

Monthly Operating Reports

March 2019

The following March 2019 operating report was sent to the Ministry of Environment and Climate Change Strategy on May 10, 2019.



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	18,927		
Waste Processed	tonnes/day	244	222	185
Maximum Waste Processed	tonnes/day	273	274	273
		Units 1, 2, and 3		
Natural Gas Consumed	m ³ /day	2,600		
	m ³ /month	80,597		
Fly ash disposed	tonnes	821		
Bottom ash disposed	tonnes	3,239		

7. Complaints and Responses

Date/Time	Complaint	Action Taken

March 2019 - Monthly CEMS Data

Date	Boiler #1								Boiler #2								Boiler #3							
	Stack Temp	O ₂ (%)	SO ₂ (mg/m ³)	NO _x (mg/m ³)	CO (mg/m ³)	THC (mg/m ³)	Opacity (%)	Furnace Temp	Stack Temp	O ₂ (%)	SO ₂ (mg/m ³)	NO _x (mg/m ³)	CO (mg/m ³)	THC (mg/m ³)	Opacity (%)	Furnace Temp	Stack Temp	O ₂ (%)	SO ₂ (mg/m ³)	NO _x (mg/m ³)	CO (mg/m ³)	THC (mg/m ³)	Opacity (%)	Furnace Temp
3/1/19	153	9.2	73.5	132.1	26.2	0.18	1.68	937	153	9	74.4	129.1	37.9	0.18	0.42	933	152	8.7	66.3	133	33.1	0.25	0.14	891
3/2/19	154	9.9	78.6	133.7	27.6	0.23	1.7	908	154	9.4	69.9	127.8	24.9	0.18	0.45	912	151	9	73.1	133.6	27.8	0.29	0.13	876
3/3/19	155	9.4	89.2	133.3	22.5	0.19	1.69	931	154	9.2	96.2	129	23.7	0.11	0.41	922	152	8.5	95.8	135.9	22.7	0.29	0.13	902
3/4/19	151	9.2	80.3	129.8	22	0.17	1.7	935								149	8.6	74.8	133.2	19	0.21	0.15	912	
3/5/19	152	9.8	93.7	131.1	30.3	0.27	1.74	926								151	9	82.9	131.4	24.4	0.21	0.14	943	
3/6/19	151	9.8	98.4	127.4	36.2	0.37	1.78	926								152	8.9	90.8	133.2	28.6	0.28	0.18	929	
3/7/19	149	9.5	64.3	129.1	27.3	0.17	1.75	927								150	8.8	70.9	131	24.9	0.21	0.13	930	
3/8/19	151	9.5	53.8	125.2	26.5	0.14	1.73	928	149	9.5	131.8	140.7	29.7	0.02	0.21	913	150	9	56.4	128.9	22.5	0.20	0.12	944
3/9/19									149	9.5	183.8	139.6	22.2	0.00	0.28	928	148	8.8	98.2	135	19.5	0.20	0.09	946
3/10/19									147	10.4	176	140.4	12.1	0.19	0.19	931	148	8.8	123.8	133.7	23.8	0.22	0.07	945
3/11/19	148	11	86	133	35.7	3.73	1.76	918	151	10	131.3	136.7	21.4	0.01	0.2	932								
3/12/19	149	9.2	75	134	25.9	0.44	1.75	912	152	9.7	132.9	137.7	22.2	0.00	0.26	914	148	9.2	63.4	130.9	30.3	0.24	0.04	927
3/13/19	151	9.2	98.5	132.6	21.8	0.21	1.51	898	151	9.8	147	134.7	20.7	0.06	0.2	879	149	9.6	81.3	132.2	24.3	0.27	0.03	921
3/14/19	152	9.3	91	132.5	24.9	0.21	1.01	893	151	9.8	109.9	133.4	26.5	0.33	0.26	880	148	10.1	62.9	131.9	29.6	0.32	0.01	901
3/15/19	151	9.4	70.8	127.1	29.5	0.22	0.97	890	154	10.1	108.8	134.1	28.7	0.52	0.41	870	150	10.1	68.9	132.2	30.3	0.26	0.49	895
3/16/19	149	9.4	107.8	127.3	37.4	0.27	0.99	884	150	9.8	172.9	134.8	24.3	0.42	0.41	876								
3/17/19	148	9.9	104.6	126.4	26.5	0.24	1.05	870	148	10	157.1	135.2	23.2	0.31	0.38	864	151	10	147.7	135.4	27.9	0.33	1.16	880
3/18/19									151	9.4	116.5	131.9	25.3	0.41	0.29	877	150	8.9	90.1	131.5	26.2	0.24	1.08	912
3/19/19	154	9.4	103.6	127.8	22.6	0.33	1.11	901	150	9.4	121.6	130.5	22.6	0.46	0.2	897	148	8.7	100.6	131.4	27.4	0.25	1.04	940
3/20/19	155	8.9	96.1	125.8	26.6	0.25	1.14	878	154	9.6	126.9	131.1	21.8	0.77	0.22	887	146	8.1	80.3	130	27.1	0.28	1.04	919
3/21/19	154	9.4	89.3	127.5	33.1	0.19	1.15	877								147	8.5	80.3	128.8	25.1	0.30	1.04	931	
3/22/19	154	9.3	117.3	126.6	27.4	0.20	1.28	871	151	9.5	187.9	127.9	31.7	0.25	0.1	860	147	8.9	132	131.5	25.1	0.31	1.04	905
3/23/19	153	9.3	84.1	127.2	30.4	0.24	1.21	869	152	9.4	125.3	130.8	17.9	0.36	0.2	883	149	8.9	90.3	132.3	18.5	0.19	1.07	933
3/24/19	153	9.2	88.6	125.1	25.7	0.18	1.28	872	152	9.5	145.1	130.3	17.3	0.25	0.39	884								
3/25/19	155	9.2	90.6	125.9	36.8	0.16	1.37	875	150	9.4	134.1	129.6	25.5	0.33	0.27	896								
3/26/19	151	9.5	114.9	127.3	25.2	0.16	1.43	876	149	9.8	176.7	131.6	22.5	0.22	0.25	905								
3/27/19	151	9.5	99	125	30.3	0.23	1.45	869	151	9.9	147	131.6	23.3	0.33	0.37	887								
3/28/19	154	9.4	69.7	126	29.3	0.23	1.5	869	153	9.8	124.9	129.9	25.7	0.34	0.16	911								
3/29/19	151	9.9	53.2	124.6	29.3	0.37	1.49	874	152	10	111.8	130.6	24.9	0.18	0.3	935								
3/30/19	152	9.9	45.8	125.1	28.7	0.31	1.46	885	152	9.9	109.8	131.3	21.7	0.19	0.21	945								
3/31/19	151	9.4	46.3	127.6	33.9	0.20	1.34	880	153	10	109.3	134.2	22.4	0.23	0.31	944								
Average	151.9	9.5	84.4	128.4	28.6	0.36	1.4	895.7	151.3	9.7	131.9	132.9	23.9	0.26	0.3	902.5	149.3	9.0	87.2	132.2	25.6	0.25	0.4	918.2
Min	148.0	8.9	45.8	124.6	21.8	0.14	1.0	869.0	147.0	9.0	69.9	127.8	12.1	0.00	0.1	860.0	146.0	8.1	56.4	128.8	18.5	0.19	0.0	876.0
Max	155.0	11.0	117.3	134.0	37.4	3.73	1.8	937.0	154.0	10.4	187.9	140.7	37.9	0.77	0.5	945.0	152.0	10.1	147.7	135.9	33.1	0.33	1.2	946.0
St Dev	2.09	0.39	19.47	3.07	4.47	0.66	0.27	24.16	1.91	0.32	31.01	3.73	4.85	0.18	0.10	25.82	1.77	0.53	23.51	1.89	3.86	0.04	0.46	21.56

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.