

# CEM - 2010 (Quarterly)

Chevron Canada Ltd.  
Permit: 0117 / Due Date: Oct 30 2010

19R - Fluid catalytic cracker (FCC) regenerator and waste heat boiler (WHB)	
<b>Nitrogen Oxides</b>	
Test Date Range:	July 1 - September 30
Total Hours of Data Collected:	1795 hrs
Permitted Flow Limit:	2450 m3/min
Average Measured CEM Flow:	
Contaminant Permit Limit Value:	860 kg/day
Minimum Hourly Average Test Result:	0 kg/day
Date/Time of Minimum Hourly Average Test Result:	Sep 17 2010
Maximum Hourly Average Test Result:	654 kg/day
Date/Time of Maximum Hourly Average Test Result:	Sep 07 2010
Average of Test Results Over the Quarter:	438 kg/day
98th Percentile Value:	634 kg/day
Data Recovery:	95.3 %
Comments:	
<b>Opacity</b>	
Test Date Range:	July 1 - September 30
Total Hours of Data Collected:	1884 hrs
Permitted Flow Limit:	2450 m3/min
Average Measured CEM Flow:	
Contaminant Permit Limit Value:	20 %
Minimum Hourly Average Test Result:	1.48 %
Date/Time of Minimum Hourly Average Test Result:	Sep 16 2010
Maximum Hourly Average Test Result:	15.85 %
Date/Time of Maximum Hourly Average Test Result:	Aug 23 2010
Average of Test Results Over the Quarter:	10.29 %
98th Percentile Value:	12.49 %
Data Recovery:	100 %
Comments:	
<b>Sulphur Oxides</b>	
Test Date Range:	July 1 - September 30
Total Hours of Data Collected:	1845 hrs
Permitted Flow Limit:	2450 m3/min
Average Measured CEM Flow:	
Contaminant Permit Limit Value:	3000 kg/day
Minimum Hourly Average Test Result:	0 kg/day
Date/Time of Minimum Hourly Average Test Result:	Sep 17 2010
Maximum Hourly Average Test Result:	1128 kg/day
Date/Time of Maximum Hourly Average Test Result:	Aug 23 2010
Average of Test Results Over the Quarter:	834 kg/day
98th Percentile Value:	1028 kg/day
Data Recovery:	97.9 %
Comments:	