

CEM - 2022 (Quarterly)

Parkland Refining (B.C.) Ltd.
Permit: 1217 / Due Date: October 31, 2022

19R - Fluid catalytic cracker (FCC) regenerator and waste heat boiler (WHB)	
Nitrogen Oxides	
Test Date Range:	July 1 - September 30
Total Hours of Data Collected:	2186.00 hours
Permitted Flow Limit:	2450.00 m3/min
Contaminant Permit Limit:	500.0000 kg/d
Minimum Hourly Average Test Result:	218.000 kg/d
Date/Time of Minimum Hourly Average Test Result:	September 22, 2022
Maximum Hourly Average Test Result:	325.000 kg/d
Date/Time of Maximum Hourly Average Test Result:	July 19, 2022
Average of Test Results Over the Quarter:	264.000 kg/d
98th Percentile Value:	315.000 kg/d
Data Recovery:	99.000 %
Comments:	
Opacity	
Test Date Range:	July 1 - September 30
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:	4.000 %
Date/Time of Minimum Hourly Average Test Result:	July 13, 2022
Maximum Hourly Average Test Result:	14.000 %
Date/Time of Maximum Hourly Average Test Result:	August 12, 2022
Average of Test Results Over the Quarter:	8.000 %
98th Percentile Value:	10.000 %
Data Recovery:	100.000 %
Comments:	

Sulphur Oxides	
Test Date Range:	July 1 - September 30
Total Hours of Data Collected:	2183.00 hours
Permitted Flow Limit:	2450.00 m ³ /min
Contaminant Permit Limit:	400.0000 mg/m ³
Minimum Hourly Average Test Result:	16.000 mg/m ³
Date/Time of Minimum Hourly Average Test Result:	August 31, 2022
Maximum Hourly Average Test Result:	544.000 mg/m ³
Date/Time of Maximum Hourly Average Test Result:	August 19, 2022
Average of Test Results Over the Quarter:	288.000 mg/m ³
98th Percentile Value:	372.000 mg/m ³
Data Recovery:	99.000 %
Comments:	