

July 17, 2009

David Sullivan
TRC Solutions - Lowell
650 Suffolk Street
Lowell, MA 01852

Project Location: New Bedford, MA.
Client Job Number:
Project Number: 115058
Laboratory Work Order Number: 09G0354

Enclosed are results of analyses for samples received by the laboratory on July 15, 2009. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Theresa L. Ferrentino
Project Manager

TRC Solutions - Lowell
650 Suffolk Street
Lowell, MA 01852
ATTN: David Sullivan

REPORT DATE: 7/17/2009

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 115058

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 09G0354

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: New Bedford, MA.

| FIELD SAMPLE # | LAB ID: | MATRIX | SAMPLE DESCRIPTION | TEST | SUB LAB |
|----------------|------------|--------|--------------------|---|---------|
| WFC-13A-1-3 | 09G0354-01 | Soil | | SW-846 1311 SW-846 6010B SW-846 7470A | |

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

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.



Michael A. Erickson
Assistant Laboratory Director



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

Project Location: New Bedford, MA.

Sample Description:

Work Order: 09G0354

Date Received: 7/15/2009

Field Sample #: WFC-13A-1-3

Sampled: 2/19/2009 13:20

Sample ID: 09G0354-01

Sample Matrix: Soil

TCLP - Metals Analyses

| Analyte | Results | RL | Units | Dilution | Flag | Method | Date Prepared | Date/Time Analyzed | Analyst |
|----------|---------|---------|-------|----------|------|--------------|---------------|--------------------|---------|
| Arsenic | ND | 0.010 | mg/L | 1 | | SW-846 6010B | 7/17/09 | 7/17/09 12:09 | OP |
| Barium | 0.47 | 0.10 | mg/L | 1 | | SW-846 6010B | 7/17/09 | 7/17/09 12:09 | OP |
| Cadmium | ND | 0.0050 | mg/L | 1 | | SW-846 6010B | 7/17/09 | 7/17/09 12:09 | OP |
| Chromium | ND | 0.010 | mg/L | 1 | | SW-846 6010B | 7/17/09 | 7/17/09 12:09 | OP |
| Lead | 0.20 | 0.015 | mg/L | 1 | | SW-846 6010B | 7/17/09 | 7/17/09 12:09 | OP |
| Mercury | ND | 0.00010 | mg/L | 1 | | SW-846 7470A | 7/17/09 | 7/17/09 12:40 | MPF |
| Selenium | ND | 0.050 | mg/L | 1 | | SW-846 6010B | 7/17/09 | 7/17/09 12:09 | OP |
| Silver | ND | 0.0050 | mg/L | 1 | | SW-846 6010B | 7/17/09 | 7/17/09 12:09 | OP |

Sample Extraction Data

Prep Method: SW-846 3010A-SW-846 6010B

Leachates were extracted on 7/16/2009 per SW-846 1311 in Batch B002414

| Lab Number [Field ID] | Batch | Initial [mL] | Final [mL] | Date |
|--------------------------|---------|--------------|------------|----------|
| 09G0354-01 [WFC-13A-1-3] | B002451 | 50 | 50 | 07/17/09 |

Prep Method: SW-846 7470A Prep-SW-846 7470A

Leachates were extracted on 7/16/2009 per SW-846 1311 in Batch B002414

| Lab Number [Field ID] | Batch | Initial [mL] | Final [mL] | Date |
|--------------------------|---------|--------------|------------|----------|
| 09G0354-01 [WFC-13A-1-3] | B002455 | 6 | 6 | 07/17/09 |



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QUALITY CONTROL

TCLP - Metals Analyses - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--|---------|-----------------|-------|-------------|---------------|------|-------------|-------|-----------|-------|
| Batch B002451 - SW-846 3010A | | | | | | | | | | |
| Blank (B002451-BLK1) | | | | | | | | | | |
| Prepared & Analyzed: 07/17/09 | | | | | | | | | | |
| Arsenic | ND | 0.010 | mg/L | | | | | | | |
| Barium | ND | 0.10 | mg/L | | | | | | | |
| Cadmium | ND | 0.0050 | mg/L | | | | | | | |
| Chromium | ND | 0.010 | mg/L | | | | | | | |
| Lead | ND | 0.015 | mg/L | | | | | | | |
| Selenium | ND | 0.050 | mg/L | | | | | | | |
| Silver | ND | 0.0050 | mg/L | | | | | | | |
| LCS (B002451-BS1) | | | | | | | | | | |
| Prepared & Analyzed: 07/17/09 | | | | | | | | | | |
| Arsenic | 0.487 | 0.010 | mg/L | 0.500 | | 97.4 | 80-120 | | | |
| Barium | 0.479 | 0.10 | mg/L | 0.500 | | 95.8 | 80-120 | | | |
| Cadmium | 0.481 | 0.0050 | mg/L | 0.500 | | 96.2 | 80-120 | | | |
| Chromium | 0.473 | 0.010 | mg/L | 0.500 | | 94.7 | 80-120 | | | |
| Lead | 0.463 | 0.015 | mg/L | 0.500 | | 92.6 | 80-120 | | | |
| Selenium | 0.486 | 0.050 | mg/L | 0.500 | | 97.2 | 80-120 | | | |
| Silver | 0.486 | 0.0050 | mg/L | 0.500 | | 97.3 | 80-120 | | | |
| LCS Dup (B002451-BSD1) | | | | | | | | | | |
| Prepared & Analyzed: 07/17/09 | | | | | | | | | | |
| Arsenic | 0.490 | 0.010 | mg/L | 0.500 | | 97.9 | 80-120 | 0.563 | 20 | |
| Barium | 0.467 | 0.10 | mg/L | 0.500 | | 93.3 | 80-120 | 2.61 | 20 | |
| Cadmium | 0.471 | 0.0050 | mg/L | 0.500 | | 94.1 | 80-120 | 2.13 | 20 | |
| Chromium | 0.462 | 0.010 | mg/L | 0.500 | | 92.4 | 80-120 | 2.41 | 20 | |
| Lead | 0.452 | 0.015 | mg/L | 0.500 | | 90.4 | 80-120 | 2.32 | 20 | |
| Selenium | 0.483 | 0.050 | mg/L | 0.500 | | 96.6 | 80-120 | 0.602 | 20 | |
| Silver | 0.474 | 0.0050 | mg/L | 0.500 | | 94.9 | 80-120 | 2.47 | 20 | |
| Batch B002455 - SW-846 7470A Prep | | | | | | | | | | |
| Blank (B002455-BLK1) | | | | | | | | | | |
| Prepared & Analyzed: 07/17/09 | | | | | | | | | | |
| Mercury | ND | 0.00010 | mg/L | | | | | | | |
| LCS (B002455-BS1) | | | | | | | | | | |
| Prepared & Analyzed: 07/17/09 | | | | | | | | | | |
| Mercury | 0.00202 | 0.00010 | mg/L | 0.00200 | | 101 | 80-120 | | | |
| LCS Dup (B002455-BSD1) | | | | | | | | | | |
| Prepared & Analyzed: 07/17/09 | | | | | | | | | | |
| Mercury | 0.00201 | 0.00010 | mg/L | 0.00200 | | 100 | 80-120 | 0.675 | 20 | |
| Matrix Spike (B002455-MS1) | | | | | | | | | | |
| Source: 09G0354-01 | | | | | | | | | | |
| Prepared & Analyzed: 07/17/09 | | | | | | | | | | |
| Mercury | 0.00182 | 0.00010 | mg/L | 0.00200 | ND | 91.2 | 75-125 | | | |

FLAG/QUALIFIER SUMMARY

- * QC result is outside of established limits.
- † Wide recovery limits established for difficult compound.
- ‡ Wide RPD limits established for difficult compound.
- # Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

CERTIFICATIONS

Certified Analyses included in this Report

| Analyte | Certifications |
|------------------------------|----------------|
| SW-846 6010B in Water | |
| Arsenic | NY,CT |
| Barium | NY,CT |
| Cadmium | NY,CT |
| Chromium | NY,CT |
| Lead | NY,CT |
| Selenium | NY,CT |
| Silver | NY,CT |

SW-846 7470A in Water

| | |
|---------|-------|
| Mercury | NY,CT |
|---------|-------|

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

| Code | Description | Number | Expires |
|------|--|---------------|------------|
| AIHA | American Industrial Hygiene Association | 100033 | 01/1/2010 |
| MA | Massachusetts DEP | M-MA100 | 06/30/2010 |
| CT | Connecticut Department of Public Health | PH-0567 | 09/30/2009 |
| NY | New York State Department of Health | 10899 NELAP | 04/1/2010 |
| NH | New Hampshire Environmental Lab | 2516 NELAP | 02/5/2010 |
| RI | Rhode Island Department of Health | LAO00112 | 12/30/2009 |
| NC | North Carolina Div. of Water Quality | 652 | 12/31/2009 |
| NJ | New Jersey DEP | MA007 NELAP | 06/30/2010 |
| FL | Florida Department of Health | E871027 NELAP | 06/30/2010 |
| VT | Vermont Department of Health Lead Laboratory | LL015036 | 07/30/2010 |
| WA | State of Washington Department of Ecology | C2065 | 03/23/2010 |



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CHAIN OF CUSTODY RECORD

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

Company Name: TRC Environmental
Address: 650 Suffolk Street
Lowell, MA 01854

Telephone: 978 770-5600
Project #: 1150580000
Client PO #

Attention: David Sullivan

Project Location: New Bedford, MA

Sampled By: C. Forder, R. Miller

Proposal Provided? (For Billing purposes) yes no
State Form Required? yes no

DATA DELIVERY (check one):
 FAX EMAIL WEBSITE CLIENT
Email: dsullivan@trcenv.com
Format: EXCEL PDF GIS KEY

| Field ID | Sample Description | Lab # | Start Date/Time | Stop Date/Time | Comp. site | Grab | Matrix Code | Cont. Code | # of containers |
|----------|--------------------|-------|-----------------|----------------|------------|------|-------------|------------|-----------------|
| | WFCR3E-0-1 (HOLD) | 0113 | 2/19/09 | 1245 | X | | S | | 1 |
| | WFCR3E-1-3 (HOLD) | | | 1250 | X | | S | | 1 |
| | WFCR3A-0-1 | | | 1315 | X | | S | | 1 |
| | WFCR3A-1-3 01 | 01918 | | 1320 | X | | S | | 1 |
| | WFCR913-1-3 | 0499D | | 1215 | X | | S | | 1 |
| | WFCR13C-0-1 | 04921 | | 1340 | X | | S | | 1 |
| | WFCR13C-1-3 | 04992 | | 1345 | X | | S | | 1 |
| | WFCR13B-0-1 (HOLD) | | | 1355 | X | | S | | 1 |

Laboratory Comments: **WFCR3E-0-1 (HOLD)**

WFCR3E-0-1 (HOLD)

WFCR3E-0-1 (HOLD)

Relinquished by (signature) *[Signature]* Date/Time: 2-19-09 16:00

Received by (signature) *[Signature]* Date/Time: 2-19-09 16:15

Field(s) used by (signature) *[Signature]* Date/Time: 2-19-09 16:40

Requested by (signature) *[Signature]* Date/Time: 2-19-09 16:00

Turnaround **
 7-Day
 10-Day
 Other: **RUSH**

Detection Limit Requirements
 Regulations? **MSL 5.1/5.2**

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

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

TURNAROUND TIME STARTS AT 8:00 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.

AIHA, NELAP & WBE/DBE Certified

Meghan E. Kelley

From: Saunders, Jeffry (Lowell,MA-US) [JSaunders@TRCSOLUTIONS.com]
Sent: Wednesday, July 15, 2009 1:58 PM
To: tferrentino@contestlabs.com
Cc: mkelley@contestlabs.com; Sullivan, Dave (Lowell,MA-US); Hamilton, Amy (Lowell,MA-US); Mulhall, John (Lowell,MA-US)
Subject: TCLP Hold Authorizations
Attachments: TRC Chain-of-Custody Forms (TCLP Authorizations 071509).pdf
Importance: High

Theresa,

Per our conversation, here is the list of the soil samples we would like authorized for TCLP RCRA-8 metals analysis on an expedited turnaround time. As we discussed, if we can get the data by Friday that would be ideal.

- ~~WFA-11B (1-3) collected on 2/19/09~~
- ~~WFA-11D (1-3) collected on 2/19/09~~
- ~~WFB-11E (1-3) collected on 2/19/09~~
- ~~WFB-11H (1-3) collected on 2/19/09~~
- WFC-13A (1-3) collected on 2/19/09
- ~~WFA-10A (1-3) collected on 2/20/09~~
- ~~WFA-10C (1-3) collected on 2/20/09~~
- ~~WFD-6D (1-3) collected on 2/23/09~~
- ~~SB-233C (1-3) collected on 2/20/09~~
- ~~SB-233D (1-3) collected on 2/20/09~~
- ~~WFG-7C (1-3) collected on 2/26/09~~

All crossed off samples
have already been disposed of.
KA 7/16

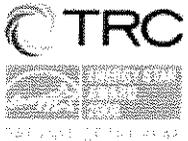
I have attached a scan of the original chain-of-custody forms to help narrow in on the samples. The samples fall under a few different LIMT numbers, but I've lumped all of the individual chain-of-custody pages into a single scanned version. I have put a star in the "Field ID" section next to each sample because it is only a black and white scan.

There is also an outside chance we will need some additional samples run. I'll let you know if we need to add anything in as soon as that decision is made.

Let me know if you have any questions. Thanks for the help.

-Jeff

Jeffry B. Saunders
Project Geologist



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