

# CEM - 2012 (Quarterly)

Chevron Canada Ltd.  
Permit: 0117 / Due Date: Apr 30 2012

19R - Fluid catalytic cracker (FCC) regenerator and waste heat boiler (WHB)	
<b>Nitrogen Oxides</b>	
Test Date Range:	January 1 - March 31
Total Hours of Data Collected:	2175 hrs
Permitted Flow Limit:	2450 m3/min
Average Measured CEM Flow:	
Contaminant Permit Limit Value:	860 kg/day
Minimum Hourly Average Test Result:	380 kg/day
Date/Time of Minimum Hourly Average Test Result:	Feb 28 2012
Maximum Hourly Average Test Result:	720 kg/day
Date/Time of Maximum Hourly Average Test Result:	Mar 26 2012
Average of Test Results Over the Quarter:	546 kg/day
98th Percentile Value:	716 kg/day
Data Recovery:	99.6 %
Comments:	
<b>Opacity</b>	
Test Date Range:	January 1 - March 31
Total Hours of Data Collected:	2184 hrs
Permitted Flow Limit:	2450 m3/min
Average Measured CEM Flow:	
Contaminant Permit Limit Value:	20 %
Minimum Hourly Average Test Result:	6 %
Date/Time of Minimum Hourly Average Test Result:	Jan 24 2012
Maximum Hourly Average Test Result:	17 %
Date/Time of Maximum Hourly Average Test Result:	Mar 01 2012
Average of Test Results Over the Quarter:	10 %
98th Percentile Value:	15 %
Data Recovery:	100 %
Comments:	
<b>Sulphur Oxides</b>	
Test Date Range:	January 1 - March 31
Total Hours of Data Collected:	2175 hrs
Permitted Flow Limit:	2450 m3/min
Average Measured CEM Flow:	
Contaminant Permit Limit Value:	3000 kg/day
Minimum Hourly Average Test Result:	778 kg/day
Date/Time of Minimum Hourly Average Test Result:	Feb 23 2012
Maximum Hourly Average Test Result:	1187 kg/day
Date/Time of Maximum Hourly Average Test Result:	Mar 11 2012
Average of Test Results Over the Quarter:	1006 kg/day
98th Percentile Value:	1109 kg/day
Data Recovery:	99.6 %
Comments:	