July 8, 2013

Jose Franco, Manager
Carlsbad Field Office
Department of Energy
P.O. Box 3090
Carlsbad, New Mexico 88221-3100

Farok Sharif, Project Manager
Washington TRU Solutions LLC
P.O. Box 2078
Carlsbad, New Mexico 88221-5608

RE: COPY OF ANALYSIS OF SPLIT GROUNDWATER SAMPLE OF THE WASTE ISOLATION PILOT PLANT DETECTION MONITORING PROGRAM WELL WQSP-5

Dear Messrs. Franco and Sharif:

As required by WIPP Permit Section 1.7.9.4, the New Mexico Environment Department (NMED) is providing a copy of the analytical laboratory results of a split groundwater sample that was collected by Nuclear Waste Partnership’s (NWP) Regulatory Environmental Services (RES) on behalf of NMED. The split sample was taken at the WIPP Detection Monitoring Program well WQSP-5 on May 21 2013. The Department of Energy’s Carlsbad Field Office and Nuclear Waste Partnership LLC are required to conduct the DMP per the requirements of the WIPP Hazardous Waste Facility Permit. NMED’s samples were shipped to an NMED contract analytical laboratory for the following analyses:

- RCRA 8 Metals
If you have any questions regarding this matter, please contact Trais Kliphuis at (505) 476-6051.

Sincerely,

John E. Kieling
Chief
Hazardous Waste Bureau

cc: Tom Blaine, NMED EHD
    Dave Cobrain, NMED HWB
    Trais Kliphuis, NMED HWB
    Steve Holmes, NMED HWB
    Ricardo Maestas, NMED HWB
    Coleman Smith, NMED HWB
    Anthony Stone, DOE CBFO
    Thomas Kesterson, NMED DOEOB
    Julia Marple, NMED DOEOB
    File: Red WIPP '13
June 4, 2013

Mr. Ricardo Maestas
NMED Hazardous Waste Bureau
2905 Rodeo Park Drive East, Bldg 1
Santa Fe, NM 87505

Re: ALS Workorder: 13-05-345
Project Name: WQSP-5 Split
Project Number: None Submitted

Dear Mr. Maestas:

Four water samples were received from NMED Hazardous Waste Bureau on May 22, 2013. The samples were scheduled for the following analysis:

Metals pages 1-15

The results for this analysis are contained in the enclosed report.

Thank you for your confidence in ALS Environmental. Should you have any questions, please call.

Sincerely,

ALS Environmental
Lance Steere
Senior Project Manager

LRS/jl
Enclosure (s): Report
ALS is accredited by the following accreditation bodies for various testing scopes in accordance with requirements of each accreditation body. All testing is performed under the laboratory management system, which is maintained to meet these requirement and regulations. Please contact the laboratory or accreditation body for the current scope testing parameters.

<table>
<thead>
<tr>
<th>Accreditation Body</th>
<th>License or Certification Number</th>
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<tr>
<td>Alaska (AK)</td>
<td>UST-086</td>
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<tr>
<td>Alaska (AK)</td>
<td>CO00078</td>
</tr>
<tr>
<td>Arizona (AZ)*</td>
<td>AZ0742</td>
</tr>
<tr>
<td>California (CA)</td>
<td>06251CA</td>
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<tr>
<td>Colorado (CO)</td>
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<td>Connecticut (CT)</td>
<td>PH-0232</td>
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<td>Florida (FL)</td>
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<td>Kansas (KS)</td>
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<td>Kentucky (KY)</td>
<td>90137</td>
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<tr>
<td>L-A-B (DoD ELAP/ISO 170250)</td>
<td>L2257</td>
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<tr>
<td>Maryland (MD)</td>
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<td>Missouri</td>
<td>175</td>
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<td>Nevada (NV)</td>
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<tr>
<td>New Jersey (NJ)**</td>
<td>CO003</td>
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<td>North Dakota (ND)</td>
<td>R-057</td>
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<td>Oklahoma</td>
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<td>Tennessee (TN)</td>
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<td>Utah (UT)</td>
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<tr>
<td>Washington</td>
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## Sample Number(s) Cross-Reference Table

**OrderNum:** 1305345  
**Client Name:** NMED Hazardous Waste Bureau  
**Client Project Name:** WQSP-5 Split  
**Client PO Number:** 20-667-00-16004

<table>
<thead>
<tr>
<th>Client Sample Number</th>
<th>Lab Sample Number</th>
<th>COC Number</th>
<th>Matrix</th>
<th>Date Collected</th>
<th>Time Collected</th>
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<tbody>
<tr>
<td>WQSP5-SVOA</td>
<td>1305345-1</td>
<td>WATER</td>
<td>21-May-13</td>
<td>9:38</td>
<td></td>
</tr>
<tr>
<td>WQSP5-MR8</td>
<td>1305345-2</td>
<td>WATER</td>
<td>21-May-13</td>
<td>9:11</td>
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<tr>
<td>WQSP5-VOA</td>
<td>1305345-3</td>
<td>WATER</td>
<td>21-May-13</td>
<td>8:47</td>
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</tr>
<tr>
<td>TRIP BLANK</td>
<td>1305345-4</td>
<td>WATER</td>
<td>21-May-13</td>
<td></td>
<td></td>
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</tbody>
</table>

**LIMS Version:** 6.647  
**Date Printed:** Wednesday, May 22, 2013
**Chain-of-Custody**

**SAMPLES**

<table>
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<tr>
<th>Sample</th>
<th>Date</th>
<th>Time</th>
<th>Bonita</th>
<th>Pres. QC</th>
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<tbody>
<tr>
<td>WQSP-5 - SV/OA</td>
<td>5/11/13</td>
<td>08:47</td>
<td>1</td>
<td>/</td>
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<tr>
<td>WQSP-5 - MB</td>
<td>5/11/13</td>
<td>09:11</td>
<td>1</td>
<td>MB</td>
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<tr>
<td>WQSP-5 - VO</td>
<td>5/11/13</td>
<td>09:38</td>
<td>3</td>
<td>HC</td>
</tr>
<tr>
<td>Trip Blank</td>
<td>N/A</td>
<td>N/A</td>
<td>2</td>
<td>HC</td>
</tr>
</tbody>
</table>

**Notes:**
- Due to electrical problems with WQSP-5 pump, custody of empty ALS sample bottles is being transferred to UPS-FES personnel. Once pump issues are resolved, FES personnel will collect samples for NMED RT/TS, Kesterson, or NMED-DOE.

**Preservative Key:**
- 1-HCl
- 2-HNO3
- 3-H2SO4
- 4-NaOH
- 5-NaHSO4
- 7-Other
- 8-4 degrees C
- 9-5035

**Signature:**
- Richard Maestas
- Robbin A. Spoon

**Printed Name:**
- Richard Maestas
- Robbin A. Spoon
- C. Trumble

**Date:**
- 5/11/13
- 5/13/13
- 5/13/13
- 5/22/13

**Time:**
- 11:30 AM
- 11:30 AM
- 14:30 PM
- 09:10 AM
<table>
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<tr>
<th>Question</th>
<th>YES</th>
<th>NO</th>
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</thead>
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<tr>
<td>1. Does this project require any special handling in addition to standard ALS procedures?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Are custody seals on shipping containers intact?</td>
<td>NONE</td>
<td></td>
</tr>
<tr>
<td>3. Are custody seals on sample containers intact?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Is there a COC (Chain-of-Custody) present or other representative documents?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. Are the COC and bottle labels complete and legible?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6. Is the COC in agreement with samples received? (IDs, dates, times, no. of containers, matrix, requested analyses, etc.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7. Were airbills / shipping documents present and/or removable?</td>
<td>DROP OFF</td>
<td></td>
</tr>
<tr>
<td>8. Are all aqueous samples requiring preservation preserved correctly? (excluding volatiles)</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>9. Are all aqueous non-preserved samples pH 4-9?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10. Is there sufficient sample for the requested analyses?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11. Were all samples placed in the proper containers for the requested analyses?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12. Are all samples within holding times for the requested analyses?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>13. Were all sample containers received intact? (not broken or leaking, etc.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>14. Are all samples requiring no headspace (VOC, GRO, RSK/MEE, Rx CN/S, radon) headspace free?</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Size of bubble: &lt; green pea &gt; green pea</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15. Do any water samples contain sediment?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Amount of sediment: dusting moderate heavy</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>16. Were the samples shipped on ice?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>17. Were cooler temperatures measured at 0.1-6.0°C?</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Additional Information:** PROVIDE DETAILS BELOW FOR A NO RESPONSE TO ANY QUESTION ABOVE, EXCEPT #1 AND #16.

- **Headspace:** [1305345 - 3 - 1] < green pea
- **Time on SVDA bottle:** 00:03:28 **Time on COC:** 00:04:27
- **Time on VDA Vials:** 00:04:27 **Time on COC:** 00:03:28

Reported temp to PM.

If applicable, was the client contacted? **YES**/NO/NA Contact: [blank]  
Date/Time: 5/24

**Project Manager Signature / Date:** [Signature] 5/24/13

---

Form: 301r24.xls (06/04/2012)
1. From:
  Sender's Name: Sundler's FedEx Account Number
  Address: 123 Commercial Dr
  City: LOS ANGELES
  State: CA
  ZIP: 90010
  Phone: 8739 5711 7396

2. To:
  Recipient: Sample Company
  Address: 420 Commercial St
  City: LOS ANGELES
  State: CA
  ZIP: 90010
  Phone: 8739 5711 7396

3. Your Internal Billing Reference: WIL DTT K00 935

4a. Express Package Service
   - FedEx Priority Overnight
   - FedEx Standard Overnight
   - FedEx First Overnight
   - FedEx Standard Overnight

4b. Express Freight Service
   - FedEx 1Day Freight
   - FedEx 2Day Freight
   - FedEx 3Day Freight
   - FedEx 4Day Freight

5. Packaging:
   - Envelope
   - Fedex Priority
   - Fedex Priority
   - Fedex Large Flat
   - Fedex Ground
   - Fedex Ground
   - Fedex Standard Overnight

6. Special Handling and Delivery Signature Options
   - Hold for Pickup
   - Hold for Pickup
   - Hold for Pickup
   - Hold for Pickup
   - Hold for Pickup
   - Hold for Pickup
   - Hold for Pickup
   - Hold for Pickup

7. Payment Method:
   - Cash/Credit Card
   - Check
   - Wire Transfer
   - Other

8. Total Packages: 1

9. Total Weight: 50 lbs
1. This report consists of 1 water sample.

2. The sample was received intact at 13.8°C by ALS on 05/22/13.

3. The sample had a pH less than 2 upon receipt.

4. The sample was prepared and analyzed based on SW-846, 3rd Edition procedures.

   For analysis by Trace ICP, the sample was digested following method 3005A and the current revision of SOP 806.

   For analysis by Cold Vapor AA (CVAA), the sample was digested following method 7470A and the current revision of SOP 812.

5. Analysis by Trace ICP followed method 6010B and the current revision of SOP 834.

   Analysis by CVAA followed method 7470A and the current revision of SOP 812.

6. All standards and solutions are NIST traceable and were used within their recommended shelf life.

7. The samples were prepared and analyzed within the established hold times.

All in house quality control procedures were followed, as described below.

8. General quality control procedures.

   - A preparation (method) blank and laboratory control sample were digested and analyzed with the samples in each digestion batch.
The preparation (method) blank associated with each digestion batch was below the reporting limit for the requested analytes.

All laboratory control sample criteria were met.

All initial and continuing calibration blanks were below the reporting limit for the requested analytes.

All initial and continuing calibration verifications were within the acceptance criteria for the requested analytes.

The interference check samples and high standard readbacks associated with Method 6010B were within acceptance criteria.


Sample 1305345-2 was designated as the quality control sample for the mercury analysis. Per method requirements, matrix QC was performed for the Trace ICP analysis. Since a sample from this order number was not the selected quality control (QC) sample, matrix specific QC results are not included in this report.

Similarity of matrix and therefore relevance of the QC results should not be automatically inferred for any sample other than the native sample selected for QC.

- A matrix spike and matrix spike duplicate were digested and analyzed with the mercury batch. All acceptance criteria for accuracy were met.

- A sample duplicate and matrix spike duplicate were digested and analyzed with the mercury batch. All acceptance criteria for precision were met.

10. Sample dilutions were not required for the requested analyses.

The data contained in the following report have been reviewed and approved by the personnel listed below. In addition, ALS certifies that the analyses reported herein are true, complete and correct within the limits of the methods employed.

Jill Latelle
Inorganics Primary Data Reviewer

Joe Malle
Inorganics Final Data Reviewer
Inorganic Data Reporting Qualifiers

The following qualifiers are used by the laboratory when reporting results of inorganic analyses.

- Result qualifier -- A "B" is entered if the reported value was obtained from a reading that was less than the Reporting Limit but greater than or equal to the Method Detection Limit (MDL). If the analyte was analyzed for but not detected a "U" is entered. For samples, negative values are reported as non-detects ("U" flagged). For blanks, if the absolute value of the negative value is above the MDL and below the reporting limit, then the result is "B" flagged.

- QC qualifier -- Specified entries and their meanings are as follows:

  E - The reported value is estimated because of the presence of interference. An explanatory note may be included in the narrative.

  M - Duplicate injection precision was not met.

  N - Spiked sample recovery not within control limits. A post spike is analyzed for all ICP analyses when the matrix spike and or spike duplicate fail and the native sample concentration is less than four times the spike added concentration.

  Z - Spiked recovery not within control limits. An explanatory note may be included in the narrative.

  * - Duplicate analysis (relative percent difference) not within control limits.
Sample Number(s) Cross-Reference Table

<table>
<thead>
<tr>
<th>Client Sample Number</th>
<th>Lab Sample Number</th>
<th>COC Number</th>
<th>Matrix</th>
<th>Date Collected</th>
<th>Time Collected</th>
</tr>
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<tbody>
<tr>
<td>WQSP5-SVDA</td>
<td>1305345-1</td>
<td>WATER</td>
<td>21-May-13</td>
<td>9:38</td>
<td></td>
</tr>
<tr>
<td>WQSP5-MR8</td>
<td>1305345-2</td>
<td>WATER</td>
<td>21-May-13</td>
<td>9:11</td>
<td></td>
</tr>
<tr>
<td>WQSP5-VOA</td>
<td>1305345-3</td>
<td>WATER</td>
<td>21-May-13</td>
<td>8:47</td>
<td></td>
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<tr>
<td>TRIP BLANK</td>
<td>1305345-4</td>
<td>WATER</td>
<td>21-May-13</td>
<td></td>
<td></td>
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## Chain-of-Custody

**Sampler:** Ricardo Maestas  
**Received:**  
**Date:** 5/21/2013  
**Page:** 7 of 7  
**Workorder:** 1305345

<table>
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<th>Lab ID</th>
<th>Field ID</th>
<th>Matrix</th>
<th>Sample Date</th>
<th>Sample Time</th>
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<th>Pres.</th>
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<tbody>
<tr>
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<td>5/11/13</td>
<td>08:41</td>
<td>1</td>
<td>/</td>
<td>X</td>
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<tr>
<td>2</td>
<td>WQP5 - M88</td>
<td>W</td>
<td>5/11/13</td>
<td>09:11</td>
<td>1</td>
<td>H</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>3</td>
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<td></td>
<td>09:33</td>
<td>3</td>
<td>H</td>
<td>X</td>
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<td>4</td>
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<td></td>
<td></td>
<td>M</td>
<td>M</td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>

*Note:* Due to electrical problems with pump, custody of empty ALS sample bottles is being transferred to UPS-PES personnel. Once pump issues are resolved, ALS personnel will collect samples for NMED HT/KEsterson Baseline (NMEM-20010).  

*Time Zone (CST/EST): CST (MST) PST  
Matrix: 0 = slurry, 1 = solid, W = water, L = liquid, E = extract, F = filter *

---

**Comments:**  
- Observed by Thomas  
- KEsterson, NMED-102  
- 575-885-9093

**Sample:**
- **GC PACKAGE (check below):**  
  - **LEVEL II (Sample QC)**  
  - **LEVEL II (QC + form)**  
  - **LEVEL IV (GC + form + new data)**

**Received:**
- By Bohlin Allen  
- By Richard A. Spoon  
- By C. Trimble  
- By E. Dunder

**Relinquished by:**
- By Ricardo Maestas  
- By Richard A. Spoon  
- By C. Trimble  
- By E. Dunder

**Printed Name:**
- Bohlin Allen  
- Richard Maestas  
- Richard A. Spoon  
- C. Trimble

**Date and Time:**
- 4/20/13 11:30am  
- 4/20/13 11:30  
- 5/11/13 14:30  
- 5/22/13 09:10

---

**Preservative Key:**  
- 1:4CI 2: HNO3 3: H2SO4 4: NaOH 5: NaHSO4 7: Other 8-4 degrees C 0-50°C
ALS Environmental - Fort Collins

CONDITION OF SAMPLE UPON RECEIPT FORM

Client:  NMED  
Project Manager:  LS  
Workorder No:  1305345  
Initials:  CDT  
Date:  5-22-13

1. Does this project require any special handling in addition to standard ALS procedures?  
   - YES  
   - NO

2. Are custody seals on shipping containers intact?  
   - NONE  
   - YES  
   - NO

3. Are Custody seals on sample containers intact?  
   - NONE  
   - YES  
   - NO

4. Is there a COC (Chain-of-Custody) present or other representative documents?  
   - YES  
   - NO

5. Are the COC and bottle labels complete and legible?  
   - YES  
   - NO

6. Is the COC in agreement with samples received? (IDs, dates, times, no. of samples, no. of containers, matrix, requested analyses, etc.)  
   - YES  
   - NO

7. Were airbills / shipping documents present and/or removable?  
   - DROP OFF  
   - YES  
   - NO

8. Are all aqueous samples requiring preservation preserved correctly? (excluding volatiles)  
   - N/A  
   - YES  
   - NO

9. Are all aqueous non-preserved samples pH 4-9?  
   - N/A  
   - YES  
   - NO

10. Is there sufficient sample for the requested analyses?  
    - YES  
    - NO

11. Were all samples placed in the proper containers for the requested analyses?  
    - YES  
    - NO

12. Were all samples within holding times for the requested analyses?  
    - YES  
    - NO

13. Were all sample containers received intact? (not broken or leaking, etc.)  
    - YES  
    - NO

14. Are all samples requiring no headspace (VOC, GRO, RSK/MEE, Rx CN/S, radon) headspace free?  
    - Size of bubble:  
      - N/A  
      - YES  
      - NO

15. Do any water samples contain sediment?  
    - Amount  
      - N/A  
      - YES  
      - NO

16. Were the samples shipped on ice?  
    - YES  
    - NO

17. Were cooler temperatures measured at 0.1-6.0°C?  
    - IR gun used:  
      - #2  
      - #4  
      - RAD  
      - ONLY  
      - YES  
      - NO

Additional Information: PROVIDE DETAILS BELOW FOR A NO RESPONSE TO ANY QUESTION ABOVE, EXCEPT #1 AND #16.

Headspace: 1305345-3-1 7 < green pea

Time on SVDA bottle: 09:38  
Time on COC: 08:47

If applicable, was the client contacted?  
   - YES  
   - NO  
   - NA  
   - Contact:  
   - Date/Time:  

Page of 6 of 15
Total Recoverable ICP Metals

Method SW6010B

Sample Results

Lab Name: ALS Environmental – FC
Work Order Number: 1305345
Client Name: NMED Hazardous Waste Bureau
Client Project ID: WQSP-5 Split

Field ID: WQSP5-MRB
Lab ID: 1305345-2
Analysis ReqCode: 205

Sample Matrix: WATER
% Moisture: N/A
Date Collected: 21-May-13
Date Extracted: 28-May-13
Date Analyzed: 29-May-13
Prep Method: SW3005 Rev A

Prep Batch: IP130528-5
QCBatch ID: IP130528-5-10
Run ID: IT130529-2A4
Cleanup: NONE
Basis: As Received
File Name: 130529A.

CAS NO  Target Analyte  Dilution Factor  Result  RptLimit  MDL/LOQ  Result Qualifier  EPA Qualifier
7440-38-2  ARSENIC  1  0.0086  0.01  0.004  S  
7440-39-3  BARIUM  1  0.01  0.1  0.0012  B  
7440-43-9  CADMIUM  1  0.0005  0.005  0.0005  U  
7440-47-3  CHROMIUM  1  0.0006  0.01  0.0008  U  
7439-92-1  LEAD  1  0.002  0.003  0.002  U  
7782-49-2  SELENIUM  1  0.003  0.005  0.003  U  
7440-22-4  SILVER  1  0.0024  0.01  0.0024  U  

Data Package ID: it1305345-1

Date Printed: Friday, May 31, 2013

ALS Environmental -- FC
LIMS Version: 6.640
# Total Mercury

## Method SW7470A

### Sample Results

- **Lab Name:** ALS Environmental – FC
- **Work Order Number:** 1305345
- **Client Name:** NMED Hazardous Waste Bureau
- **Client Project ID:** WQSP-5 Split

<table>
<thead>
<tr>
<th>Field ID</th>
<th>Sample Matrix</th>
<th>Sample Matrix</th>
<th>Prep Batch</th>
<th>Analyst</th>
</tr>
</thead>
<tbody>
<tr>
<td>WQSP5-MR6</td>
<td>WATER</td>
<td>Sample Matrix</td>
<td>HG130529-2</td>
<td>Sheri Laflerty</td>
</tr>
<tr>
<td>Lab ID:</td>
<td>% Moisture: N/A</td>
<td>Prep Batch</td>
<td>QC Batch ID: HG130529-2-1</td>
<td></td>
</tr>
<tr>
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**Data Package ID:** hg1305345-1

**Date Printed:** Friday, May 31, 2013

**ALS Environmental – FC**

**UMS Version:** 6.549

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ICP Metals

Method SW6010B
Method Blank

Lab Name: ALS Environmental – FC
Work Order Number: 1305345
Client Name: NMED Hazardous Waste Bureau
Client Project ID: WQSP-5 Split

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Data Package ID: it1305345-1
### ICP Metals

**Method SW6010B**

**Laboratory Control Sample**

- **Lab Name:** ALS Environmental – FC
- **Work Order Number:** 1305345
- **Client Name:** NMED Hazardous Waste Bureau
- **Client Project ID:** WQSP-5 Split
- **Sample Matrix:** WATER
- **% Moisture:** N/A
- **Date Collected:** N/A
- **Date Extracted:** 05/28/2013
- **Date Analyzed:** 05/29/2013
- **Prep Batch:** IP130528-5
- **QCBatchID:** IP130528-5-10
- **Run ID:** IT130529-2A4
- **Cleanup:** NONE
- **Basis:** N/A
- **File Name:** 130529A

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**Data Package ID:** it1305345-1

**Date Printed:** Friday, May 31, 2013

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**ALS Environmental – FC**

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Mercury
Method SW7470A
Method Blank

Lab Name: ALS Environmental – FC
Work Order Number: 1305345
Client Name: NMED Hazardous Waste Bureau

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| File Name: HG130529-2 |

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Data Package ID: hg1305345-1

Date Printed: Friday, May 31, 2013
Mercury
Method SW7470A
Laboratory Control Sample

Lab Name: ALS Environmental – FC
Work Order Number: 1305345
Client Name: NMED Hazardous Waste Bureau
ClientProject ID: WQSP-5 Split

Lab ID: HG130529-2LCS
Sample Matrix: WATER
% Moisture: N/A
Date Collected: N/A
Date Extracted: 05/29/2013
Date Analyzed: 05/29/2013
Prep Method: METHOD

Prep Batch: HG130529-2
QCBatchID: HG130529-2-1
Run ID: HG130529-2A2
Cleanup: NONE
Basis: N/A
File Name: HG130529-2

CASNO | Target Analyte | Spike Added | LCS Result | Reporting Limit | Result Qualifier | LCS % Rec. | Control Limits |
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7439-97-6 | MERCURY | 0.001 | 0.00101 | 0.0002 | 101 | 80 - 120% |

Data Package ID: hg1305345-1

Date Printed: Friday, May 31, 2013
ALS Environmental – FC
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Mercury
Method SW7470A
Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS Environmental – FC
Work Order Number: 1305345
Client Name: NMED Hazardous Waste Bureau
ClientProject ID: WQSP-5 Spilt

Sample Matrix: WATER
% Moisture: N/A
Date Collected: 21-May-13
Date Extracted: 29-May-13
Date Analyzed: 29-May-13
Prep Method: METHOD

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QCBatchID: HG130529-2-1
Run ID: HG130529-2A2
Cleanup: NONE
Basis: As Received
Sample Allquot: 20 g
Final Volume: 20 g
Result Units: Mg/L
File Name: HG130529-2

Data Package ID: /ng1305345-1

Date Printed: Friday, May 31, 2013
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# Mercury

**Method SW7470**  
**Duplicate Sample Results**

- **Lab Name:** ALS Environmental – FC  
- **Work Order Number:** 1305345  
- **Client Name:** NMED Hazardous Waste Bureau  
- **ClientProject ID:** WQSP-5 Split

**Sample Matrix:** WATER  
**% Moisture:** N/A

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**ALS Environmental – FC**