

CEM - 2022 (Quarterly)

Parkland Refining (B.C.) Ltd.
Permit: 0117 / Due Date: July 30, 2022

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:	2081.00 hours
Permitted Flow Limit:	2450.00 m3/min
Contaminant Permit Limit:	600.0000 kg/d
Minimum Hourly Average Test Result:	29.000 kg/d
Date/Time of Minimum Hourly Average Test Result:	June 06, 2022
Maximum Hourly Average Test Result:	374.000 kg/d
Date/Time of Maximum Hourly Average Test Result:	June 10, 2022
Average of Test Results Over the Quarter:	278.000 kg/d
98th Percentile Value:	371.000 kg/d
Data Recovery:	98.000 %
Comments:	
Opacity	
Test Date Range:	April 1 - June 30
Total Hours of Data Collected:	2128.00 hours
Permitted Flow Limit:	2450.00 m3/min
Contaminant Permit Limit:	20.0000 %
Minimum Hourly Average Test Result:	5.000 %
Date/Time of Minimum Hourly Average Test Result:	June 25, 2022
Maximum Hourly Average Test Result:	15.000 %
Date/Time of Maximum Hourly Average Test Result:	June 07, 2022
Average of Test Results Over the Quarter:	7.000 %
98th Percentile Value:	9.000 %
Data Recovery:	100.000 %
Comments:	

Sulphur Oxides	
Test Date Range:	April 1 - June 30
Total Hours of Data Collected:	2073.00 hours
Permitted Flow Limit:	2450.00 m3/min
Contaminant Permit Limit:	1500.0000 kg/d
Minimum Hourly Average Test Result:	1.000 kg/d
Date/Time of Minimum Hourly Average Test Result:	June 06, 2022
Maximum Hourly Average Test Result:	780.000 kg/d
Date/Time of Maximum Hourly Average Test Result:	April 23, 2022
Average of Test Results Over the Quarter:	546.000 kg/d
98th Percentile Value:	715.000 kg/d
Data Recovery:	97.000 %
Comments:	