FortisBC Energy Inc.

Permit: 1215 / Due Date: July 31, 2023

01 - Incinerator								
Combustion Particulate Matter 2.5								
Jul 19, 2023	Jul 19, 2023	Jul 19, 2023						
13.9700 mg/m3	15.5200 mg/m3	10.8200 mg/m3						
13.437 mg/m3								
Values presented are to compare to permit values (12% O2, i.e., PM = 28 mg/m3). The average unadjusted average value (to compare to the annual permitted mass value) is 15.39 mg/m3.								
102.120 m3/min	100.640 m3/min	99.810 m3/min	1	<u> </u>				
100.857 m3/min								
121.00 m3/min								
Flow rate is an unadjusted value.								
Jul 19, 2023	Jul 19, 2023	Jul 19, 2023						
64.3300 mg/m3	66.0800 mg/m3	66.6200 mg/m3						
65.677 mg/m3								
234.0000 mg/m3								
Values presented are to compare to permit values (12% O2). The average actual concentration (to compare to the annual permitted mass value) is 75.22 mg/m3.								
102.120 m3/min	100.640 m3/min	99.810 m3/min						
100.857 m3/min								
121.00 m3/min								
Based on actual flow rate (i.e., non-O2 corrected)								
	Jul 19, 2023 13.9700 mg/m3 13.437 mg/m3  Values presented a average unadjuster mg/m3. Assumed to be the 102.120 m3/min 100.857 m3/min 121.00 m3/min Flow rate is an unadjuster is an unadjuster mg/m3  Jul 19, 2023 64.3300 mg/m3 65.677 mg/m3 234.0000 mg/m3 Values presented a concentration (to display the con	Jul 19, 2023  13.9700 mg/m3  15.5200 mg/m3  13.437 mg/m3  Values presented are to compare to average unadjusted average value (tmg/m3.  Assumed to be the same as particular 102.120 m3/min  100.857 m3/min  121.00 m3/min  Flow rate is an unadjusted value.  Jul 19, 2023  Jul 19, 2023  64.3300 mg/m3  65.677 mg/m3  234.0000 mg/m3  Values presented are to compare to concentration (to compare to the animal 100.857 m3/min  102.120 m3/min  100.640 m3/min  100.857 m3/min  121.00 m3/min	Jul 19, 2023         Jul 19, 2023         Jul 19, 2023           13.9700 mg/m3         15.5200 mg/m3         10.8200 mg/m3           13.437 mg/m3         Values presented are to compare to permit values (12% average unadjusted average value (to compare to the armg/m3.           Assumed to be the same as particulate matter.         102.120 m3/min         99.810 m3/min           100.857 m3/min         121.00 m3/min         99.810 m3/min           Flow rate is an unadjusted value.         Jul 19, 2023         Jul 19, 2023           64.3300 mg/m3         66.0800 mg/m3         66.6200 mg/m3           65.677 mg/m3         234.0000 mg/m3         Values presented are to compare to permit values (12% concentration (to compare to the annual permitted mass of the annual permitte	Jul 19, 2023         Jul 19, 2023         Jul 19, 2023           13.9700 mg/m3         15.5200 mg/m3         10.8200 mg/m3           13.437 mg/m3         13.437 mg/m3           Values presented are to compare to permit values (12% O2, i.e., PM = 28 mayerage unadjusted average value (to compare to the annual permitted mater)           102.120 m3/min         100.640 m3/min         99.810 m3/min           100.857 m3/min         121.00 m3/min         121.00 m3/min           Flow rate is an unadjusted value.         3ul 19, 2023         3ul 19, 2023           64.3300 mg/m3         66.0800 mg/m3         66.6200 mg/m3           65.677 mg/m3         234.0000 mg/m3           Values presented are to compare to permit values (12% O2). The average concentration (to compare to the annual permitted mass value) is 75.22 mg           102.120 m3/min         100.640 m3/min         99.810 m3/min           100.857 m3/min         121.00 m3/min         100.640 m3/min				

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Sulphur Oxides							
Test Dates:	Jul 19, 2023	Jul 19, 2023	Jul 19, 2023				
Test Results:	84.1500 mg/m3	58.4000 mg/m3	35.4900 mg/m3				
Average of Test Results:	59.347 mg/m3						
Contaminant Permit Limit:	435.0000 mg/m3						
Test Result Comments:	Values presented are to compare to permit values (12% O2). The average actual concentration (to compare to the annual permitted mass value) is 68.05 mg/m3.						
Flow Results:	102.120 m3/min	100.640 m3/min	99.810 m3/min				
Average of Flow Results:	100.857 m3/min						
Permitted Flow Limit:	121.00 m3/min						
Flow Result Comments:	Based on actual flow rate (i.e., non-O2 corrected)						
Total Volatile Organic Compounds							
Test Dates:	Jul 19, 2023	Jul 19, 2023	Jul 19, 2023				
Test Results:	0.2400 mg/m3	0.2500 mg/m3	0.2100 mg/m3				
Average of Test Results:	0.233 mg/m3						
Contaminant Permit Limit:	27.0000 mg/m3						
Test Result Comments:	Values presented are to compare to permit values (12% O2). The average actual concentration (to compare to the annual permitted mass value) is 0.27 mg/m3.						
Flow Results:	102.120 m3/min	100.640 m3/min	99.810 m3/min				
Average of Flow Results:	100.857 m3/min						
Permitted Flow Limit:	121.00 m3/min						
Flow Result Comments:	Based on actual flow rate (i.e., non-O2 corrected)						

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