

CEM - 2026 (Quarterly)

Parkland Refining (B.C.) Ltd.
Permit: 1217 / Due Date: April 30, 2026

19R - Fluid catalytic cracker (FCC) regenerator and waste heat boiler (WHB)	
Nitrogen oxides	
Test Date Range:	January 1 - March 31
Total Hours of Data Collected:	814.00 hours
Permitted Flow Limit:	2450.00 m3/min
Contaminant Permit Limit:	500.0000 kg/d
Minimum Hourly Average Test Result:	33.000 kg/d
Date/Time of Minimum Hourly Average Test Result:	January 31, 2026
Maximum Hourly Average Test Result:	274.000 kg/d
Date/Time of Maximum Hourly Average Test Result:	January 30, 2026
Average of Test Results Over the Quarter:	220.000 kg/d
98th Percentile Value:	266.000 kg/d
Data Recovery:	91.000 %
Comments:	
Opacity	
Test Date Range:	January 1 - March 31
Total Hours of Data Collected:	896.00 hours
Permitted Flow Limit:	2450.00 m3/min
Contaminant Permit Limit:	20.0000 %
Minimum Hourly Average Test Result:	3.000 %
Date/Time of Minimum Hourly Average Test Result:	March 23, 2026
Maximum Hourly Average Test Result:	21.000 %
Date/Time of Maximum Hourly Average Test Result:	March 24, 2026
Average of Test Results Over the Quarter:	7.000 %
98th Percentile Value:	14.000 %
Data Recovery:	100.000 %
Comments:	Hourly average opacity value of 21% occurred during start-up of the FCC. Not an exceedance of permitted limit.

Sulphur oxides	
Test Date Range:	January 1 - March 31
Total Hours of Data Collected:	836.00 hours
Permitted Flow Limit:	2450.00 m3/min
Contaminant Permit Limit:	400.0000 mg/m3
Minimum Hourly Average Test Result:	0.000 mg/m3
Date/Time of Minimum Hourly Average Test Result:	March 24, 2026
Maximum Hourly Average Test Result:	821.000 mg/m3
Date/Time of Maximum Hourly Average Test Result:	March 25, 2026
Average of Test Results Over the Quarter:	229.000 mg/m3
98th Percentile Value:	373.000 mg/m3
Data Recovery:	93.000 %
Comments:	Value of 821 mg/m3 occurred during torch oil operation with FCC throughput less than 10,000 barrels per day. Not an exceedance of permitted limit.