

Monthly Operating Reports

October 2020

The following October 2020 operating report was sent to the Ministry of Environment and Climate Change Strategy on December 10, 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	17,109		
Waste Processed	tonnes/day	226	122	217
Maximum Waste Processed	tonnes/day	260	229	251
		Units 1, 2, and 3		
Natural Gas Consumed	m ³ /day	8,067		
	m ³ /month	250,071		
Fly ash disposed	tonnes	613		
Bottom ash disposed	tonnes	3,030		

7. Complaints and Responses

Date/Time	Complaint	Action Taken

October 2020 - 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
10/1/20	149	9.8	79.6	130.4	28.1	0.10	0.42	901	152	9.7	50.4	126.4	20.8	0.05	0.44	911	155	10	58.8	129.2	30.9	0.25	1.42	879
10/2/20	147	9.8	75.4	126	40.7	0.08	0.47	916	151	9.9	46.8	128.4	19.3	0.09	0.54	902	155	10.1	55.5	130.7	31.7	0.28	1.46	891
10/3/20	149	10.1	99.6	129	39.4	0.13	0.43	914	150	10.2	58.6	126.9	20.4	0.13	0.69	900	155	10.1	62.1	129.5	30.2	0.43	1.41	900
10/4/20	149	10.2	111.8	128.5	32.2	0.09	0.41	915	142	10.5	63.4	119.6	25.4	0.11	0.23	923	157	10	57.4	134.3	28.1	0.42	1.39	889
10/5/20	149	10.1	114.2	127.5	19.8	0.05	0.42	919	138	11.3	33.5	100.7	28.7	0.12	0.13	936								
10/6/20																								
10/7/20	157	9.8	92.7	129.7	42.8	0.26	0.46	923																
10/8/20	162	10.1	92.6	126.4	34.3	0.16	0.38	908	154	9.6	56.3	112.2	28.3	0.02	0.21	905	152	9.7	104	120.6	37.4	0.21	1.07	878
10/9/20	159	9.6	121.8	127.3	25.4	0.11	0.38	923	152	9.2	77.5	128.4	20.5	0.07	0.39	914	151	9.3	113.2	132.5	34.5	0.19	1.20	894
10/10/20	154	9.9	131.1	130.1	25	0.17	0.47	919	151	8.9	92.4	125.9	16.2	0.03	0.58	935	149	9.2	114.6	132.3	38.1	0.26	1.22	898
10/11/20	151	10.3	168.1	128.3	18	0.20	0.55	921	150	9.2	105.8	126.3	30.2	0.44	1.37	921	149	9.3	139.5	128.7	36.5	1.00	1.48	897
10/12/20	155	10.8	85	127.9	29.4	0.12	0.56	904	152	10.2	53.6	129.2	21	0.07	1.16	895	149	9.8	82.4	134.5	38.1	0.17	1.86	886
10/13/20	156	10.2	110.9	128.6	29.3	0.13	0.59	910	155	9.6	72	129.4	18.2	0.07	1.44	904	155	9.3	108.2	132.2	29.1	0.48	2.52	905
10/14/20	152					0.62		913	155	10.1	64.4	127.3	18.7	0.11	1.39	885	156	9.9	95	134.8	31	0.37	1.63	897
10/15/20	151	9.8	61.5	127.1	22	0.18	0.61	924	152	9.8	56	127.9	16.7	0.10	1.08	911	156	9.6	83.9	132.9	26.4	0.33	0.54	916
10/16/20	155	9.6	71.1	130	31.4	0.14	0.60	938	153	9.8	53.4	125.9	24.6	0.05	1.00	921	154	9.6	89.2	132.4	32.5	0.22	0.82	944
10/17/20	152	9.2	95.3	128.3	34.6	0.16	0.58	939	150	10	74	129.9	18.3	0.07	0.71	920	153	9.9	114.6	132.7	28.4	0.26	1.17	936
10/18/20	149	9.4	120.4	127.4	28.9	0.12	0.59	932	148	10.4	79.7	133.6	23.1	0.06	0.95	886	151	9.9	136.5	131.6	29.7	0.32	1.86	937
10/19/20																	153	9.9	88.2	132.1	33.7	0.54	1.54	947
10/20/20																	155	9.7	105.5	132.6	28.9	0.23	0.33	914
10/21/20	158	9.5	100.5	128.1	29.7	0.13	0.70	932									156	10.1	116.6	132.8	28.4	0.17	0.36	896
10/22/20	158	9.6	98.1	130.1	20.3	0.12	0.70	937									154	9.5	100.5	131.3	25.3	0.20	0.39	914
10/23/20	156	9.5	96.7	126	25.6	0.08	0.73	940									153	9.3	96.5	130.3	26.1	0.22	0.42	910
10/24/20	156	10.2	82.8	129.6	31.3	0.12	0.95	919									155	9.7	80.8	132.2	27.4	0.22	0.31	895
10/25/20	153	9.2	94.6	122.9	30.4	0.16	1.30	938									154	9.5	91.7	132.1	24.1	0.19	0.34	901
10/26/20	156	9.6	67.1	127.2	34	0.11	1.71	923									154	9.8	74.5	131.3	27	0.21	0.37	890
10/27/20	154	9.4	66.4	126.9	26.9	0.04	2.20	919									154	9.6	82.7	131.2	26.1	0.13	0.42	903
10/28/20	156	9.8	61.8	128.7	28.1	0.00	1.56	927									152	9.8	58.4	132.5	29	0.18	0.50	904
10/29/20	153	9.5	61.7	128.7	19.3	0.00	0.47	921									151	9.5	64	132.9	31.2	0.20	0.46	905
10/30/20	154	9.5	73.1	124.9	27.8	0.13	0.72	918	149	9.1	107.5	140.1	8.7	0.14	2.28	875	154	9.8	73	132.6	35.7	0.15	0.41	902
10/31/20	156	9.5	88.1	127.9	16.4	0.00	1.11	930	152	9.2	131.4	135.6	15.6	0.08	1.25	872	153	9.8	93	132.5	28.8	0.15	0.46	904
Average	154	9.8	93.4	127.9	28.6	0.11	0.74	922	150.3	9.8	70.9	126.3	20.8	0.10	0.88	906.4	153.4	9.7	90.7	131.6	30.5	0.29	0.98	904.7
Min	147	9.2	61.5	122.9	16.4	0.00	0.38	901	138.0	8.9	33.5	100.7	8.7	0.02	0.13	872.0	149.0	9.2	55.5	120.6	24.1	0.13	0.31	878.0
Max	162	10.8	168.1	130.4	42.8	0.26	2.20	940	155.0	11.3	131.4	140.1	30.2	0.44	2.28	936.0	157.0	10.1	139.5	134.8	38.1	1.00	2.52	947.0
St Dev	3.6	0.37	24.67	1.72	6.71	0.06	0.45	10.6	4.26	0.60	24.86	8.65	5.31	0.09	0.55	18.66	2.20	0.27	23.14	2.59	3.99	0.17	0.61	17.80

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.