



39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

REPORT DATE 3/12/2009

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

CONTRACT NUMBER:  
PURCHASE ORDER NUMBER:

PROJECT NUMBER:

**ANALYTICAL SUMMARY**

LIMS BAT #: LIMIT-23844

JOB NUMBER: 115058

PROJECT LOCATION: CITY OF NEW BEDFORD

| FIELD SAMPLE # | LAB ID   | MATRIX | SAMPLE DESCRIPTION | TEST             | Subcontract Lab (if any) Cert. Nos. |
|----------------|----------|--------|--------------------|------------------|-------------------------------------|
| WFE5(0-1)      | 09B07318 | SOIL   | Not Specified      | pb (mg/kg)dw icp |                                     |
| WFE5(0-1)      | 09B07318 | SOIL   | Not Specified      | solids (percent) |                                     |
| WFE5(1-3)      | 09B07319 | SOIL   | Not Specified      | pb (mg/kg)dw icp |                                     |
| WFE5(1-3)      | 09B07319 | SOIL   | Not Specified      | solids (percent) |                                     |
| WFE5J(0-1)     | 09B07320 | SOIL   | Not Specified      | pb (mg/kg)dw icp |                                     |
| WFE5J(0-1)     | 09B07320 | SOIL   | Not Specified      | solids (percent) |                                     |
| WFE5J(1-3)     | 09B07321 | SOIL   | Not Specified      | pb (mg/kg)dw icp |                                     |
| WFE5J(1-3)     | 09B07321 | SOIL   | Not Specified      | solids (percent) |                                     |
| WFE5K(0-1)     | 09B07322 | SOIL   | Not Specified      | pb (mg/kg)dw icp |                                     |
| WFE5K(0-1)     | 09B07322 | SOIL   | Not Specified      | solids (percent) |                                     |
| WFE5K(1-3)     | 09B07323 | SOIL   | Not Specified      | pb (mg/kg)dw icp |                                     |
| WFE5K(1-3)     | 09B07323 | SOIL   | Not Specified      | solids (percent) |                                     |
| WFE5L(0-1)     | 09B07324 | SOIL   | Not Specified      | pb (mg/kg)dw icp |                                     |
| WFE5L(0-1)     | 09B07324 | SOIL   | Not Specified      | solids (percent) |                                     |
| WFE5L(1-3)     | 09B07325 | SOIL   | Not Specified      | pb (mg/kg)dw icp |                                     |
| WFE5L(1-3)     | 09B07325 | SOIL   | Not Specified      | solids (percent) |                                     |
| WFE5Z(0-1)     | 09B07326 | SOIL   | Not Specified      | pb (mg/kg)dw icp |                                     |
| WFE5Z(0-1)     | 09B07326 | SOIL   | Not Specified      | solids (percent) |                                     |



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ANALYTICAL SUMMARY

LIMS BAT #: LIMIT-23844  
JOB NUMBER: 115058

Comments :

LIMS BATCH NO. : LIMIT-23844

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

A duplicate and matrix spike were performed on sample 09B07318.  
Only Pb was requested and reported.

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

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

|                           |                                 |                                 |
|---------------------------|---------------------------------|---------------------------------|
| AIHA 100033               | AIHA ELLAP (LEAD) 100033        | NORTH CAROLINA CERT. # 652      |
| MASSACHUSETTS MA0100      | NEW HAMPSHIRE NELAP 2516        | NEW JERSEY NELAP NJ MA007 (AIR) |
| CONNECTICUT PH-0567       | VERMONT DOH (LEAD) No. LL015036 | FLORIDA DOH E871027 (AIR)       |
| NEW YORK ELAP/NELAP 10899 | RHODE ISLAND (LIC. No. 112)     |                                 |

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

*Edward Denson* 3/12/09

SIGNATURE

DATE

Tod Kopyscinski  
Air Laboratory Manager

Michael Erickson  
Assistant Laboratory Director

Edward Denson  
Technical Director

Daren Damboragian  
Organics Department Supervisor

\* See end of data tabulation for notes and comments pertaining to this sample



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Purchase Order No.:

Project Location: CITY OF NEW BEDFORD

LIMS-BAT #: LIMIT-23844

Date Received: 3/11/2009

Job Number: 115058

Field Sample #: WFE5I(0-1)

Sample ID: 09B07318      ‡Sampled : 3/11/2009  
 Not Specified

Sample Matrix: SOIL

|      | Units        | Results | Date Analyzed | Analyst | RL   | SPEC Limit |    | P/ F |
|------|--------------|---------|---------------|---------|------|------------|----|------|
|      |              |         |               |         |      | Lo         | Hi |      |
| Lead | mg/kg dry wt | 217     | 03/12/09      | OP      | 1.12 |            |    |      |

Field Sample #: WFE5I(1-3)

Sample ID: 09B07319      ‡Sampled : 3/11/2009  
 Not Specified

Sample Matrix: SOIL

|      | Units        | Results | Date Analyzed | Analyst | RL   | SPEC Limit |    | P/ F |
|------|--------------|---------|---------------|---------|------|------------|----|------|
|      |              |         |               |         |      | Lo         | Hi |      |
| Lead | mg/kg dry wt | 1250    | 03/12/09      | OP      | 1.20 |            |    |      |

Field Sample #: WFE5J(0-1)

Sample ID: 09B07320      ‡Sampled : 3/11/2009  
 Not Specified

Sample Matrix: SOIL

|      | Units        | Results | Date Analyzed | Analyst | RL   | SPEC Limit |    | P/ F |
|------|--------------|---------|---------------|---------|------|------------|----|------|
|      |              |         |               |         |      | Lo         | Hi |      |
| Lead | mg/kg dry wt | 108     | 03/12/09      | OP      | 1.03 |            |    |      |

Field Sample #: WFE5J(1-3)

Sample ID: 09B07321      ‡Sampled : 3/11/2009  
 Not Specified

Sample Matrix: SOIL

|      | Units        | Results | Date Analyzed | Analyst | RL   | SPEC Limit |    | P/ F |
|------|--------------|---------|---------------|---------|------|------------|----|------|
|      |              |         |               |         |      | Lo         | Hi |      |
| Lead | mg/kg dry wt | 1490    | 03/12/09      | OP      | 1.49 |            |    |      |

Field Sample #: WFE5K(0-1)

Sample ID: 09B07322      ‡Sampled : 3/11/2009  
 Not Specified

Sample Matrix: SOIL

|      | Units        | Results | Date Analyzed | Analyst | RL   | SPEC Limit |    | P/ F |
|------|--------------|---------|---------------|---------|------|------------|----|------|
|      |              |         |               |         |      | Lo         | Hi |      |
| Lead | mg/kg dry wt | 142     | 03/12/09      | OP      | 1.07 |            |    |      |

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

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



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Purchase Order No.:

Project Location: CITY OF NEW BEDFORD

LIMS-BAT #: LIMIT-23844

Date Received: 3/11/2009

Job Number: 115058

Field Sample #: WFE5K(1-3)

Sample ID: 09B07323 ±Sampled: 3/11/2009  
 Not Specified

Sample Matrix: SOIL

|      | Units        | Results | Date Analyzed | Analyst | RL   | SPEC Limit |    | P/ F |
|------|--------------|---------|---------------|---------|------|------------|----|------|
|      |              |         |               |         |      | Lo         | Hi |      |
| Lead | mg/kg dry wt | 482     | 03/12/09      | OP      | 1.32 |            |    |      |

Field Sample #: WFE5L(0-1)

Sample ID: 09B07324 ±Sampled: 3/11/2009  
 Not Specified

Sample Matrix: SOIL

|      | Units        | Results | Date Analyzed | Analyst | RL   | SPEC Limit |    | P/ F |
|------|--------------|---------|---------------|---------|------|------------|----|------|
|      |              |         |               |         |      | Lo         | Hi |      |
| Lead | mg/kg dry wt | 219     | 03/12/09      | OP      | 1.20 |            |    |      |

Field Sample #: WFE5L(1-3)

Sample ID: 09B07325 ±Sampled: 3/11/2009  
 Not Specified

Sample Matrix: SOIL

|      | Units        | Results | Date Analyzed | Analyst | RL   | SPEC Limit |    | P/ F |
|------|--------------|---------|---------------|---------|------|------------|----|------|
|      |              |         |               |         |      | Lo         | Hi |      |
| Lead | mg/kg dry wt | 277     | 03/12/09      | OP      | 1.44 |            |    |      |

Field Sample #: WFE5Z(0-1)

Sample ID: 09B07326 ±Sampled: 3/11/2009  
 Not Specified

Sample Matrix: SOIL

|      | Units        | Results | Date Analyzed | Analyst | RL   | SPEC Limit |    | P/ F |
|------|--------------|---------|---------------|---------|------|------------|----|------|
|      |              |         |               |         |      | Lo         | Hi |      |
| Lead | mg/kg dry wt | 239     | 03/12/09      | OP      | 1.08 |            |    |      |

Analytical Method:  
 SW846 3050/6010

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

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Purchase Order No.:

Project Location: CITY OF NEW BEDFORD

LIMS-BAT #: LIMIT-23844

Date Received: 3/11/2009

Job Number: 115058

Field Sample #: WFE5I(0-1)

Sample ID: 09B07318 ±Sampled: 3/11/2009  
 Not Specified

Sample Matrix: SOIL

|               | Units | Results | Date Analyzed | Analyst | RL | SPEC Limit<br>Lo Hi | P/ F |
|---------------|-------|---------|---------------|---------|----|---------------------|------|
| Solids, total | %     | 67.1    | 03/12/09      | FD      |    |                     |      |

Field Sample #: WFE5I(1-3)

Sample ID: 09B07319 ±Sampled: 3/11/2009  
 Not Specified

Sample Matrix: SOIL

|               | Units | Results | Date Analyzed | Analyst | RL | SPEC Limit<br>Lo Hi | P/ F |
|---------------|-------|---------|---------------|---------|----|---------------------|------|
| Solids, total | %     | 62.5    | 03/12/09      | FD      |    |                     |      |

Field Sample #: WFE5J(0-1)

Sample ID: 09B07320 ±Sampled: 3/11/2009  
 Not Specified

Sample Matrix: SOIL

|               | Units | Results | Date Analyzed | Analyst | RL | SPEC Limit<br>Lo Hi | P/ F |
|---------------|-------|---------|---------------|---------|----|---------------------|------|
| Solids, total | %     | 72.9    | 03/12/09      | FD      |    |                     |      |

Field Sample #: WFE5J(1-3)

Sample ID: 09B07321 ±Sampled: 3/11/2009  
 Not Specified

Sample Matrix: SOIL

|               | Units | Results | Date Analyzed | Analyst | RL | SPEC Limit<br>Lo Hi | P/ F |
|---------------|-------|---------|---------------|---------|----|---------------------|------|
| Solids, total | %     | 50.6    | 03/12/09      | FD      |    |                     |      |

Field Sample #: WFE5K(0-1)

Sample ID: 09B07322 ±Sampled: 3/11/2009  
 Not Specified

Sample Matrix: SOIL

|               | Units | Results | Date Analyzed | Analyst | RL | SPEC Limit<br>Lo Hi | P/ F |
|---------------|-------|---------|---------------|---------|----|---------------------|------|
| Solids, total | %     | 70.1    | 03/12/09      | FD      |    |                     |      |

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Purchase Order No.:

Project Location: CITY OF NEW BEDFORD

LIMS-BAT #: LIMIT-23844

Date Received: 3/11/2009

Job Number: 115058

Field Sample #: WFE5K(1-3)

Sample ID: 09B07323 ±Sampled: 3/11/2009  
 Not Specified

Sample Matrix: SOIL

|               | Units | Results | Date Analyzed | Analyst | RL | SPEC Limit<br>Lo Hi | P/ F |
|---------------|-------|---------|---------------|---------|----|---------------------|------|
| Solids, total | %     | 57.2    | 03/12/09      | FD      |    |                     |      |

Field Sample #: WFE5L(0-1)

Sample ID: 09B07324 ±Sampled: 3/11/2009  
 Not Specified

Sample Matrix: SOIL

|               | Units | Results | Date Analyzed | Analyst | RL | SPEC Limit<br>Lo Hi | P/ F |
|---------------|-------|---------|---------------|---------|----|---------------------|------|
| Solids, total | %     | 63.0    | 03/12/09      | FD      |    |                     |      |

Field Sample #: WFE5L(1-3)

Sample ID: 09B07325 ±Sampled: 3/11/2009  
 Not Specified

Sample Matrix: SOIL

|               | Units | Results | Date Analyzed | Analyst | RL | SPEC Limit<br>Lo Hi | P/ F |
|---------------|-------|---------|---------------|---------|----|---------------------|------|
| Solids, total | %     | 52.2    | 03/12/09      | FD      |    |                     |      |

Field Sample #: WFE5Z(0-1)

Sample ID: 09B07326 ±Sampled: 3/11/2009  
 Not Specified

Sample Matrix: SOIL

|               | Units | Results | Date Analyzed | Analyst | RL | SPEC Limit<br>Lo Hi | P/ F |
|---------------|-------|---------|---------------|---------|----|---------------------|------|
| Solids, total | %     | 69.9    | 03/12/09      | FD      |    |                     |      |

Analytical Method:

SM 2540G

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

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

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Purchase Order No.:

Project Location: CITY OF NEW BEDFORD  
Date Received: 3/11/2009

LIMS-BAT #: LIMIT-23844  
Job Number: 115058

\*\* END OF REPORT \*\*

RL = Reporting Limit

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

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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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**QC SUMMARY REPORT**

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Method Blanks

Report Date: 3/12/2009

Lims Bat # : LIMIT-23844

Page 1 of 2

QC Batch Number: ICP-21337

| Sample Id     | Analysis | QC Analysis          | Values | Units        | Limits |
|---------------|----------|----------------------|--------|--------------|--------|
| 09B07318      | Lead     | Sample Amount        | 216.88 | mg/kg dry wt |        |
|               |          | Duplicate Value      | 185.76 | mg/kg dry wt |        |
|               |          | Duplicate RPD        | 15.45  | %            | 0-35   |
|               |          | Sample Amount        | 216.88 | mg/kg dry wt |        |
|               |          | Matrix Spk Amt Added | 37.25  | mg/kg dry wt |        |
|               |          | MS Amt Measured      | 252.74 | mg/kg dry wt |        |
|               |          | Matrix Spike % Rec.  | 96.23  | %            | 75-125 |
| BLANK-130529  | Lead     | Blank                | <0.75  | mg/kg dry wt |        |
| LFBLANK-92718 | Lead     | Lab Fort Blank Amt.  | 136.00 | mg/kg dry wt |        |
|               |          | Lab Fort Blk. Found  | 133.54 | mg/kg dry wt |        |
|               |          | Lab Fort Blk. % Rec. | 98.19  | %            | 82-118 |
|               |          | Dup Lab Fort Bl Amt. | 136.00 | mg/kg dry wt |        |
|               |          | Dup Lab Fort Bl. Fnd | 136.51 | mg/kg dry wt |        |
|               |          | Dup Lab Fort Bl %Rec | 100.37 | %            | 82-118 |
|               |          | Lab Fort Blank Range | 2.18   | units        |        |
|               |          | Lab Fort Bl. Av. Rec | 99.28  | %            |        |
|               |          | LFB Duplicate RPD    | 2.19   | %            | 0-30   |



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### QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates                      BATCH QC: Lab fortified Blanks and Duplicates  
Sample Matrix Spikes and Matrix Spike Duplicates                      Standard Reference Materials and Duplicates  
Method Blanks

Report Date: 3/12/2009                      Lims Bat #: LIMIT-23844                      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                      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  
Lab Fort Blk % Rec                      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

**MADEP MCP ANALYTICAL METHOD REPORT CERTIFICATION FORM**

|                                                        |                              |
|--------------------------------------------------------|------------------------------|
| Laboratory Name: <b>CON-TEST Analytical Laboratory</b> | Project #: <u>L1MT-23844</u> |
| Project Location: <u>CITY OF NEW BEDFORD</u>           | MADEP RTN <sup>1</sup> :     |

This Form provides certifications for the following data set: [list Laboratory Sample ID Number(s)]

09B07318-09B07326.

Sample Matrices:    Groundwater    Soil/Sediment    Drinking Water    Other: \_\_\_\_\_

|                                                                                                                                                                                                                                               |           |           |          |                                           |                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|----------|-------------------------------------------|------------------------|
| <b>MCP SW-846 Methods Used</b>                                                                                                                                                                                                                | 8260B ( ) | 8151A ( ) | 8330 ( ) | 6010B <input checked="" type="checkbox"/> | 7470A/1A ( )           |
|                                                                                                                                                                                                                                               | 8270C ( ) | 8081A ( ) | VPH ( )  | 6020 ( )                                  | 9014M <sup>2</sup> ( ) |
| As specified in MADEP Compendium of Analytical Methods.<br>(check all that apply)                                                                                                                                                             | 8082 ( )  | 8021B ( ) | EPH ( )  | 7000 S <sup>3</sup> ( )                   | 7196A ( )              |
| <sup>1</sup> List Release Tracking Number (RTN), if known<br><sup>2</sup> M – SW-846 Method 9014 or MADEP Physiologically Available Cyanide (PAC) Method<br><sup>3</sup> S – SW-846 Methods 7000 Series   List individual method and analyte. |           |           |          |                                           |                        |

**An affirmative response to questions A, B, C and D is required for "Presumptive Certainty" status**

|          |                                                                                                                                                                                                                                                                                                     |                                                                                  |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| <b>A</b> | Were all samples received by the laboratory in a condition consistent with that described on the Chain-of-Custody documentation for the data set?                                                                                                                                                   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup> |
| <b>B</b> | Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?                                                 | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup> |
| <b>C</b> | Does the data included in this report meet all the analytical requirements for "Presumptive Certainty", as described in Section 2.0 (a), (b), (c) and (d) of the MADEP document CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup> |
| <b>D</b> | <b><u>VPH and EPH Methods only:</u></b> Was the VPH or EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)                                                                                                                                              | <input type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>            |

**A response to questions E and F below is required for "Presumptive Certainty" status**

|          |                                                                                                      |                                                                                  |
|----------|------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| <b>E</b> | Were all analytical QC performance standards and recommendations for the specified methods achieved? | <input type="checkbox"/> Yes <input type="checkbox"/> No <sup>1</sup>            |
| <b>F</b> | Were results for all analyte-list compounds/elements for the specified method(s) reported?           | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <sup>1</sup> |

<sup>1</sup> All Negative responses must be addressed in an attached Environmental Laboratory case narrative.

**I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.**

|                                    |                                     |
|------------------------------------|-------------------------------------|
| Signature: <u>Edward Denson</u>    | Position: <b>Technical Director</b> |
| Printed Name: <b>Edward Denson</b> | Date: <u>3/12/09</u>                |



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

**CHAIN OF CUSTODY RECORD**

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

Company Name: TRC

Address: 650 Safford St, Lowell MA 01854

Attention: Dave Sullivan

Project Location: City of New Bedford

Sampled By: Rob Paulin + Charlie Fisher

Proposal Provided? (For Billing purposes)  yes  no

State Form Required?  yes  no

Telephone: 978 970 5600

Project # 115058

Client PO #         

DATA DELIVERY (check one):  
 FAX  EMAIL  WEBSITE CLIENT

Fax #:         

Email: dsullivan@TRCSolutions.com

Format:  EXCEL  PDF  GIS KEY  OTHER

| Field ID     | Sample Description | Lab # | Date Sampled       |                   | Comp-<br>osite | Grab | *Matrix   Conc.<br>Code   Code | ANALYSIS REQUESTED | # of containers |
|--------------|--------------------|-------|--------------------|-------------------|----------------|------|--------------------------------|--------------------|-----------------|
|              |                    |       | Start<br>Date/Time | Stop<br>Date/Time |                |      |                                |                    |                 |
| WFES I (0-1) | 07318              | 07318 | 3-11-09            | 1400              | X              | S    | 1                              | X                  |                 |
| WFES I (1-3) | 07319              | 07319 | 3-11-09            | 1405              | X              | S    | 1                              | X                  |                 |
| WFES J (0-1) | 07320              | 07320 | 3-11-09            | 1415              | X              | S    | 1                              | X                  |                 |
| WFES J (1-3) | 07321              | 07321 | 3-11-09            | 1420              | X              | S    | 1                              | X                  |                 |
| WFES K (0-1) | 07322              | 07322 | 3-11-09            | 1430              | X              | S    | 1                              | X                  |                 |
| WFES K (1-3) | 07324              | 07324 | 3-11-09            | 1435              | X              | S    | 1                              | X                  |                 |
| WFES L (0-1) | 07325              | 07325 | 3-11-09            | 1445              | X              | S    | 1                              | X                  |                 |
| WFES L (1-3) | 07326              | 07326 | 3-11-09            | 1450              | X              | S    | 1                              | X                  |                 |

Laboratory Comments: Please hold all sample at 4°C until analysis

Refilled by (signature) [Signature] Date/Time: 03/11/09 1505

Received by (signature) [Signature] Date/Time: 3/11/09 1505

Relinquished by (signature) [Signature] Date/Time: 3-11-09 1737

Received by (signature) [Signature] Date/Time: 3/11/09 1737

Turnaround \*\*  
 7-Day  
 10-Day  
 RUSH \*3  
 \*24-Hr  \*48-Hr  
 \*72-Hr  \*4-Day  
 \* Require lab approval

Detection Limit Requirements  
 Regulations? MCP 5-1, 5-2

\*Matrix Code:  
 GW = groundwater  
 WW = wastewater  
 DW = drinking water  
 A = air  
 S = soil/solid  
 SL = sludge  
 O = other

\*\*Preservation Codes:  
 I = Iod  
 H = HCL  
 M = Methanol  
 N = Nitric Acid  
 S = Sulfuric Acid  
 B = Sodium bisulfate  
 O = Other

X = Na hydroxide  
 T = Na thiosulfate

Client Comments: Lead. 106

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



www.contestlabs.com



39 Spruce St.  
East Longmeadow, MA.  
01028  
P: 413-525-2332  
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**Sample Receipt Checklist**

CLIENT NAME: TRE Low RECEIVED BY: CEC DATE: 3/11/08

1) Was the chain(s) of custody relinquished and signed?  Yes  No

2) Does the chain agree with the samples?  Yes  No  
If not, explain:

3) Are all the samples in good condition?  Yes  No  
If not, explain:

4) How were the samples received:

On Ice  Direct from Sampling  Ambient  In Cooler(s)

Were the samples received in Temperature Compliance of (2-6°C)?  Yes  No

Temperature °C by Temp blank 3.0 Temperature °C by Temp gun \_\_\_\_\_

5) Are there Dissolved samples for the lab to filter? Yes  No

Who was notified \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

6) Are there any samples "On Hold"? Yes  No  Stored where:

7) Are there any RUSH or SHORT HOLDING TIME samples? Yes  No

Who was notified \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

8) Location where samples are stored:

Permission to subcontract samples? Yes  No   
(Walk-in clients only) if not already approved  
Client Signature: \_\_\_\_\_

**Containers sent in to Con-Test**

|                                | # of containers |                      | # of containers |
|--------------------------------|-----------------|----------------------|-----------------|
| 1 Liter Amber                  |                 | 8 oz clear jar       | 9               |
| 500 mL Amber                   |                 | 4 oz clear jar       |                 |
| 250 mL Amber (8oz amber)       |                 | 2 oz clear jar       |                 |
| 1 Liter Plastic                |                 | Other glass jar      |                 |
| 500 mL Plastic                 |                 | Plastic Bag / Ziploc |                 |
| 250 mL plastic                 |                 | Air Cassette         |                 |
| 40 mL Vial - type listed below |                 | Brass Sleeves        |                 |
| Colisure / bacteria bottle     |                 | Tubes                |                 |
| Dissolved Oxygen bottle        |                 | Summa Cans           |                 |
| Flashpoint bottle              |                 | Regulators           |                 |
| Encore                         |                 | Other                |                 |

Laboratory Comments:

40 mL vials: # HCl \_\_\_\_\_ # Methanol \_\_\_\_\_  
# Bisulfate \_\_\_\_\_ # DI Water \_\_\_\_\_  
# Thiosulfate \_\_\_\_\_ Unpreserved \_\_\_\_\_

Time and Date Frozen: \_\_\_\_\_

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