

## Monthly Operating Reports

April 2020

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The following April 2020 operating report was sent to the Ministry of Environment and Climate Change Strategy on June 11, 2020.











## 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	19,607		
Waste Processed	tonnes/day	203	242	219
Maximum Waste Processed	tonnes/day	261	257	258
		Units 1, 2, and 3		
Natural Gas Consumed	m <sup>3</sup> /day	5,479		
	m <sup>3</sup> /month	164,357		
Fly ash disposed	tonnes	478		
Bottom ash disposed	tonnes	3,970		

## 7. Complaints and Responses

Date/Time	Complaint	Action Taken

April 2020 - 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
4/1/20	153	10.1	4.3	120.4	27	0.29	0.96	945	154	8.7	20.5	130.3	19.2	0.06	1.08	972	152	10	18	130.8	30.9	0.45	1.67	920
4/2/20	153	10.4	6	115.8	23.9	0.18	0.95	947	153	9	22.5	129.3	24.3	0.07	0.07	969	150	10.2	17.2	129.9	29.8	0.32	2.04	922
4/3/20	155	10.2	5.8	115.3	27.8	0.12	0.90	934	153	9.4	24.5	130.6	28.7	0.19	0.43	960	149	10.2	20.1	129.2	32.7	0.23	1.13	924
4/4/20	154	9.9	9.5	109.6	29.8	0.18	0.89	952	156	9.2	31.9	130.4	22.6	0.04	0.94	961	152	9.7	20.2	128	24	0.24	0.26	936
4/5/20	153	10.2	11.6	112.8	29.5	0.24	0.87	948	156	9.4	31.9	131.5	23.6	0.11	1.21	950	154	9.7	23.1	130.5	26.8	0.36	0.28	935
4/6/20									156	9.2	65.2	129.3	23.3	0.06	1.37	940	152	9.6	49	127.9	26	0.33	0.33	918
4/7/20									157	9.2	144.8	126.6	29.1	0.18	1.03	934	153	10.2	91.3	129.1	34.2	0.34	0.33	909
4/8/20									154	8.9	88.1	130.2	23	0.07	1.02	961	149	10.2	66.8	127.5	35.6	0.31	0.39	914
4/9/20	153	9.4	111.9	129.1	30.2	0.17	0.96	914	155	8.8	61.1	129.6	19.6	0.06	0.69	964	146	9.7	49.4	128.9	37.1	0.39	0.40	912
4/10/20	157	10.3	125.9	132.3	37	0.13	0.94	903	155	9.3	66	131.9	25.7	0.07	0.40	938	149	10.1	52.8	130.3	31.2	0.30	0.37	913
4/11/20	155	9.6	146.6	126	24.3	0.13	0.92	953	155	9.1	100.6	129.4	22.4	0.07	0.39	957	151	10.1	93.1	129.6	28.2	0.24	0.35	933
4/12/20	154	10.4	144	130	20.7	0.16	1.00	926	156	9.4	102.2	131.4	22.9	0.09	0.93	952	151	10.7	96	128.9	28.8	0.33	0.40	901
4/13/20	156	10.2	92.7	127.9	21.9	0.11	1.05	927	155	9.5	59.2	128.9	27	0.07	0.95	921	148	10.5	66.8	128.1	31.2	0.36	0.43	898
4/14/20	153	10.1	93.5	127.7	19.9	0.14	1.11	939	156	9.6	85	128.5	23.2	0.01	0.60	938								0
4/15/20	153	10.3	120.3	128.3	26.6	0.18	1.16	935	156	9.4	86.3	128.1	23.5	0.03	0.55	963								0
4/16/20	152	10	130.3	126.1	21	0.14	1.24	936	156	9.2	105.5	128.5	24.3	0.04	0.91	960	149	9.5	153.8	132.6	35	0.30	0.43	895
4/17/20	157	10.1	80.8	127.6	26.6	0.32	1.41	932	156	9.5	61.9	129.3	21.8	0.05	1.30	949	150	9.5	129.5	138	38.2	0.50	0.47	912
4/18/20									156	9.2	67.6	128.1	25.1	0.03	1.07	959	148	9.6	123.8	132.8	30.5	0.41	0.44	898
4/19/20									156	9.2	83.9	129.5	31.9	0.09	1.23	949	148	9	133.5	130.7	34.2	0.25	0.42	913
4/20/20	153	9.7	127.5	122	41.9	0.30	1.32	927	155	9.5	92.7	128.5	27.2	0.11	1.45	948	150	9.2	130.8	129.5	38.4	0.43	0.40	911
4/21/20	154	10	77.1	126.8	28.6	0.23	1.14	941	154	9.5	42.2	126.7	22.7	0.03	1.23	953	150	9.5	108.2	132	35.3	0.24	0.41	927
4/22/20	155						1.16	945	155	9.8	25.8	125.8	25	0.05	1.54	935	152	9.2	82.4	131.9	33.5	0.24	0.42	912
4/23/20									151	9.1	40.1	127.4	29.9	0.03	0.97	965	154	9.7	96.1	129.3	35.4	0.25	0.37	908
4/24/20	152	9.4	67.2	123.1	26.6	0.19	1.13	934	151	9	44.7	127.9	23.8	0.04	0.77	942	152	9	96.3	130.7	32.5	0.30	0.39	911
4/25/20	151	9.3	57.6	115.5	22.2	0.17	1.15	944	151	9.1	46	128.7	24.7	0.01	0.78	957	152	9.8	98.9	131	33.5	0.23	0.39	905
4/26/20	154	9.8	60.6	119	22.1	0.12	1.18	947	157	8.8	58.3	128.1	22.8	0.01	1.40	960	154	9.4	91.9	131.5	34.9	0.24	0.38	899
4/27/20	157	10.1	42.7	123.9	26.1	0.13	1.18	927	158	9.1	47	129.9	30.3	0.04	1.39	945	155	10	60.7	132.8	36.5	0.22	0.37	901
4/28/20	154	10	55.8	126	19.1	0.11	1.19	939	155	9.6	47.9	128	24.8	0.02	1.25	946	152	9.7	73.9	135.3	28.5	0.19	0.38	907
4/29/20	155	9.7	46.8	122.8	24.8	0.14	1.20	943	156	9.4	50.9	129	26.3	0.05	1.46	972	152	9.9	69.4	132.3	28.8	0.15	0.41	900
4/30/20	154	9.7	44.8	128	30.7	0.19	1.17	942	155	9.6	48.4	128.7	21.1	0.03	1.16	961	152	9.8	66.8	132	31.8	0.20	0.42	906
Average	154.0	10.0	72.3	123.3	26.4	0.18	1.09	936.7	155.0	9.3	61.8	129.0	24.7	0.06	0.99	952.7	150.9	9.8	77.9	130.8	32.3	0.30	0.52	851.3
Min	151.0	9.3	4.3	109.6	19.1	0.11	0.87	903.0	151.0	8.7	20.5	125.8	19.2	0.01	0.07	921.0	146.0	9.0	17.2	127.5	24.0	0.15	0.26	0.0
Max	157.0	10.4	146.6	132.3	41.9	0.32	1.41	953.0	158.0	9.8	144.8	131.9	31.9	0.19	1.54	972.0	155.0	10.7	153.8	138.0	38.4	0.50	2.04	936.0
St Dev	1.60	0.32	47.09	6.06	5.40	0.06	0.14	11.82	1.73	0.27	29.43	1.43	3.05	0.04	0.37	12.28	2.18	0.42	38.19	2.31	3.73	0.08	0.41	231.68

Blank days have less than 18 hours of valid data due to unit shut downs or analyzer outage.

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.