

## Monthly Operating Reports

February 2019

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The following February 2019 operating report was sent to the Ministry of Environment and Climate Change Strategy on April 9, 2019.







**Unit 3**

Duration in Hours	Reason	Date
13.67	Generating bank inlet water wash	February 1
0.53	Baghouse insepection	February 9
0.48	High furnace pressure trip	February 16
12.23	Generating bank inlet water wash	February 23

**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	19,675		
Waste Processed	tonnes/day	247	235	255
Maximum Waste Processed	tonnes/day	270	271	278
		Units 1, 2, and 3		
Natural Gas Consumed	m <sup>3</sup> /day	3,279		
	m <sup>3</sup> /month	91,800		
Fly ash disposed	tonnes	704		
Bottom ash disposed	tonnes	3,225		

**7. Complaints and Responses**

Date/Time	Complaint	Action Taken

February 2019 - Monthly CEMS Data

Date	Boiler #1								Boiler #2								Boiler #3							
	Stack Temp	O <sub>2</sub> (%)	SO <sub>2</sub> (mg/m <sup>3</sup> )	NO <sub>x</sub> (mg/m <sup>3</sup> )	CO (mg/m <sup>3</sup> )	THC (mg/m <sup>3</sup> )	Opacity (%)	Furnace Temp	Stack Temp	O <sub>2</sub> (%)	SO <sub>2</sub> (mg/m <sup>3</sup> )	NO <sub>x</sub> (mg/m <sup>3</sup> )	CO (mg/m <sup>3</sup> )	THC (mg/m <sup>3</sup> )	Opacity (%)	Furnace Temp	Stack Temp	O <sub>2</sub> (%)	SO <sub>2</sub> (mg/m <sup>3</sup> )	NO <sub>x</sub> (mg/m <sup>3</sup> )	CO (mg/m <sup>3</sup> )	THC (mg/m <sup>3</sup> )	Opacity (%)	Furnace Temp
2/1/19	149	9.5	85.1	133.9	42.2	0.23	0.77	941	152	9.2	101.6	126.5	30.3	0.10	0.18	922								
2/2/19	150	9	120.1	135	40.8	0.17	0.8	951	152	9.2	106.1	125.1	28.9	0.06	0.25	930	152	8.8	143.1	135.4	26.9	0.59	1.02	866
2/3/19	150	9.3	68.8	134.5	36.5	0.21	0.9	942	146	9.5	69.7	124.7	26.5	0.06	0.3	928	150	8.6	111	132.9	24.2	0.53	1.19	869
2/4/19	143	9.4	65.2	135.8	39.8	0.24	0.99	904									147	8.1	81	132.6	29.3	0.41	1.27	866
2/5/19									153	8.3	125.9	127	27.5	0.07	0.7	941	151	8.3	131.5	134	29.3	0.30	1.39	870
2/6/19	154	9.4	103.8	134.6	42.2		1.25	913	153	8.5	148.9	127.5	23.4	0.19	0.58	956	150	8.6	118.1	134.6	30.1	0.17	1.35	872
2/7/19	153	9.5	73.9	136	32.2	0.21	1.21	910	146	8.6	72.3	129	25		0.31	951	149	8.6	77.3	133.8	29.7	0.26	1.29	872
2/8/19	152	9.6	43.1	131.5	37.5	0.21	1.16	904									151	8.6	69.2	134	29.5	0.31	1.2	855
2/9/19	154	9.6	78.2	131.2	35.5	0.22	1.28	902									150	8.3	86.3	134.9	33.9	0.23	1.16	853
2/10/19	153	9.4	86.8	134	32.1	0.15	1.36	932	158	9	107.9	132	31.8	0.04	0.98	932	150	8.4	87.7	136.7	25.4	0.20	1.39	855
2/11/19	152	9.2	53.4	134.5	31.4	0.16	1.42	933	155	8.6	88.3	131.5	27.8	0.06	0.8	933	150	8.3	66.9	140.7	27	0.25	1.38	842
2/12/19	153	9.5	38	133.6	33.9	0.17	1.35	905	155	8.6	71.7	128.6	22.3	0.01	0.6	917	149	8.1	56.6	136	25.2	0.22	1.32	849
2/13/19	151	9.4	33.6	136.6	27.4	0.21	1.33	910	152	8.7	44.8	129.7	22.7	0.01	0.44	905	149	8.4	31.6	135.7	30.1	0.27	1.27	852
2/14/19	152	9.5	38.7	135.3	30.7	0.18	1.32	923	151	8.6	59.6	128.9	25.7	0.00	0.45	905	146	8.2	43.5	133.5	34.2	0.24	1.15	853
2/15/19	152	10.9	37.3	135.7	27.5	0.77	1.18	918	153	8.7	60.4	126.5	29.6	0.02	0.25	916	147	8.4	38	133.6	31.3	0.24	1.05	847
2/16/19	152	9.1	41	127.9	26	1.11	1.11	938	153	9.5	65.5	127.4	32.2	0.03	0.21	901	149	8.3	54	136.3	28.6	0.29	0.99	864
2/17/19	153	9.5	44.8	129.2	27.1	0.28	1.16	924	148	9.6	63.7	125.4	26	0.06	0.2	926	149	8.5	48.6	134.1	25.9	0.19	1.02	910
2/18/19	151	9.5	39.6	133.2	22.9	1.21	1.21	933	145	9.9	46.6	123.3	23.6	0.08	0.23	930	149	8.8	43.4	136.1	28.4	0.22	1.12	907
2/19/19	151	9.9	40.9	129.3	24.2	0.22	1.21	922									149	9.2	50.1	133.2	22.2	0.21	1.08	933
2/20/19									155	9.1	129.5	131.6	29	0.83	0.31	924	148	9.2	79.7	130.2	25.1	0.25	1.05	952
2/21/19	155	9.8	119.8	137.1	30.8	0.27	1.54	914	155	9.2	107.8	132.6	27.3	0.04	0.34	924	146	9.7	45	134.4	24.7	0.29	1	926
2/22/19	152	9.5	100.7	137	18.1	0.19	1.58	924	154	8.6	90.7	132.3	26.4	0.03	0.32	941	142	9.6	37.5	133	18.4	0.41	0.96	933
2/23/19	155	9.1	111.6	135.5	21.4	0.16	1.48	929	156	8.6	95.6	133.3	23.4	0.02	0.34	941								
2/24/19	155	9	106.6	133.2	20.8	0.18	1.5	939	157	8.4	101.8	134.2	18.9	0.01	0.36	951	151	8.6	137.1	137.6	24.1	0.28	1.11	940
2/25/19	154	9.5	78.8	133.2	29.1	0.20	1.55	929	155	8.7	82.9	133.7	27.7	0.02	0.36	941	149	8.8	95.1	138.3	27.8	0.52	1.11	891
2/26/19	152	9.3	72.4	133.7	27.7	0.18	1.67	929	155	8.8	86.3	133	37.8	0.03	0.52	935	150	8.7	87.2	133.8	19.1	0.24	1.19	898
2/27/19	153	9.4	86.6	132.1	28.7	0.18	1.62	931	157	9.4	94.8	135.8	39.6	0.05	0.36	919	147	8.6	97.2	133.2	19.3	0.28	0.49	900
2/28/19	151	9.4	63.6	131	28.8	0.17	1.57	915	155	9.3	74.5	130.7	35.7	0.15	0.34	924	152	8.9	76.7	132.3	23.5	0.20	0.1	893
<b>Average</b>	152.0	9.5	70.5	133.6	30.6	0.30	1.3	923.7	153.0	8.9	87.4	129.6	27.9	0.09	0.4	928.9	148.9	8.6	76.7	134.7	26.7	0.29	1.1	883.4
<b>Min</b>	143.0	9.0	33.6	127.9	18.1	0.15	0.8	902.0	145.0	8.3	44.8	123.3	18.9	0.00	0.2	901.0	142.0	8.1	31.6	130.2	18.4	0.17	0.1	842.0
<b>Max</b>	155.0	10.9	120.1	137.1	42.2	1.21	1.7	951.0	158.0	9.9	148.9	135.8	39.6	0.83	1.0	956.0	152.0	9.7	143.1	140.7	34.2	0.59	1.4	952.0
<b>St Dev</b>	2.42	0.36	28.14	2.44	6.60	0.29	0.25	13.40	3.54	0.43	26.18	3.43	4.94	0.17	0.20	14.47	2.15	0.41	32.20	2.15	4.13	0.11	0.28	32.77

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.