

Monthly Operating Reports

April 2019

The following April 2019 operating report was sent to the Ministry of Environment and Climate Change Strategy on June 6, 2019.



6. Other Data

		UNIT 1	UNIT 2	UNIT 3
Waste Received	tonnes/day	19,759		
Waste Processed	tonnes/day	226	229	206
Maximum Waste Processed	tonnes/day	269	261	270
		Units 1, 2, and 3		
Natural Gas Consumed	m ³ /day	5,550		
	m ³ /month	166,506		
Fly ash disposed	tonnes	787		
Bottom ash disposed	tonnes	3,188		

7. Complaints and Responses

Date/Time	Complaint	Action Taken

April 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
4/1/19	152	9	40.1	125.3	24	0.22	1.52	880	155	9.8	85.7	130	27.2	0.22	0.35	940								
4/2/19	152	8.7	51.1	124.4	29	0.16	1.48	892	153	9.5	97.4	130.7	24.4	0.54	0.16	942								
4/3/19	154	9.1	47.7	125.2	29.8	0.20	1.33	926	154	9.9	80.5	129.4	29.7	0.33	0.28	930								
4/4/19	154	9	38.6	126.3	34.9	0.18	1.48	911	156	9.8	87.9	131.1	25.4	0.07	0.23	909								
4/5/19	149	9	43	123.9	29.8	0.15	1.39	910									146	8.9	48.6	126.7	20.8	0.41	1.06	874
4/6/19	153	9.8	31.4	125	26.5	0.16	1.36	876	154	9.7	83.2	130.8	30.8	0.06	0.31	913	149	8.6	76.5	135.2	15.5	0.27	1.12	867
4/7/19	152	9.2	50.3	125.4	18.5	0.16	1.57	949	153	10	103.5	129.7	28.3	0.07	0.37	912	151	8.8	109.6	132.7	26.4	0.34	1.13	874
4/8/19	152	9.4	31.7	122.1	26.9	0.17	1.55	933	153	9.7	67.8	128.2	27.1	0.12	1.09	913	154	8.9	97.5	132.1	25.7	0.24	1.22	885
4/9/19	153	9.4	23.3	122.9	23.7	0.24	1.58	931	154	9.7	73.5	129.1	26.3	0.19	1.2	925	147	9.4	85.1	132	34.6	0.47	1.04	882
4/10/19	150	9.6	84	126.2	24.7	0.15	1.48	949	150	9.5	107.8	129.5	19.5	0.09	1.1	934								
4/11/19	150	9.4	51.2	126.2	30.4	0.27	1.47	926	154	9.5	55.8	129.7	26.8	0.22	1.34	915								
4/12/19	149	9.2	49.5	125.8	21.4	0.18	1.65	932	151	9.6	104.8	130	26.3	0.09	1.1	915	148	9.5	97.1	137.2	32.2	0.31	1.15	905
4/13/19	153	9.6	44.7	125	18.8	0.19	1.67	945	154	10.1	80	127.3	27.2	0.07	1.44	911	149	9.3	77.8	135.6	31.8	0.27	1.2	923
4/14/19	151	9.1	57.4	128	15.7	0.21	1.74	944	153	9.4	103.9	128.7	27.1	0.08	1.36	924	144	9.1	101.2	133.3	26.2	0.34	1.1	930
4/15/19									152	9.7	87.4	130.3	24	0.07	1	914	146	9.7	90.2	133.3	23.3	0.28	1.12	905
4/16/19									155	9.4	114.2	127.1	21.8	0.11	1.13	913	147	9.6	109.1	132.6	25.3	0.37	1.16	910
4/17/19									154	9.2	115.6	132.3	17.2	0.20	1.36	935	148	9.8	111.5	134	30	0.44	1.09	917
4/18/19	145	9.7	108	128.3	21.4	0.28	0.63	924	152	9	95.8	132.2	28.1	0.12	1.56	936	147	9.6	109.7	133.1	40.5	0.33	1.13	910
4/19/19	150	9.5	132.5	131.3	21	0.34	0.59	921	155	9.1	108.1	131.7	25.7	0.29	1.69	912	149	9.3	131.6	133.5	35.4	0.47	1.06	902
4/20/19	145	9.6	189.3	129.4	22.1	0.27	0.59	928	156	9.3	164.3	131.5	33.4	0.16	1.45	897	149	9.3	175.7	133.6	35.2	0.36	1.05	903
4/21/19	147	10	132.1	128.6	14.9	0.29	0.63	932	155	9.5	108.7	128.7	20.5	0.10	1.01	915	148	9.3	120.7	132.1	26.2	0.29	1.08	915
4/22/19	152	10	97.2	129.6	20.7	0.34	0.6	916	154	9.2	68.2	131.4	23.4	0.08	1.11	915	152	9.4	84.7	133.6	30.3	0.77	1.19	905
4/23/19	150	9.8	88.6	128.7	25.9	0.35	0.61	916	151	9.2	62.4	128.9	21	0.09	0.79	935	147	9.5	86.6	133.9	28.9	0.35	1.05	912
4/24/19	149	10.1	90.4	130.3	22.1	0.30	0.64	927	155	9.4	82.8	129.9	27.4	0.13	1.21	948	148	9.7	109.5	133.8	25.4	0.25	1.09	910
4/25/19	152	9.9	94	127.7	22.9	0.29	0.66	941									148	9.3	93	133.7	27.9	0.22	1.12	929
4/26/19	148	9.4	92.5	128.7	21.3	0.19	0.66	943									143	9.6	82.8	134.6	31.1	0.34	1.05	908
4/27/19	153	10.1	101.9	129.6	22.4	0.24	0.68	947	153	9.5	75.5	131.6	24.3	0.06	1.36	889	146	9.7	93.7	134.8	34.6	0.33	1.13	909
4/28/19	150	9.9	96.7	127.7	22.3	0.23	0.69	943	153	9.7	98.4	130.5	24	0.07	1.23	912	147	9.7	100.7	134.9	30.6	0.36	1.13	914
4/29/19	151	9.9	66.3	128.8	25.7	0.22	0.68	930	153	9.1	67.3	130	19.1	0.04	0.89	917	147	9.5	66	134.3	29.8	0.20	1.1	909
4/30/19	148	9.6	69.7	126.6	19.4	0.24	0.65	947	152	9.6	72	127.7	27.8	0.07	0.75	910	147	9.7	68.4	133.3	29.4	0.26	0.95	928
Average	150.5	9.5	74.2	126.9	23.6	0.23	1.1	926.6	153.5	9.5	90.8	129.9	25.3	0.14	1.0	919.7	147.8	9.4	97.0	133.5	29.0	0.34	1.1	905.3
Min	145.0	8.7	23.3	122.1	14.9	0.15	0.6	876.0	150.0	9.0	55.8	127.1	17.2	0.04	0.2	889.0	143.0	8.6	48.6	126.7	15.5	0.20	1.0	867.0
Max	154.0	10.1	189.3	131.3	34.9	0.35	1.7	949.0	156.0	10.1	164.3	132.3	33.4	0.54	1.7	948.0	154.0	9.8	175.7	137.2	40.5	0.77	1.2	930.0
St Dev	2.46	0.39	38.26	2.33	4.61	0.06	0.46	19.68	1.50	0.28	22.39	1.42	3.73	0.11	0.44	13.85	2.32	0.32	25.02	1.88	5.30	0.12	0.06	17.26

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.