Date/Time:					Minday Managara Caranta Carant								Lab#	X yes ☐ no	State Form Required?		CATE	Walsh)	7	01834	_ , , , , ,)	7	And the second s	www.contestlabs.com
AFTER SAMPLE RECEIPT UNLESS THERE	* Remite Ish assessed		RUSH *		10-Day		4		111/11 1366		M 1321	7 322	0281	13:18		1715	1704	2021 100/11/2		D	Date Sampled	O OTHER		Aschiven Co	Fax #:	DELIVERY (CHEINI PO#	Client BO #	Project # = N	Telephone:(978) ごろ - ママス	
ARE QUESTIONS ON Y		Special Requirements or DL's:		Data Enhancement Project/Bons &	negulations? MCI/		H - High; N	be high in	N 5 9	* 0								1 5 9	GIAD Code	*Matrix	The state of the s		O PDF XGIS KEY	trasolations com	DWEBSITE CLIENT	eck one):		20	15.00 C	るるなく	
OUR CHAIN. IF THI		H's: Le Out	PRCT: MY UN	1	2-11-5		Low;	r lease use the following codes to let Con-Test know be high in concentration in Matrix/Conc. Code Box:	X	7		` ×	*	× ×		X	× ×	x X	Code		ter			-54 -64	nic D	And the second		100		\ -	
NOT FILL F	SL = sludge	S = soil/solid	DW= drinking water	WW= wastewater	GW= groundwater	*Matrix Code:	C - Clean; U · Unknown	be high in concentration in Matrix/Conc. Code Box:									1										ANALYSIS REQUESTED				
O = Other	B = Sodium hisulfate	N = Nitric Acid		H=HCL T=	l = lced X =	**Preservation Codes		specific sample may																			ESTED				
5)1				T = Na thiosulfate	X = Na hydroxide	8	et de la constant de		1							I,	Comments:	Client		O=Other	T=tedlar bag	S=summa can	V= vial	ST=sterile	G=glass P=plastic	A-amber glass	~Cont. Code:	~Cont.Code	**Preservation	# of containers	

RRECT, TURNAROUND TIME WILL NOT START HINTH ALL OFFICERS TO THE START HINTH ALL OFFICERS

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



Sample Receipt Checklist

East Longmeadow, MA. 01028

P: 413-525-2332

F: 413-525-6405

CLIENT NAME: TPU		RECEIVED BY:	Ct C	_DATE: 2/1//////
1) Was the chain(s) of custo	dy relinquished and sig	gned?	(Yes No	
2) Does the chain agree with If not, explain:	the samples?		Yes No	
3) Are all the samples in goo If not, explain:	d condition?		Ves ^X No	
4) How were the samples rec On Ice Direct from	eived: m Sampling 🏻	Ambient	In Cooler(s)	
Were the samples received in	Temperature Complia	ince of (2-6°C)?	Yes No	
Temperature °C by Temp blank	3.00	Temperature °C b	y Temp gun	
5) Are there Dissolved sample	es for the lab to filter?		Yes No	
Who was notified	Date	Time		promotion and a second
6) Are there any samples "On	Hold"?		Yes (No	Stored where:
7) Are there any RUSH or SHC	RT HOLDING TIME sai	mples?	Yes (No	
Who was notified	Date	Time		
B) Location where samples are				tract samples? Yes No
	stored:	[(Walk-	in clients only) i	f not already approved
		Client	Cianatura	• • • •
		Cilent.	Signature:	
	Containers se	nt in to Cor	i-Test	
	# of containers			# of containers
1 Liter Amber		80	z clear jar	
500 mL Amber		4 02	z clear jar	86
250 mL Amber (8oz amber)	Table 1	2 02	z clear jar	
1 Liter Plastic	+	Othe	r glass jar	
500 mL Plastic		Plastic	Bag / Ziploc	
250 mL plastic		Air	Cassette	
40 mL Vial - type listed below		Bras	s Sleeves	
Colisure / bacteria bottle			ubes	
Dissolved Oxygen bottle		Sum	ma Cans	
Flashpoint bottle		Rec	gulators	
Encore			Other .	
poratory Comments:				**************************************
mL vials: # HCI	# Methanol			
# Bisulfate	# DI Water	Time and	i Date Frozen:	
# Thiosulfate	Unpreserved			