

# CEM - 2013 (Quarterly)

British Columbia Hydro and Power Authority

Permit: 0330 / Due Date: October 30, 2013

01A - Power boiler #1	
Nitrogen Oxides	
Test Date Range:	July 1 - September 30
Total Hours of Data Collected:	0.00 hours
Permitted Flow Limit:	7600.00 m3/min
Contaminant Permit Limit:	52.0000 mg/m3
Minimum Hourly Average Test Result:	0.000 mg/m3
Date/Time of Minimum Hourly Average Test Result:	July 01, 2013
Maximum Hourly Average Test Result:	0.000 mg/m3
Date/Time of Maximum Hourly Average Test Result:	July 01, 2013
Average of Test Results Over the Quarter:	0.000 mg/m3
98th Percentile Value:	0.000 mg/m3
Data Recovery:	100.000 %
Comments:	unit 1 did not operate during this quarter
01B - Power boiler #1	
Nitrogen Oxides	
Test Date Range:	July 1 - September 30
Total Hours of Data Collected:	0.00 hours
Permitted Flow Limit:	7600.00 m3/min
Contaminant Permit Limit:	35.0000 mg/m3
Minimum Hourly Average Test Result:	0.000 mg/m3
Date/Time of Minimum Hourly Average Test Result:	July 01, 2013
Maximum Hourly Average Test Result:	0.000 mg/m3
Date/Time of Maximum Hourly Average Test Result:	July 01, 2013
Average of Test Results Over the Quarter:	0.000 mg/m3
98th Percentile Value:	0.000 mg/m3
Data Recovery:	100.000 %
Comments:	unit 1 did not operate during htis quarter

<b>02A - Power boiler #2</b>	
<b>Nitrogen Oxides</b>	
<b>Test Date Range:</b>	July 1 - September 30
<b>Total Hours of Data Collected:</b>	0.00 hours
<b>Permitted Flow Limit:</b>	7600.00 m3/min
<b>Contaminant Permit Limit:</b>	52.0000 mg/m3
<b>Minimum Hourly Average Test Result:</b>	0.000 mg/m3
<b>Date/Time of Minimum Hourly Average Test Result:</b>	July 01, 2013
<b>Maximum Hourly Average Test Result:</b>	0.000 mg/m3
<b>Date/Time of Maximum Hourly Average Test Result:</b>	July 01, 2013
<b>Average of Test Results Over the Quarter:</b>	0.000 mg/m3
<b>98th Percentile Value:</b>	0.000 mg/m3
<b>Data Recovery:</b>	100.000 %
<b>Comments:</b>	unit 2 did not operate during this quarter
<b>02B - Power boiler #2</b>	
<b>Nitrogen Oxides</b>	
<b>Test Date Range:</b>	July 1 - September 30
<b>Total Hours of Data Collected:</b>	0.00 hours
<b>Permitted Flow Limit:</b>	7600.00 m3/min
<b>Contaminant Permit Limit:</b>	35.0000 mg/m3
<b>Minimum Hourly Average Test Result:</b>	0.000 mg/m3
<b>Date/Time of Minimum Hourly Average Test Result:</b>	July 01, 2013
<b>Maximum Hourly Average Test Result:</b>	0.000 mg/m3
<b>Date/Time of Maximum Hourly Average Test Result:</b>	July 01, 2013
<b>Average of Test Results Over the Quarter:</b>	0.000 mg/m3
<b>98th Percentile Value:</b>	0.000 mg/m3
<b>Data Recovery:</b>	100.000 %
<b>Comments:</b>	unit 2 did not operate during this quarter

<b>03A - Power boiler #3</b>	
<b>Nitrogen Oxides</b>	
<b>Test Date Range:</b>	July 1 - September 30
<b>Total Hours of Data Collected:</b>	0.00 hours
<b>Permitted Flow Limit:</b>	7600.00 m3/min
<b>Contaminant Permit Limit:</b>	52.0000 mg/m3
<b>Minimum Hourly Average Test Result:</b>	0.000 mg/m3
<b>Date/Time of Minimum Hourly Average Test Result:</b>	July 01, 2013
<b>Maximum Hourly Average Test Result:</b>	0.000 mg/m3
<b>Date/Time of Maximum Hourly Average Test Result:</b>	July 01, 2013
<b>Average of Test Results Over the Quarter:</b>	0.000 mg/m3
<b>98th Percentile Value:</b>	0.000 mg/m3
<b>Data Recovery:</b>	100.000 %
<b>Comments:</b>	unit 3 did not operate during this quarter
<b>03B - Power boiler #3</b>	
<b>Nitrogen Oxides</b>	
<b>Test Date Range:</b>	July 1 - September 30
<b>Total Hours of Data Collected:</b>	0.00 hours
<b>Permitted Flow Limit:</b>	7600.00 m3/min
<b>Contaminant Permit Limit:</b>	35.0000 mg/m3
<b>Minimum Hourly Average Test Result:</b>	0.000 mg/m3
<b>Date/Time of Minimum Hourly Average Test Result:</b>	July 01, 2013
<b>Maximum Hourly Average Test Result:</b>	0.000 mg/m3
<b>Date/Time of Maximum Hourly Average Test Result:</b>	July 01, 2013
<b>Average of Test Results Over the Quarter:</b>	0.000 mg/m3
<b>98th Percentile Value:</b>	0.000 mg/m3
<b>Data Recovery:</b>	100.000 %
<b>Comments:</b>	unit 3 did not operate during this quarter

<b>04A - Power boiler #4</b>	
<b>Nitrogen Oxides</b>	
<b>Test Date Range:</b>	July 1 - September 30
<b>Total Hours of Data Collected:</b>	80.00 hours
<b>Permitted Flow Limit:</b>	7600.00 m3/min
<b>Contaminant Permit Limit:</b>	52.0000 mg/m3
<b>Minimum Hourly Average Test Result:</b>	1.200 mg/m3
<b>Date/Time of Minimum Hourly Average Test Result:</b>	September 23, 2013
<b>Maximum Hourly Average Test Result:</b>	47.900 mg/m3
<b>Date/Time of Maximum Hourly Average Test Result:</b>	September 27, 2013
<b>Average of Test Results Over the Quarter:</b>	28.019 mg/m3
<b>98th Percentile Value:</b>	35.334 mg/m3
<b>Data Recovery:</b>	100.000 %
<b>Comments:</b>	
<b>04B - Power boiler #4</b>	
<b>Nitrogen Oxides</b>	
<b>Test Date Range:</b>	July 1 - September 30
<b>Total Hours of Data Collected:</b>	80.00 hours
<b>Permitted Flow Limit:</b>	7600.00 m3/min
<b>Contaminant Permit Limit:</b>	35.0000 mg/m3
<b>Minimum Hourly Average Test Result:</b>	2.600 mg/m3
<b>Date/Time of Minimum Hourly Average Test Result:</b>	August 30, 2013
<b>Maximum Hourly Average Test Result:</b>	13.000 mg/m3
<b>Date/Time of Maximum Hourly Average Test Result:</b>	September 25, 2013
<b>Average of Test Results Over the Quarter:</b>	11.150 mg/m3
<b>98th Percentile Value:</b>	12.942 mg/m3
<b>Data Recovery:</b>	100.000 %
<b>Comments:</b>	

<b>05A - Power boiler #5</b>	
<b>Nitrogen Oxides</b>	
<b>Test Date Range:</b>	July 1 - September 30
<b>Total Hours of Data Collected:</b>	4.00 hours
<b>Permitted Flow Limit:</b>	7600.00 m3/min
<b>Contaminant Permit Limit:</b>	52.0000 mg/m3
<b>Minimum Hourly Average Test Result:</b>	24.200 mg/m3
<b>Date/Time of Minimum Hourly Average Test Result:</b>	August 29, 2013
<b>Maximum Hourly Average Test Result:</b>	31.800 mg/m3
<b>Date/Time of Maximum Hourly Average Test Result:</b>	August 29, 2013
<b>Average of Test Results Over the Quarter:</b>	27.200 mg/m3
<b>98th Percentile Value:</b>	31.488 mg/m3
<b>Data Recovery:</b>	100.000 %
<b>Comments:</b>	
<b>05B - Power boiler #5</b>	
<b>Nitrogen Oxides</b>	
<b>Test Date Range:</b>	July 1 - September 30
<b>Total Hours of Data Collected:</b>	4.00 hours
<b>Permitted Flow Limit:</b>	7600.00 m3/min
<b>Contaminant Permit Limit:</b>	35.0000 mg/m3
<b>Minimum Hourly Average Test Result:</b>	5.100 mg/m3
<b>Date/Time of Minimum Hourly Average Test Result:</b>	August 29, 2013
<b>Maximum Hourly Average Test Result:</b>	8.500 mg/m3
<b>Date/Time of Maximum Hourly Average Test Result:</b>	August 29, 2013
<b>Average of Test Results Over the Quarter:</b>	6.875 mg/m3
<b>98th Percentile Value:</b>	8.440 mg/m3
<b>Data Recovery:</b>	100.000 %
<b>Comments:</b>	

<b>06A - Power boiler #6</b>	
<b>Nitrogen Oxides</b>	
<b>Test Date Range:</b>	July 1 - September 30
<b>Total Hours of Data Collected:</b>	61.00 hours
<b>Permitted Flow Limit:</b>	7600.00 m3/min
<b>Contaminant Permit Limit:</b>	52.0000 mg/m3
<b>Minimum Hourly Average Test Result:</b>	20.300 mg/m3
<b>Date/Time of Minimum Hourly Average Test Result:</b>	August 28, 2013
<b>Maximum Hourly Average Test Result:</b>	46.100 mg/m3
<b>Date/Time of Maximum Hourly Average Test Result:</b>	August 22, 2013
<b>Average of Test Results Over the Quarter:</b>	29.648 mg/m3
<b>98th Percentile Value:</b>	41.800 mg/m3
<b>Data Recovery:</b>	92.500 %
<b>Comments:</b>	
<b>06B - Power boiler #6</b>	
<b>Nitrogen Oxides</b>	
<b>Test Date Range:</b>	July 1 - September 30
<b>Total Hours of Data Collected:</b>	61.00 hours
<b>Permitted Flow Limit:</b>	7600.00 m3/min
<b>Contaminant Permit Limit:</b>	35.0000 mg/m3
<b>Minimum Hourly Average Test Result:</b>	8.100 mg/m3
<b>Date/Time of Minimum Hourly Average Test Result:</b>	August 28, 2013
<b>Maximum Hourly Average Test Result:</b>	30.300 mg/m3
<b>Date/Time of Maximum Hourly Average Test Result:</b>	September 24, 2013
<b>Average of Test Results Over the Quarter:</b>	24.674 mg/m3
<b>98th Percentile Value:</b>	30.290 mg/m3
<b>Data Recovery:</b>	100.000 %
<b>Comments:</b>	