

Monthly Operating Reports

October 2018

The following October 2018 operating report was sent to the Ministry of Environment and Climate Change Strategy on December 5, 2018.



5. FACILITY BYPASS AND EMERGENCY/SPILL EVENT REPORT

Date/Time	Cause	Duration
	Action Taken	

6. OTHER DATA

		UNIT 1	UNIT 2	UNIT 3
Waste Received	tonnes/day	536		
Waste Processed	tonnes/day	90	233	208
Maximum Waste Processed	tonnes/day	249	256	256
		Units 1, 2, and 3		
Natural Gas Consumed	m ³ /day	2,998		
	m ³ /month	92,943		
Fly ash disposed	tonnes	813		
Bottom ash disposed	tonnes	2,775		

7. COMPLAINTS AND RESPONSES

Date/Time	Complaint	Action Taken

October 2018 - Monthly Continuous Emission Monitoring System Data

Date	Boiler #1							Boiler #2							Boiler #3							
	Stack Temp	O2 (%)	SO2 (mg/m³)	NOx (mg/m³)	CO (mg/m³)	Opacity (%)	Furnace Temp	Stack Temp	O2 (%)	SO2 (mg/m³)	NOx (mg/m³)	CO (mg/m³)	Opacity (%)	Furnace Temp	Stack Temp	O2 (%)	SO2 (mg/m³)	NOx (mg/m³)	CO (mg/m³)	Opacity (%)	Furnace Temp	
10/1/18	148	9.7	31.8	122.1	32.5	0.84	917	150	9.1	95.1	134.2	31.2	0.21	907								
10/2/18	146	10.5	44.4	117.0	20.3	0.73	934	149	9.2	120.9	130.6	32.6	0.61	906								
10/3/18	146	11.6	80.5	114.0	28.4	0.77	930	150	9.2	147.6	129.2	27.1	0.91	923								
10/4/18								149	9.1	179.0	130.1	26.2	0.90	912								
10/5/18	162	9.3	145.3	127.0	24.5	0.27	941	156	9.5	154.9	129.6	29.6	0.93	918								
10/6/18	157	8.8	128.8	125.8	17.1	0.36	958	153	8.8	141.5	130.1	25.4	0.89	919								
10/7/18	155	8.8	116.1	127.6	18.1	0.33	954	150	8.7	145.4	128.9	21.8	0.64	951	147	11.5	129.0	136.0	30.4	0.52	914	
10/8/18	151	9.1	87.7	125.3	20.3	0.31	940	149	8.9	113.5	129.6	27.4	0.55	922	145	11.8	116.6	135.0	33.4	0.46	877	
10/9/18	151	8.7	97.7	124.0	18.8	0.35	979	146	8.7	137.5	128.1	31.0	0.37	928	143	10.9	144.7	136.3	30.6	0.43	930	
10/10/18	150	8.7	74.5	127.7	11.4	0.34	985	145	8.9	109.2	130.3	22.9	0.38	929	141	11.1	117.9	133.5	27.1	0.45	941	
10/11/18	152	9.0	74.7	127.8	15.1	0.35	1001	146	9.0	117.2	132.3	21.5	0.52	945	144	11.4	126.5	138.7	30.4	0.49	952	
10/12/18	150	9.0	62.5	121.7	17.2	0.37	989	148	9.1	126.7	127.8	30.5	0.56	942	143	11.3	121.1	136.3	31.8	0.50	952	
10/13/18	151	9.2	81.3	124.1	15.9	0.39	991	149	9.1	144.3	123.5	27.6	0.65	935	147	11.2	163.5	135.5	30.4	0.50	947	
10/14/18								149	8.9	163.7	127.3	33.6	0.77	917	146	11.4	178.1	134.7	34.0	0.53	920	
10/15/18								152	9.6	118.2	127.1	43.8	0.84	909	145	11.6	116.2	132.7	29.8	0.54	903	
10/16/18								149	9.6	97.5	128.4	32.0	0.68	913								
10/17/18								147	8.8	92.3	127.3	29.5	0.50	944	146	11.0	124.1	134.5	33.4	0.60	936	
10/18/18								148	8.9	63.9	128.0	33.3	0.54	930	143	10.8	100.2	136.5	29.1	0.60	956	
10/19/18								145	8.5	70.0	127.6	30.0	0.55	925	143	10.8	104.0	134.2	30.6	0.56	942	
10/20/18								147	8.4	97.2	125.9	31.0	0.56	937								
10/21/18								144	8.3	53.9	126.9	29.2	0.41	905	144	10.6	131.5	132.8	33.1	0.46	918	
10/22/18															144	10.2	99.3	129.4	31.8	0.48	933	
10/23/18															142	10.0	72.7	132.2	27.9	0.46	947	
10/24/18								149	9.1	122.8	128.0	33.5	0.45	963	144	10.6	77.0	135.3	31.0	0.45	951	
10/25/18								149	9.0	80.8	128.7	38.3	0.44	979	143	10.5	69.2	133.4	28.4	0.47	971	
10/26/18								149	8.7	89.8	127.8	28.8	0.38	949	142	10.2	86.7	132.8	29.3	0.43	956	
10/27/18								150	8.9	80.1	127.9	25	0.50	959	141	10.6	69.5	135.4	23.6	0.51	929	
10/28/18								151	8.7	86.3	129.1	22.4	0.50	972	144	10.7	75.7	130.9	33.3	0.59	935	
10/29/18								150	8.4	52.2	126.0	24.4	0.54	966	146	10.3	61.0	131.8	26.2	0.64	938	
10/30/18								148	8.6	42.6	125.6	33.3	0.55	949	145	10.5	47.3	133.9	29.1	0.54	918	
10/31/18								151	8.8	49.6	128.2	30.1	0.60	904	145	10.6	51.3	136.4	30.5	0.59	891	
Average	152	9.4	85.4	123.7	20.0	0.45	960	149	8.9	106.7	128.4	29.4	0.58	933	144	10.9	103.6	134.3	30.2	0.51	933	
Min	146	8.7	31.8	114.0	11.4	0.27	917	144	8.3	42.6	123.5	21.5	0.21	904	141	10.0	47.3	129.4	23.6	0.43	877	
Max	162	11.6	145.3	127.8	32.5	0.84	1001	156	9.6	179.0	134.2	43.8	0.93	979	147	11.8	178.1	138.7	34.0	0.64	971	
St Dev	4.58	0.87	32.92	4.39	5.90	0.20	28.11	2.48	0.33	36.65	2.07	4.91	0.18	21.52	1.72	0.49	34.94	2.12	2.53	0.06	22.29	

Blank days have less than 18 hours of valid data due to unit shut downs.
 According to standard guidelines used by Metro Vancouver Air Quality Policy and Environment Division, a minimum of 18 hours of valid data is required to generate a valid 24hr average.