

CEM - 2011 (Quarterly)

Chevron Canada Ltd.
Permit: 0117 / Due Date: Jul 30 2011

19R - Fluid catalytic cracker (FCC) regenerator and waste heat boiler (WHB)	
Nitrogen Oxides	
Test Date Range:	April 1 - June 30
Total Hours of Data Collected:	2184 hrs
Permitted Flow Limit:	2450 m3/min
Average Measured CEM Flow:	
Contaminant Permit Limit Value:	860 kg/day
Minimum Hourly Average Test Result:	311 kg/day
Date/Time of Minimum Hourly Average Test Result:	Jun 30 2011
Maximum Hourly Average Test Result:	764 kg/day
Date/Time of Maximum Hourly Average Test Result:	Apr 19 2011
Average of Test Results Over the Quarter:	647 kg/day
98th Percentile Value:	763 kg/day
Data Recovery:	100 %
Comments:	Improved CEM performance observed after AMETEK fixed ongoing drift issues in Jan 2011.
Opacity	
Test Date Range:	April 1 - June 30
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:	4 %
Date/Time of Minimum Hourly Average Test Result:	Jun 29 2011
Maximum Hourly Average Test Result:	18 %
Date/Time of Maximum Hourly Average Test Result:	Jun 25 2011
Average of Test Results Over the Quarter:	11 %
98th Percentile Value:	14 %
Data Recovery:	100 %
Comments:	
Sulphur Oxides	
Test Date Range:	April 1 - June 30
Total Hours of Data Collected:	2184 hrs
Permitted Flow Limit:	2450 m3/min
Average Measured CEM Flow:	
Contaminant Permit Limit Value:	3000 kg/day
Minimum Hourly Average Test Result:	485 kg/day
Date/Time of Minimum Hourly Average Test Result:	Jun 29 2011
Maximum Hourly Average Test Result:	1258 kg/day
Date/Time of Maximum Hourly Average Test Result:	Apr 18 2011
Average of Test Results Over the Quarter:	1178 kg/day
98th Percentile Value:	1255 kg/day
Data Recovery:	100 %
Comments:	Improved CEM performance observed after AMETEK fixed ongoing drift issues in Jan 2011.