

Monthly Operating Reports

May 2020

The following May 2020 operating report was sent to the Ministry of Environment and Climate Change Strategy on July 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	21,269		
Waste Processed	tonnes/day	242	238	231
Maximum Waste Processed	tonnes/day	256	248	255
		Units 1, 2, and 3		
Natural Gas Consumed	m ³ /day	2,059		
	m ³ /month	63,821		
Fly ash disposed	tonnes	784		
Bottom ash disposed	tonnes	3,913		

7. Complaints and Responses

Date/Time	Complaint	Action Taken

May 2020 - Monthly CEMS Data

Date	Boiler #1								Boiler #2								Boiler #3									
	Stack	O ₂	SO ₂	NO _x	CO	THC	Opacity	Furnace	Stack	O ₂	SO ₂	NO _x	CO	THC	Opacity	Furnace	Stack	O ₂	SO ₂	NO _x	CO	THC	Opacity	Furnace		
	Temp	(%)	(mg/m ³)	(mg/m ³)	(mg/m ³)	(mg/m ³)	(%)	Temp	Temp	(%)	(mg/m ³)	(mg/m ³)	(mg/m ³)	(mg/m ³)	(mg/m ³)	(%)	Temp	Temp	(%)	(mg/m ³)	(mg/m ³)	(mg/m ³)	(mg/m ³)	(mg/m ³)	(%)	Temp
5/1/20	153	9.8	53.5	124.5	25.1	0.18	1.24	947	155	9.2	57.2	128.8	24.4	0.02	0.74	976	153	9.8	76.4	132.2	37.4	0.18	0.41			932
5/2/20	153	10	53.6	124.4	25	0.17	1.28	943	156	9.3	52.5	128.9	26.6	0.04	1.29	953	154	9.6	78.5	130.8	33.9	0.22	0.39			930
5/3/20	155	9.8	64.7	125.6	26.1	0.10	1.30	934	155	9.6	56.3	126.6	22.3	0.05	1.12	952										
5/4/20	155	9.4	33.5	122.7	31.8	0.20	1.39	952	156	9.4	37.5	127.5	31.9	0.07	1.09	946	149	9.5	57.7	129.1	32.1	0.26	0.51			939
5/5/20	150	10	43	126.6	25.3	0.21	1.40	930	153	9.6	50.2	129.7	26.8	0.04	0.83	944	149	9.5	75.2	130.2	25.2	0.15	0.50			928
5/6/20	153	10.1	42.6	124.9	21.2	0.15	1.48	933	152	9.7	43.4	129.3	23.2	0.07	0.93	937	148	9.8	66	128.8	23.9	0.24	0.47			918
5/7/20	153	9.8	38.6	122.4	26.9	0.22	1.60	958	154	9.7	43.2	128.5	32	0.03	1.03	931	149	10	65.5	130.5	29	0.16	0.50			917
5/8/20	151	10.4	53.3	124.9	30.5	0.22	1.75	934	154	9.7	64.7	129.3	30.1	0.08	1.04	922	149	9.8	97.4	131.8	31.7	0.27	0.56			931
5/9/20	148	10.4	56.3	122.3	26.3	0.17	1.84	936	153	9.7	70	129.3	27.8	0.03	0.55	929	149	10.1	96.5	129.7	33.5	0.20	0.59			923
5/10/20	152	10.2	66.3	121	34.2	0.23	1.12	921	157	9.4	78.1	128.5	23.3	0.06	0.92	927	153	10.2	103.8	130.5	40.3	0.22	0.63			900
5/11/20	153	10	44.9	117.1	26.5	0.18	0.22	928	156	9.6	54.1	128.9	25.6	0.07	1.20	927	151	9.7	62.5	131	37.4	0.19	0.62			909
5/12/20	150	10.3	40.5	116.5	30.1	0.12	0.32	926	154	9.5	39.2	129	26.3	0.05	1.11	925	152	9.7	59.1	130.7	36.7	0.16	0.61			910
5/13/20									153	9.5	43.1	126.9	31	0.17	0.47	924	151	9.7	54.1	129.2	35.1	0.32	0.54			904
5/14/20	156	9.6	49.6	127	38.5	0.17	0.43	936	156	9.5	42.8	131.6	30.3	0.05	1.27	917	150	9.8	53.2	130	41.2	0.18	0.54			912
5/15/20	156	9.7	53.5	126.7	26.5	0.17	0.44	924	157	9.5	40.2	130.4	19.8	0.01	1.07	927	152	9.6	55.3	128.7	34.5	0.18	0.55			920
5/16/20	154	9.6	61.5	125.9	21	0.17	0.42	944	156	9.3	60.3	128.6	19	0.02	1.07	958	152	9.5	77.1	130.2	32	0.18	0.57			927
5/17/20	155	9.6	88.9	126.3	24.4	0.15	0.47	945	156	9.1	80.5	130.5	19.8	0.07	0.94	969	151	9.2	92.9	129.3	24.1	0.15	0.58			932
5/18/20	156	9.6	50	127.2	27.7	0.12	0.43	931	157	9.3	48.1	129.7	20.4	0.00	1.16	942	150	9.4	60.2	129.4	31.1	0.21	0.55			904
5/19/20	156	9.6	44.3	126.7	32.5	0.13	0.39	926									150	9.8	41.6	129.3	30.7	0.11	0.57			897
5/20/20	156	9.5	44.7	128	25.5	0.08	0.43	943	154	9.5	46.1	130.8	22	0.03	0.78	928	152	9.9	58.2	128.8	33.6	0.14	0.57			911
5/21/20	156	9.4	56.3	126.8	25.3	0.11	0.50	955									152	9.7	56.2	131.3	27.5	0.13	0.51			931
5/22/20	157	9.8	66.5	128.2	26.8	0.13	0.50	942	155	9.7	82.1	132	25.6	0.04	1.13	954	152	9.4	67.9	129.8	28.6	0.14	0.54			936
5/23/20	157	10	59.8	126.9	24.3	0.07	0.48	950	152	9.8	69.4	131.5	25.9	0.08	0.81	956	152	9.8	66.2	131	27.9	0.20	0.53			916
5/24/20	156	10.2	51.1	127.4	25.5	0.12	0.51	949	152	9.8	61.2	131.5	21.5	0.02	0.46	961	152	10	66.8	130.7	33.4	0.18	0.56			914
5/25/20	153	9.5	42.8	127.1	28.8	0.39	0.52	954	152	9.5	44.2	130.2	21.3	0.04	0.48	966	152	9.6	55.1	130.1	37.3	0.19	0.52			922
5/26/20	151	8.7	31.7	125.1	27	0.26	0.49	958	151	9.5	45.6	131.1	26.7	0.04	0.45	935	151	9.7	62.2	130.6	31	0.17	0.48			908
5/27/20	152	9.3	44.5	119.5	31.7	0.14	0.50	951	156	9.4	49.6	131.8	27.9	0.10	0.57	933	154	10	59.5	130.1	35.4	0.16	0.55			908
5/28/20	153	9.8	77.5	126.5	28.9	0.18	0.54	945	153	9.5	65.7	129.5	23.8	0.07	0.51	944	153	9.9	67.6	130.6	34.3	0.11	0.58			896
5/29/20	157	9.8	86.5	121.1	31.1	0.13	0.48	942	155	9.5	89.8	128	30.1	0.08	1.47	938										
5/30/20	156	9.8	130.5	119.4	29.6	0.12	0.45	958	153	9.7	134.5	129.7	30.5	0.04	1.65	965										
5/31/20	155	9.9	52.3	124.3	22	0.15	0.55	952	152	9.6	59.1	130.5	26.3	0.05	0.41	960	147	10.4	96	131.6	28.1	0.08	0.54			897
Average	153.9	9.8	56.1	124.4	27.5	0.16	0.78	941.6	154.3	9.5	58.9	129.6	25.6	0.05	0.92	943.0	151.0	9.8	68.9	130.2	32.4	0.18	0.54			916.9
Min	148.0	8.7	31.7	116.5	21.0	0.07	0.22	921.0	151.0	9.1	37.5	126.6	19.0	0.00	0.41	917.0	147.0	9.2	41.6	128.7	23.9	0.08	0.39			896.0
Max	157.0	10.4	130.5	128.2	38.5	0.39	1.84	958.0	157.0	9.8	134.5	132.0	32.0	0.17	1.65	976.0	154.0	10.4	103.8	132.2	41.2	0.32	0.63			939.0
St Dev	2.38	0.36	19.64	3.20	3.86	0.06	0.49	11.04	1.79	0.17	20.24	1.43	3.89	0.03	0.33	16.32	1.79	0.26	15.78	0.93	4.52	0.05	0.06			12.71

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.