

CEM - 2023 (Quarterly)

Parkland Refining (B.C.) Ltd.
Permit: 1217 / Due Date: January 31, 2023

19R - Fluid catalytic cracker (FCC) regenerator and waste heat boiler (WHB)	
Nitrogen Oxides	
Test Date Range:	October 1 - December 31
Total Hours of Data Collected:	2194.00 hours
Permitted Flow Limit:	2450.00 m3/min
Contaminant Permit Limit:	500.0000 kg/d
Minimum Hourly Average Test Result:	188.000 kg/d
Date/Time of Minimum Hourly Average Test Result:	November 23, 2022
Maximum Hourly Average Test Result:	326.000 kg/d
Date/Time of Maximum Hourly Average Test Result:	October 08, 2022
Average of Test Results Over the Quarter:	228.000 kg/d
98th Percentile Value:	292.000 kg/d
Data Recovery:	99.000 %
Comments:	
Opacity	
Test Date Range:	October 1 - December 31
Total Hours of Data Collected:	2208.00 hours
Permitted Flow Limit:	2450.00 m3/min
Contaminant Permit Limit:	20.0000 %
Minimum Hourly Average Test Result:	2.000 %
Date/Time of Minimum Hourly Average Test Result:	October 24, 2022
Maximum Hourly Average Test Result:	15.000 %
Date/Time of Maximum Hourly Average Test Result:	December 18, 2022
Average of Test Results Over the Quarter:	7.000 %
98th Percentile Value:	10.000 %
Data Recovery:	100.000 %
Comments:	

Sulphur Oxides	
Test Date Range:	October 1 - December 31
Total Hours of Data Collected:	2186.00 hours
Permitted Flow Limit:	2450.00 m ³ /min
Contaminant Permit Limit:	400.0000 mg/m ³
Minimum Hourly Average Test Result:	0.000 mg/m ³
Date/Time of Minimum Hourly Average Test Result:	November 01, 2022
Maximum Hourly Average Test Result:	398.000 mg/m ³
Date/Time of Maximum Hourly Average Test Result:	December 20, 2022
Average of Test Results Over the Quarter:	298.000 mg/m ³
98th Percentile Value:	344.000 mg/m ³
Data Recovery:	99.000 %
Comments:	