## CEM - 2010 (Quarterly)

### 01A - Power boiler #1

**Nitrogen Oxides**

<table>
<thead>
<tr>
<th>Test Date Range:</th>
<th>July 1 - September 30</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Hours of Data Collected:</td>
<td>0 hrs</td>
</tr>
<tr>
<td>Permitted Flow Limit:</td>
<td>7600 m3/min</td>
</tr>
<tr>
<td>Average Measured CEM Flow:</td>
<td>52 mg/m3</td>
</tr>
<tr>
<td>Contaminant Permit Limit Value:</td>
<td>35 mg/m3</td>
</tr>
<tr>
<td>Minimum Hourly Average Test Result:</td>
<td>0 mg/m3</td>
</tr>
<tr>
<td>Date/Time of Minimum Hourly Average Test Result:</td>
<td>Jul 01 2010</td>
</tr>
<tr>
<td>Maximum Hourly Average Test Result:</td>
<td>0 mg/m3</td>
</tr>
<tr>
<td>Date/Time of Maximum Hourly Average Test Result:</td>
<td>Jul 01 2010</td>
</tr>
<tr>
<td>Average of Test Results Over the Quarter:</td>
<td>0 mg/m3</td>
</tr>
<tr>
<td>98th Percentile Value:</td>
<td>0 mg/m3</td>
</tr>
<tr>
<td>Data Recovery:</td>
<td>100 %</td>
</tr>
<tr>
<td>Comments:</td>
<td>unit 1 did not operate during this quarter</td>
</tr>
</tbody>
</table>

### 01B - Power boiler #1

**Nitrogen Oxides**

<table>
<thead>
<tr>
<th>Test Date Range:</th>
<th>July 1 - September 30</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Hours of Data Collected:</td>
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<td>7600 m3/min</td>
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<tr>
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<tr>
<td>Contaminant Permit Limit Value:</td>
<td>35 mg/m3</td>
</tr>
<tr>
<td>Minimum Hourly Average Test Result:</td>
<td>0 mg/m3</td>
</tr>
<tr>
<td>Date/Time of Minimum Hourly Average Test Result:</td>
<td>Jul 01 2010</td>
</tr>
<tr>
<td>Maximum Hourly Average Test Result:</td>
<td>0 mg/m3</td>
</tr>
<tr>
<td>Date/Time of Maximum Hourly Average Test Result:</td>
<td>Jul 01 2010</td>
</tr>
<tr>
<td>Average of Test Results Over the Quarter:</td>
<td>0 mg/m3</td>
</tr>
<tr>
<td>98th Percentile Value:</td>
<td>0 mg/m3</td>
</tr>
<tr>
<td>Data Recovery:</td>
<td>100 %</td>
</tr>
<tr>
<td>Comments:</td>
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</tbody>
</table>

### 02A - Power boiler #2

**Nitrogen Oxides**

<table>
<thead>
<tr>
<th>Test Date Range:</th>
<th>July 1 - September 30</th>
</tr>
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<tbody>
<tr>
<td>Total Hours of Data Collected:</td>
<td>0 hrs</td>
</tr>
<tr>
<td>Permitted Flow Limit:</td>
<td>7600 m3/min</td>
</tr>
<tr>
<td>Average Measured CEM Flow:</td>
<td>52 mg/m3</td>
</tr>
<tr>
<td>Contaminant Permit Limit Value:</td>
<td>35 mg/m3</td>
</tr>
<tr>
<td>Minimum Hourly Average Test Result:</td>
<td>0 mg/m3</td>
</tr>
<tr>
<td>Date/Time of Minimum Hourly Average Test Result:</td>
<td>Jul 01 2010</td>
</tr>
<tr>
<td>Maximum Hourly Average Test Result:</td>
<td>0 mg/m3</td>
</tr>
<tr>
<td>Date/Time of Maximum Hourly Average Test Result:</td>
<td>Jul 01 2010</td>
</tr>
<tr>
<td>Average of Test Results Over the Quarter:</td>
<td>0 mg/m3</td>
</tr>
<tr>
<td>98th Percentile Value:</td>
<td>0 mg/m3</td>
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<tr>
<td>Data Recovery:</td>
<td>100 %</td>
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<tr>
<td>Comments:</td>
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### 02B - Power boiler #2

**Nitrogen Oxides**

<table>
<thead>
<tr>
<th>Test Date Range:</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Total Hours of Data Collected:</td>
<td>0 hrs</td>
</tr>
<tr>
<td>Permitted Flow Limit:</td>
<td>7600 m3/min</td>
</tr>
<tr>
<td>Average Measured CEM Flow:</td>
<td>35 mg/m3</td>
</tr>
<tr>
<td>Contaminant Permit Limit Value:</td>
<td>35 mg/m3</td>
</tr>
<tr>
<td>Test Date Range:</td>
<td>July 1 - September 30</td>
</tr>
<tr>
<td>-----------------</td>
<td>-----------------------</td>
</tr>
<tr>
<td>Total Hours of Data Collected:</td>
<td>0 hrs</td>
</tr>
<tr>
<td>Permitted Flow Limit:</td>
<td>7600 m3/min</td>
</tr>
<tr>
<td>Average Measured CEM Flow:</td>
<td>52 mg/m3</td>
</tr>
<tr>
<td>Contaminant Permit Limit Value:</td>
<td>35 mg/m3</td>
</tr>
<tr>
<td>Minimum Hourly Average Test Result:</td>
<td>0 mg/m3</td>
</tr>
<tr>
<td>Date/Time of Minimum Hourly Average Test Result:</td>
<td>Jul 01 2010</td>
</tr>
<tr>
<td>Maximum Hourly Average Test Result:</td>
<td>0 mg/m3</td>
</tr>
<tr>
<td>Date/Time of Maximum Hourly Average Test Result:</td>
<td>Jul 01 2010</td>
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<tr>
<td>Average of Test Results Over the Quarter:</td>
<td>0 mg/m3</td>
</tr>
<tr>
<td>98th Percentile Value:</td>
<td>0 mg/m3</td>
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<tr>
<td>Data Recovery:</td>
<td>100 %</td>
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<tr>
<td>Comments:</td>
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**04A - Power boiler #4**

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<th>July 1 - September 30</th>
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<tbody>
<tr>
<td>Total Hours of Data Collected:</td>
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<tr>
<td>Permitted Flow Limit:</td>
<td>7600 m3/min</td>
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<tr>
<td>Average Measured CEM Flow:</td>
<td>52 mg/m3</td>
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<tr>
<td>Contaminant Permit Limit Value:</td>
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<tr>
<td>Minimum Hourly Average Test Result:</td>
<td>16.9 mg/m3</td>
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<tr>
<td>Date/Time of Minimum Hourly Average Test Result:</td>
<td>Jul 22 2010</td>
</tr>
<tr>
<td>Maximum Hourly Average Test Result:</td>
<td>31.7 mg/m3</td>
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<tr>
<td>Date/Time of Maximum Hourly Average Test Result:</td>
<td>Jul 23 2010</td>
</tr>
<tr>
<td>Average of Test Results Over the Quarter:</td>
<td>30.6 mg/m3</td>
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<tr>
<td>98th Percentile Value:</td>
<td>31.61 mg/m3</td>
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<tr>
<td>Data Recovery:</td>
<td>100 %</td>
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<tr>
<td>Comments:</td>
<td>unit 3 did not operate during this quarter</td>
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<td>Nitrogen Oxides</td>
<td>Test Date Range: July 1 - September 30</td>
</tr>
<tr>
<td>----------------</td>
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</tr>
<tr>
<td></td>
<td>Total Hours of Data Collected: 46 hrs</td>
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<tr>
<td></td>
<td>Permitted Flow Limit: 7600 m3/min</td>
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<td>Average Measured CEM Flow:</td>
<td></td>
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<tr>
<td>Contaminant Permit Limit Value:</td>
<td>35 mg/m3</td>
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<tr>
<td>Minimum Hourly Average Test Result:</td>
<td>3.5 mg/m3</td>
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<tr>
<td>Date/Time of Minimum Hourly Average Test Result:</td>
<td>Jul 21 2010</td>
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<tr>
<td>Maximum Hourly Average Test Result:</td>
<td>15.3 mg/m3</td>
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<tr>
<td>Date/Time of Maximum Hourly Average Test Result:</td>
<td>Jul 23 2010</td>
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<tr>
<td>Average of Test Results Over the Quarter:</td>
<td>12.009 mg/m3</td>
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<tr>
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<td>15.3 mg/m3</td>
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<tr>
<td>Data Recovery:</td>
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<td>Comments:</td>
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05A - Power boiler #5

<table>
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<tr>
<th>Nitrogen Oxides</th>
<th>Test Date Range: July 1 - September 30</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Total Hours of Data Collected: 39 hrs</td>
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<tr>
<td></td>
<td>Permitted Flow Limit: 7600 m3/min</td>
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<tr>
<td>Average Measured CEM Flow:</td>
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<tr>
<td>Contaminant Permit Limit Value:</td>
<td>52 mg/m3</td>
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<tr>
<td>Minimum Hourly Average Test Result:</td>
<td>2.8 mg/m3</td>
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<tr>
<td>Date/Time of Minimum Hourly Average Test Result:</td>
<td>Jul 22 2010</td>
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<tr>
<td>Maximum Hourly Average Test Result:</td>
<td>31.5 mg/m3</td>
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<tr>
<td>Date/Time of Maximum Hourly Average Test Result:</td>
<td>Jul 23 2010</td>
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<tr>
<td>Average of Test Results Over the Quarter:</td>
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<tr>
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<td>Data Recovery:</td>
<td>100 %</td>
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<tr>
<td>Comments:</td>
<td></td>
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05B - Power boiler #5

<table>
<thead>
<tr>
<th>Nitrogen Oxides</th>
<th>Test Date Range: July 1 - September 30</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Total Hours of Data Collected: 39 hrs</td>
</tr>
<tr>
<td></td>
<td>Permitted Flow Limit: 7600 m3/min</td>
</tr>
<tr>
<td>Average Measured CEM Flow:</td>
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</tr>
<tr>
<td>Contaminant Permit Limit Value:</td>
<td>35 mg/m3</td>
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<tr>
<td>Minimum Hourly Average Test Result:</td>
<td>8.7 mg/m3</td>
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<tr>
<td>Date/Time of Minimum Hourly Average Test Result:</td>
<td>Sep 29 2010</td>
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<td>Maximum Hourly Average Test Result:</td>
<td>30 mg/m3</td>
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<tr>
<td>Date/Time of Maximum Hourly Average Test Result:</td>
<td>Jul 23 2010</td>
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<tr>
<td>Average of Test Results Over the Quarter:</td>
<td>27.518 mg/m3</td>
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<tr>
<td>98th Percentile Value:</td>
<td>30 mg/m3</td>
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<tr>
<td>Data Recovery:</td>
<td>100 %</td>
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<tr>
<td>Comments:</td>
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</tr>
</tbody>
</table>

06A - Power boiler #6

<table>
<thead>
<tr>
<th>Nitrogen Oxides</th>
<th>Test Date Range: July 1 - September 30</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Total Hours of Data Collected: 39 hrs</td>
</tr>
<tr>
<td></td>
<td>Permitted Flow Limit: 7600 m3/min</td>
</tr>
<tr>
<td>Average Measured CEM Flow:</td>
<td></td>
</tr>
<tr>
<td>Contaminant Permit Limit Value:</td>
<td>52 mg/m3</td>
</tr>
<tr>
<td>Minimum Hourly Average Test Result:</td>
<td>13.1 mg/m3</td>
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<tr>
<td>Date/Time of Minimum Hourly Average Test Result:</td>
<td>Jul 22 2010</td>
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<td>Maximum Hourly Average Test Result:</td>
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<td>Date/Time of Maximum Hourly Average Test Result:</td>
<td>Jul 22 2010</td>
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<tr>
<td>Average of Test Results Over the Quarter:</td>
<td>28.038 mg/m³</td>
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<td>98th Percentile Value:</td>
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<tr>
<td>Data Recovery:</td>
<td>100 %</td>
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<tr>
<td>Comments:</td>
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</tr>
</tbody>
</table>

**06B - Power boiler #6**

**Nitrogen Oxides**

| Test Date Range: | July 1 - September 30 |
| Total Hours of Data Collected: | 39 hrs |
| Permitted Flow Limit: | 7600 m³/min |
| Average Measured CEM Flow: | 35 mg/m³ |
| Contaminant Permit Limit Value: | 7.6 mg/m³ |
| Minimum Hourly Average Test Result: | 
| Date/Time of Minimum Hourly Average Test Result: | Aug 13 2010 |
| Maximum Hourly Average Test Result: | 30.7 mg/m³ |
| Date/Time of Maximum Hourly Average Test Result: | Jul 22 2010 |
| Average of Test Results Over the Quarter: | 27.646 mg/m³ |
| 98th Percentile Value: | 30.472 mg/m³ |
| Data Recovery: | 100 % |
| Comments: | |