Huntington Power Plant  
8 miles west of Huntington, Utah on Hwy. 31  
P.O. Box 680  
Huntington, Utah 84528

Date: January 14, 2016

To: Bradly Giles

From: Russ Willson, PacifiCorp  
Mark Rutherford, PacifiCorp

Subject: Confirmation of CCR Removal Efforts for the Huntington Power Plant Historic Scrubber Pond

**Description of Historic Scrubber Pond**

The scrubber pond (pond) at the Huntington Plant was a 7 acre foot storage pond historically used to store scrubber wastes. The pond covered 28,000 square feet in area and was located north of the coal blend pile and southeast of the Unit One and Unit Two cooling towers. The pond was approximately 6 feet deep at its deepest location. The pond was constructed with an asphalthic bottom and sides with the addition of a poly liner. The thickness of the asphalt was 6” – 8”. Located at the fringe of the poly liner were large, 3’ to 5’ boulders. There were two concrete control structures located in the pond. The inlet structure was a 4’ x 4’ x 3’ high concrete box structure with a 6” HDPE pipe used to historically deliver scrubber waste to the pond. The pond also had a 3.5’ x 5’ x 2’ high concrete structure with an 18” PVC pipe used as an outlet for overflow conditions.

Prior to closure the pond had not been actively used to collect or store scrubber wastes for at least 6 years. At the time of closure, the pond contained approximately 2.5 acre feet of scrubber wastes consisting of FGD wastes, fly ash, bottom ash, coal dust and some soil from rainwater runoff events. The waste was moist from storm water capture and in the lower reaches of the pond was wet (see attached photo).

**2015 Cleaning, CCR Removal and Analysis**

Clean closing activities on the scrubber pond were conducted during the first week of October, 2015. The activities included the removal of all of the CCR materials with the use of an excavator and dump trucks. The CCR materials were placed in the CCR landfill for
final disposal. Over-excavation to native and sandy soils was witnessed by Russ Willson during the CCR material removal portion of the project. Representative soil sampling was conducted on the native materials remaining in the bottom of the pond. The samples were tested for pH, TCLP metals and total petroleum hydro-carbons. The results of the analysis are attached to this document. The concrete structures were demolished and removed to the industrial waste landfill. The asphaltic and poly liners were also removed and disposed of in the industrial waste landfill. After the removal of the CCR materials, liners, structures and boulders was complete, the clean banks of the pond were pulled in and used to fill the void of the pond. Also, in December of 2015, the entire pond closure site was hydro-seeded with a reclamation seed mix to reduce the potential for erosion at the disturbed site (see attached photo).

In view of the historical use of the Scrubber Pond, the understanding that the pond was lined with a combination of asphalt and poly materials, visual and analytical evaluations of the native soil during decommissioning, filling in the pond void with clean materials and the final reclamation of the area, it is our belief that the Scrubber Pond has been properly clean closed.
Scrubber Pond Prior to Decommissioning
Photo Showing the Depth of CCR Materials to be Removed. Photo Also Reveals the Asphaltic Liner Below the Poly Liner.
Scrubber Pond Location after Closure and Reclamation
Attachment 1

Analytical Results from Soil Samples
INORGANIC ANALYTICAL REPORT

Client: PacifiCorp - Huntington Plant  
Project: Historic Scrubber Pond Closure - CCR / 3000107488  
Lab Sample ID: 1509566-001  
Client Sample ID: Soil Sample #1  
Collection Date: 9/24/2015  
Received Date: 9/29/2015  
Date Analyzed: 9/26/2015  

**Analytical Results**

<table>
<thead>
<tr>
<th>Compound</th>
<th>Units</th>
<th>Date Prepared</th>
<th>Date Analyzed</th>
<th>Method Used</th>
<th>Reporting Limit</th>
<th>Analytical Result</th>
<th>Qual</th>
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<tbody>
<tr>
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<td>mg/L</td>
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<td>&lt; 0.0100</td>
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<tr>
<td>Barium</td>
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<td>Cadmium</td>
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<td></td>
</tr>
</tbody>
</table>

**TCLP METALS Method 1311**

3440 South 700 West  
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Kyle F. Gross  
Laboratory Director  
Jose Rocha  
QA Officer

Report Date: 10/6/2015  Page 2 of 7
**INORGANIC ANALYTICAL REPORT**

Client: PacifiCorp - Huntington Plant  
Project: Historic Scrubber Pond Closure - CCR / 3000107488

Lab Sample ID: 1509566-001  
Client Sample ID: Soil Sample #1  
Collection Date: 9/24/2015  900h  
Received Date: 9/29/2015  1025h

### Analytical Results

<table>
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<tr>
<th>Compound</th>
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<th>Method Used</th>
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<td>H</td>
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</tbody>
</table>

*H - Sample was received outside of the holding time.*

---

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Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer
ORGANIC ANALYTICAL REPORT

Client: PacifiCorp - Huntington Plant               Contact: Russell Willson
Project: Historic Scrubber Pond Closure - CCR / 3000107488
Lab Sample ID: 1509566-001A
Client Sample ID: Soil Sample #1
Collection Date: 9/24/2015 900h
Received Date: 9/29/2015 1025h

Test Code: 8015-S-TPH-3546

TPH-DRO (C10-C28) by Method 8015D Mod/3546

Analytical Results

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<th>Analyzed</th>
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<th>Extracted</th>
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Surrogate

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<tr>
<td></td>
<td>460-00-4</td>
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<td>10-122</td>
<td></td>
</tr>
</tbody>
</table>

Report Date: 10/6/2015  Page 10 of 7

All methods are applicable to the CWA, SDWA, and RCR. A are performed in accordance to NELAC protocols. Portion sampling information is located on the attached CEC. Cost/mtj Business Information. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff or reproduction of this report in connection with the advertisement, promotion or sale of any product or process or in connection with the publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility, except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.
ORGANIC ANALYTICAL REPORT

Client: Pacificorp - Huntington Plant  
Project: Historic Scrubber Pond Closure - CCR / 3000107488
Lab Sample ID: 1509566-001A
Client Sample ID: Soil Sample #1
Collection Date: 9/24/2015 900h
Received Date: 9/29/2015 1025h
Test Code: 8260-S-PPM

Analytical Results

Analyzed: 9/30/2015 1152h
Units: mg/kg-dry
Dilution Factor: 2.48
Method: SW8260C

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<td>TPH C6-C10 (GRO)</td>
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Sampling and analytical preparation performed by method 5030C modified for analysis of soil samples collected in 2 or 4 oz jars.

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer
**INORGANIC ANALYTICAL REPORT**

**Client:** PacifiCorp - Huntington Plant  
**Contact:** Russell Willson

**Project:** Historic Scrubber Pond Closure - CCR / 3000107488

**Lab Sample ID:** 1509566-002  
**Client Sample ID:** Soil Sample #2

**Collection Date:** 9/24/2015  905h  
**Received Date:** 9/29/2015  1025h

### Analytical Results

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<th>Compound</th>
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<th>Method Used</th>
<th>Reporting Limit</th>
<th>Analytical Result</th>
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<td>Cadmium</td>
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<td>Chromium</td>
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<td>Lead</td>
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<td>&lt; 0.0100</td>
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</tbody>
</table>

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QA Officer

Report Date: 10/6/2015  Page 3 of 17

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**INORGANIC ANALYTICAL REPORT**

**Client:** PacifiCorp - Huntington Plant  
**Contact:** Russell Willson  
**Project:** Historic Scrubber Pond Closure - CCR / 3000107488  
**Lab Sample ID:** 1509566-002  
**Client Sample ID:** Soil Sample #2  
**Collection Date:** 9/24/2015 905h  
**Received Date:** 9/29/2015 1025h

**Analytical Results**

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<th>Compound</th>
<th>Units</th>
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<th>Date Analyzed</th>
<th>Method Used</th>
<th>Reporting Limit</th>
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<td>8.70</td>
<td>H</td>
<td></td>
</tr>
</tbody>
</table>

_H - Sample was received outside of the holding time._

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Kyle F. Gross  
Laboratory Director  

Jose Rocha  
QA Officer
### ORGANIC ANALYTICAL REPORT

**Client:** PacifiCorp - Huntington Plant  
**Contact:** Russell Willson  
**Project:** Historic Scrubber Pond Closure - CCR / 3000107488  
**Lab Sample ID:** 1509566-002A  
**Client Sample ID:** Soil Sample #2  
**Collection Date:** 9/24/2015  
**Received Date:** 9/29/2015  
**Test Code:** 8015-S-TPH-3546  
**Extracted:** 9/29/2015  
**Units:** mg/kg-dry  
**Dilution Factor:** 1  
**Method:** SW8015D  
**Method:** 8015D Mod/3546

### Analytical Results

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<th>Amount Spiked</th>
<th>% REC</th>
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<th>Qual</th>
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</thead>
<tbody>
<tr>
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<td>17.1</td>
<td>34.43</td>
<td>49.6</td>
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</table>

**Kyle F. Gross**  
Laboratory Director

**Jose Rocha**  
QA Officer

---

*Report Date: 10/6/2015*
ORGANIC ANALYTICAL REPORT

Client: PacifiCorp - Huntington Plant  Contact: Russell Willson
Project: Historic Scrubber Pond Closure - CCR / 3000107488
Lab Sample ID: 1509566-002A
Client Sample ID: Soil Sample #2
Collection Date: 9/24/2015 9:05h
Received Date: 9/29/2015 10:25h

Test Code: 8260-S-PPM

Analytical Results

VOAs MBTEXN/GRO by GC/MS Method 8260C

Analyzed: 9/30/2015 12:53h
Units: mg/kg-dry

Dilution Factor: 2.49
Method: SW8260C

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Surrogate

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<tr>
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<th>Result</th>
<th>Amount Spiked</th>
<th>% REC</th>
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<tbody>
<tr>
<td>Surr: 1,2-Dichloroethane-d4</td>
<td>17060-07-0</td>
<td>0.139</td>
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<td>Surr: Toluene-d8</td>
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</tr>
</tbody>
</table>

Sampling and analytical preparation performed by method 5030C modified for analysis of soil samples collected in 2 or 4 oz jars.

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web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer
# Inorganic Analytical Report

**Client:** PacifiCorp - Huntington Plant  
**Project:** Historic Scrubber Pond Closure - CCR / 3000107488  
**Lab Sample ID:** 1509566-003  
**Client Sample ID:** Soil Sample #3  
**Collection Date:** 9/25/2015 1530h  
**Received Date:** 9/29/2015 1025h

## Analytical Results

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<th>Date Analyzed</th>
<th>Method Used</th>
<th>Reporting Limit</th>
<th>Analytical Result</th>
<th>Qual</th>
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</thead>
<tbody>
<tr>
<td>Arsenic</td>
<td>mg/L</td>
<td>10/4/2015 1417h</td>
<td>10/6/2015 1251h</td>
<td>SW6020A</td>
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</tr>
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<td>Barium</td>
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<tr>
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<tr>
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<td>mg/L</td>
<td>10/4/2015 1417h</td>
<td>10/6/2015 1251h</td>
<td>SW6020A</td>
<td>0.0500</td>
<td>&lt; 0.0500</td>
<td></td>
</tr>
<tr>
<td>Mercury</td>
<td>mg/L</td>
<td>10/3/2015 1515h</td>
<td>10/3/2015 842h</td>
<td>SW7470A</td>
<td>0.0100</td>
<td>&lt; 0.0100</td>
<td></td>
</tr>
<tr>
<td>Selenium</td>
<td>mg/L</td>
<td>10/4/2015 1417h</td>
<td>10/6/2015 1251h</td>
<td>SW6020A</td>
<td>0.0100</td>
<td>&lt; 0.0100</td>
<td></td>
</tr>
<tr>
<td>Silver</td>
<td>mg/L</td>
<td>10/4/2015 1417h</td>
<td>10/6/2015 1251h</td>
<td>SW6020A</td>
<td>0.0100</td>
<td>&lt; 0.0100</td>
<td></td>
</tr>
</tbody>
</table>

Report Date: 10/6/2015  
Page 4 of 17

*All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NEILAC protocol. Reanalysis sampling information is located in the attached COC. Confidential Business Information. This report is provided for the exclusive use of the addressee, Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and to verify is in good faith and according to the rules of the trade and of science.*
## INORGANIC ANALYTICAL REPORT

**Client:** PacifiCorp - Huntington Plant  
**Contact:** Russell Willson  
**Project:** Historic Scrubber Pond Closure - CCR / 3000107488  
**Lab Sample ID:** 1509566-003  
**Client Sample ID:** Soil Sample #3  
**Collection Date:** 9/25/2015 1530h  
**Received Date:** 9/29/2015 1025h

### Analytical Results

<table>
<thead>
<tr>
<th>Compound</th>
<th>Units</th>
<th>Date Prepared</th>
<th>Date Analyzed</th>
<th>Method Used</th>
<th>Reporting Limit</th>
<th>Analytical Result</th>
<th>Qual</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH @ 25° C</td>
<td>pH Units</td>
<td>9/29/2015 1745h</td>
<td>SW9045D</td>
<td>1.00</td>
<td>8.51</td>
<td>H</td>
<td></td>
</tr>
</tbody>
</table>

_H - Sample was received outside of the holding time._

---

Phone: (801) 263-8686  
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Fax: (801) 263-8687  
e-mail: awal@awal-labs.com  

web: www.awal-labs.com

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer
### ORGANIC ANALYTICAL REPORT

**Client:** PacifiCorp - Huntington Plant  
**Contact:** Russell Willson  
**Project:** Historic Scrubber Pond Closure - CCR / 3000107488  
**Lab Sample ID:** 1509566-003A  
**Client Sample ID:** Soil Sample #3  
**Collection Date:** 9/25/2015  1530h  
**Received Date:** 9/29/2015  1025h  
**Test Code:** 8015-S-TPH-3546

**Analytical Results**  
**TPH-DRO (C10-C28) by Method 8015D Mod/3546**

<table>
<thead>
<tr>
<th>Compound</th>
<th>CAS Number</th>
<th>Reporting Limit</th>
<th>Analytical Result</th>
<th>Qual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diesel Range Organics (DRO) (C10-C28)</td>
<td>68476-34-6</td>
<td>21.1</td>
<td>59.8</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Surrogate</th>
<th>CAS</th>
<th>Result</th>
<th>Amount Spiked</th>
<th>% REC</th>
<th>Limits</th>
<th>Qual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surr: 4-Bromofluorobenzene</td>
<td>460-00-4</td>
<td>19.9</td>
<td>35.20</td>
<td>56.6</td>
<td>10-122</td>
<td></td>
</tr>
</tbody>
</table>

---

**3440 South 700 West**  
Salt Lake City, UT  84119  

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Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

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**ORGANIC ANALYTICAL REPORT**

Client:  Pacificorp - Huntington Plant  
**Contact:**  Russell Willson  
**Project:**  Historic Scrubber Pond Closure - CCR / 3000107488  
**Lab Sample ID:**  1509566-003A  
**Client Sample ID:**  Soil Sample #3  
**Collection Date:**  9/25/2015  1530h  
**Received Date:**  9/29/2015  1025h  
**Test Code:**  8260-S-PPM  

**VOAs MBTEXN/GRO by GC/MS Method 8260C**

**Analytical Results**

<table>
<thead>
<tr>
<th>Analyzed</th>
<th>9/30/2015 1314h</th>
</tr>
</thead>
<tbody>
<tr>
<td>Units</td>
<td>mg/kg-dry</td>
</tr>
<tr>
<td>Dilution Factor</td>
<td>2.51</td>
</tr>
<tr>
<td>Method</td>
<td>SW8260C</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Compound</th>
<th>CAS Number</th>
<th>Reporting Limit</th>
<th>Analytical Result</th>
<th>Qual</th>
</tr>
</thead>
<tbody>
<tr>
<td>TPH C6-C10 (GRO)</td>
<td></td>
<td>0.0536</td>
<td>&lt; 0.0536</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Surrogate</th>
<th>CAS</th>
<th>Result</th>
<th>Amount Spiked</th>
<th>% REC</th>
<th>Limits</th>
<th>Qual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surr: 1,2-Dichloroethane-d4</td>
<td>17060-07-0</td>
<td>0.144</td>
<td>0.1341</td>
<td>107</td>
<td>51-170</td>
<td></td>
</tr>
<tr>
<td>Surr: 4-Bromonofluorobenzene</td>
<td>460-00-4</td>
<td>0.132</td>
<td>0.1341</td>
<td>98.3</td>
<td>63-144</td>
<td></td>
</tr>
<tr>
<td>Surr: Dibromonofluoromethane</td>
<td>1868-53-7</td>
<td>0.137</td>
<td>0.1341</td>
<td>102</td>
<td>63-145</td>
<td></td>
</tr>
<tr>
<td>Surr: Toluene-d8</td>
<td>2037-26-5</td>
<td>0.133</td>
<td>0.1341</td>
<td>99.0</td>
<td>50-138</td>
<td></td>
</tr>
</tbody>
</table>

*Sampling and analytical preparation performed by method 5030C modified for analysis of soil samples collected in 2 or 4 oz jars.*
INORGANIC ANALYTICAL REPORT

Client: Pacificorp - Huntington Plant  
Contact: Russell Wilzon

Project: Historic Scrubber Pond Closure - CCR / 3000107488

Lab Sample ID: 1509566-004
Client Sample ID: Soil Sample #4
Collection Date: 9/25/2015 1540h
Received Date: 9/29/2015 1025h

<table>
<thead>
<tr>
<th>Compound</th>
<th>Units</th>
<th>TCLP Prep Date</th>
<th>Date Prepared</th>
<th>Date Analyzed</th>
<th>Method Used</th>
<th>Reporting Limit</th>
<th>Analytical Result</th>
<th>Qual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arsenic</td>
<td>mg/L</td>
<td>10/4/2015</td>
<td>1417h</td>
<td>10/6/2015</td>
<td>1304h</td>
<td>SW6020A</td>
<td>0.0100</td>
<td>&lt; 0.0100</td>
</tr>
<tr>
<td>Barium</td>
<td>mg/L</td>
<td>10/4/2015</td>
<td>1417h</td>
<td>10/6/2015</td>
<td>1304h</td>
<td>SW6020A</td>
<td>0.0500</td>
<td>0.495</td>
</tr>
<tr>
<td>Cadmium</td>
<td>mg/L</td>
<td>10/4/2015</td>
<td>1417h</td>
<td>10/6/2015</td>
<td>1304h</td>
<td>SW6020A</td>
<td>0.00250</td>
<td>&lt; 0.00250</td>
</tr>
<tr>
<td>Chromium</td>
<td>mg/L</td>
<td>10/4/2015</td>
<td>1417h</td>
<td>10/6/2015</td>
<td>1304h</td>
<td>SW6020A</td>
<td>0.0100</td>
<td>&lt; 0.0100</td>
</tr>
<tr>
<td>Lead</td>
<td>mg/L</td>
<td>10/4/2015</td>
<td>1417h</td>
<td>10/6/2015</td>
<td>1304h</td>
<td>SW6020A</td>
<td>0.0500</td>
<td>&lt; 0.0500</td>
</tr>
<tr>
<td>Mercury</td>
<td>mg/L</td>
<td>10/5/2015</td>
<td>1515h</td>
<td>10/7/2015</td>
<td>144h</td>
<td>SW7470A</td>
<td>0.0100</td>
<td>&lt; 0.0100</td>
</tr>
<tr>
<td>Selenium</td>
<td>mg/L</td>
<td>10/4/2015</td>
<td>1417h</td>
<td>10/6/2015</td>
<td>1304h</td>
<td>SW6020A</td>
<td>0.0100</td>
<td>&lt; 0.0100</td>
</tr>
<tr>
<td>Silver</td>
<td>mg/L</td>
<td>10/4/2015</td>
<td>1417h</td>
<td>10/6/2015</td>
<td>1304h</td>
<td>SW6020A</td>
<td>0.0100</td>
<td>&lt; 0.0100</td>
</tr>
</tbody>
</table>

Report Date: 10/6/2015  Page 5 of 17

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

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**INORGANIC ANALYTICAL REPORT**

Client: PacifiCorp - Huntington Plant  
Contact: Russell Willson

Project: Historic Scrubber Pond Closure - CCR / 3000107488

Lab Sample ID: 1509556-004  
Client Sample ID: Soil Sample #4

Collection Date: 9/25/2015 1540h  
Received Date: 9/29/2015 1025h

### Analytical Results

<table>
<thead>
<tr>
<th>Compound</th>
<th>Units</th>
<th>Date Prepared</th>
<th>Date Analyzed</th>
<th>Method Used</th>
<th>Reporting Limit</th>
<th>Analytical Result</th>
<th>Qual</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH @ 25°C</td>
<td>pH Units</td>
<td>9/29/2015 1745h</td>
<td>SW9045D</td>
<td>1.00</td>
<td>8.07</td>
<td>H</td>
<td></td>
</tr>
</tbody>
</table>

*H - Sample was received outside of the holding time.*

---

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer

---

Report Date: 10/6/2015  
Page 9 of 17
**ORGANIC ANALYTICAL REPORT**

**Client:** PacifiCorp - Huntington Plant  
**Contact:** Russell Willson

**Project:** Historic Scrubber Pond Closure - CCR/ 3000107488

**Lab Sample ID:** 1509566-004A  
**Client Sample ID:** Soil Sample #4

**Collection Date:** 9/25/2015 1540h  
**Received Date:** 9/29/2015 1025h

Test Code: 8015-S-TPH-3546

**Analytical Results**  
TPH-DRO (C10-C28) by Method 8015D Mod/3546

<table>
<thead>
<tr>
<th>Analyzed</th>
<th>9/30/2015 1343h</th>
<th>Extracted</th>
<th>9/29/2015 1355h</th>
<th>Dilution Factor</th>
<th>1</th>
<th>Method</th>
<th>SW8015D</th>
</tr>
</thead>
<tbody>
<tr>
<td>Units</td>
<td>mg/kg-dry</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Compound**  
Diesel Range Organics (DRO) (C10-C28)  
CAS Number: 68476-34-6

**Reporting Limit**  
21.2

**Analytical Result**  
34.9

<table>
<thead>
<tr>
<th>Surrogate</th>
<th>CAS</th>
<th>Result</th>
<th>Amount Spiked</th>
<th>% REC</th>
<th>Limits</th>
<th>Qual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sur: 4-Bromofluorobenzene</td>
<td>460-00-4</td>
<td>19.6</td>
<td>35.28</td>
<td>55.5</td>
<td>10-122</td>
<td></td>
</tr>
</tbody>
</table>

Kyle F. Gross  
Laboratory Director

Jose Rocha  
QA Officer
**ORGANIC ANALYTICAL REPORT**

Client: PacifiCorp - Huntington Plant  
Contact: Russell Willson  
Project: Historic Scrubber Pond Closure - CCR / 3000107488  
Lab Sample ID: 1509566-004A  
Client Sample ID: Soil Sample #4  
Collection Date: 9/25/2015 1540h  
Received Date: 9/29/2015 1025h  

Test Code: 8260-S-PPM  

Analytical Results  

VOAs MBTEXN/GRO by GC/MS Method 8260C  

**Analysis:** 9/30/2015 1334h  
**Units:** mg/kg-dry  
**Dilution Factor:** 2.51  
**Method:** SW8260C  

<table>
<thead>
<tr>
<th>Compound</th>
<th>CAS Number</th>
<th>Reporting Limit</th>
<th>Analytical Result</th>
<th>Qual</th>
</tr>
</thead>
<tbody>
<tr>
<td>TPH C6-C10 (GRO)</td>
<td></td>
<td>0.0540</td>
<td>0.0586</td>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Surrogate</th>
<th>CAS</th>
<th>Result</th>
<th>Amount Spiked</th>
<th>% REC</th>
<th>Limits</th>
<th>Qual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sur: 1,2-Dichloroethane-d4</td>
<td>17060-07-0</td>
<td>0.144</td>
<td>0.1351</td>
<td>107</td>
<td>51-170</td>
<td></td>
</tr>
<tr>
<td>Sur: 4-Bromofluorobenzene</td>
<td>460-00-4</td>
<td>0.131</td>
<td>0.1351</td>
<td>96.8</td>
<td>60-144</td>
<td></td>
</tr>
<tr>
<td>Sur: Dibromofluoromethane</td>
<td>1868-53-7</td>
<td>0.137</td>
<td>0.1351</td>
<td>101</td>
<td>60-145</td>
<td></td>
</tr>
<tr>
<td>Sur: Toluene-d8</td>
<td>2037-26-5</td>
<td>0.133</td>
<td>0.1351</td>
<td>98.3</td>
<td>50-138</td>
<td></td>
</tr>
</tbody>
</table>

*Sampling and analytical preparation performed by method 5030C modified for analysis of soil samples collected in 2 or 4 oz jars.*

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Laboratory Director  

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QA Officer  

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Salt Lake City, UT 84119  

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