

Monthly Operating Reports

December 2018

The following December 2018 operating report was sent to the Ministry of Environment and Climate Change Strategy on January 28, 2019.



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	23,532		
Waste Processed	tonnes/day	249	234	266
Maximum Waste Processed	tonnes/day	278	278	276
		Units 1, 2, and 3		
Natural Gas Consumed	m ³ /day	3,311		
	m ³ /month	102,635		
Fly ash disposed	tonnes	851		
Bottom ash disposed	tonnes	3,636		

7. COMPLAINTS AND RESPONSES

Date/Time	Complaint	Action Taken

December 2018 - Monthly Continuous Emission Monitoring System Data

Date	Boiler #1							Boiler #2							Boiler #3						
	Stack Temp	O2 (%)	SO2 (mg/m³)	NOx (mg/m³)	CO (mg/m³)	Opacity (%)	Furnace Temp	Stack Temp	O2 (%)	SO2 (mg/m³)	NOx (mg/m³)	CO (mg/m³)	Opacity (%)	Furnace Temp	Stack Temp	O2 (%)	SO2 (mg/m³)	NOx (mg/m³)	CO (mg/m³)	Opacity (%)	Furnace Temp
12/1/18	150	8.8	57.7	135.0	30.9	0.36	931	152	8.4	44.7	128.7	23.3	0.52	917	147	8.9	58.3	135.7	29.5	0.48	934
12/2/18	150	9.0	57.6	133.3	22.8	0.45	935	153	8.7	52.5	126.3	26.3	0.74	924	147	9.3	65.1	136.2	23.8	0.56	935
12/3/18	150	9.3	56.0	129.9	39.4	0.49	919	153	8.7	42.2	127.2	32.4	0.88	906	147	9.5	52.3	136.2	30.4	0.61	920
12/4/18	150	9.0	55.5	131.9	32.9	0.57	922	153	8.5	34.8	129.4	30.4	1.02	913	148	9.4	47.6	136.6	27.1	0.69	924
12/5/18	146	8.7	47.4	129.6	36.1	0.57	937	153	8.7	45.8	125.8	33.5	1.07	911	147	9.5	61.2	139.8	33.2	0.75	926
12/6/18								152	8.6	30.4	125.1	37.0	0.99	912	148	9.9	33.9	136.9	38.6	0.75	918
12/7/18								152	8.7	29.4	123.0	37.0	0.93	909	147	9.5	41.9	139.5	35.1	0.75	921
12/8/18	150	9.0	69.0	133.4	30.8	0.57	920	154	8.7	49.7	125.8	31.4	0.71	926	149	9.4	51.0	138.0	31.3	0.70	917
12/9/18	150	8.9	53.6	131.6	29.1	0.46	926	152	8.6	42.4	127.3	27.9	0.59	918	149	9.1	55.0	136.7	27.3	0.65	919
12/10/18	150	8.6	37.0	128.1	31.7	0.42	938	152	8.3	38.6	124.7	36.4	0.51	911	148	8.7	30.8	132.0	26.2	0.58	925
12/11/18	151	8.9	43.6	128.1	39.2	0.46	908	150	8.7	44.3	127.4	39.9	0.40	890	148	8.7	32.1	135.2	31.3	0.74	919
12/12/18	151	8.8	50.1	127.6	32.0	0.53	923	148	8.6	40.8	126.5	33.4	0.43	895	146	9.2	38.0	136.8	37.3	0.63	910
12/13/18	151	9.1	42.4	132.5	36.5	0.55	906	147	8.6	24.9	130.0	27.4	0.33	879	148	9.4	38.3	134.0	35.1	0.77	918
12/14/18	149	9.0	37.0	133.9	35.3	0.48	896	147	8.9	16.1	135.7	29.4	0.18	863	149	9.5	30.2	136.4	39.7	0.60	886
12/15/18	150	8.8	42.1	132.3	32.2	0.49	915	145	8.5	26.6	151.0	30.4	0.18	893	147	9.5	31.2	136.7	35.4	0.65	889
12/16/18	148	8.9	39.5	135.5	25.5	0.48	936	138	8.7	10.8	134.7	28.8	0.06	929	146	9.5	40.6	139.6	26.0	0.73	909
12/17/18	134	8.7	25.1	130.4	32.9	0.34	941														
12/18/18															147	9.4	27.8	133.6	33.5	0.60	895
12/19/18	149	8.8	42.5	132.1	28.5	0.50	914	151	8.5	48.6	128.4	30.9	0.01	928	147	9.3	53.1	134.5	35.9	0.64	899
12/20/18	148	8.9	57.1	135.5	38.1	0.46	914								146	8.9	48.1	136.8	34.3	0.62	919
12/21/18	150	8.9	72.5	132.1	33.8	0.60	916								146	9.0	49.3	135.2	36.0	0.76	918
12/22/18	151	8.6	55.1	131.6	22.4	0.59	938	153	8.8	68.3	127.3	23.7	1.19	915	148	8.7	50.3	135.3	22.8	0.81	935
12/23/18	150	8.9	48.1	135.3	21.2	0.53	936	154	8.8	59.5	128.9	19.6	1.09	950	147	9.1	48.7	138.7	24.0	0.74	919
12/24/18	150	8.7	32.2	133.4	30.0	0.47	920	156	8.8	41.6	126.2	25.7	1.09	946	147	8.9	37.3	134.6	25.8	0.75	915
12/25/18	154	8.8	41.6	132.8	29.6	0.53	914	155	9.2	51.3	129.6	26.5	1.25	920	149	9.1	38.9	136.8	31.2	0.89	899
12/26/18	153	9	41.3	135	22.5	0.59	917	154	9.1	48	129	22.4	1.33	944	146	8.7	35.4	135.9	26.8	0.90	918
12/27/18	157	8.7	41.7	128.5	25.5	0.60	933	156	9	44.9	131.1	26.7	1.32	949	149	8.8	37.1	135.2	28.6	0.91	929
12/28/18	154	8.9	32.2	128.7	26.6	0.57	933	155	8.7	35.5	125.1	24.6	1.44	950	148	8.9	34.1	134.6	26.4	0.93	928
12/29/18	155	8.7	36.8	127.3	25.8	0.49	926	156	8.8	52.4	126.9	26.7	1.20	955	149	8.8	37.5	132.7	24.5	0.83	924
12/30/18	155	8.7	42.8	129.1	24.9	0.55	923	153	8.9	47.3	128.3	23.3	1.11	950	149	9.0	41.6	134.8	22.1	0.89	920
12/31/18	155	8.8	36.4	126.2	22.6	0.67	929	154	9.0	41.4	125.9	28.1	1.05	949	149	8.8	38.4	132.4	24.2	0.99	940
Average	150	8.9	46.2	131.5	30.0	0.51	924	152	8.7	41.2	128.7	29.0	0.80	920	148	9.1	42.8	135.9	30.1	0.73	918
Min	134	8.6	25.1	126.2	21.2	0.34	896	138	8.3	10.8	123.0	19.6	0.01	863	146	8.7	27.8	132.0	22.1	0.48	886
Max	157	9.3	72.5	135.5	39.4	0.67	941	156	9.2	68.3	151.0	39.9	1.44	955	149	9.9	65.1	139.8	39.7	0.99	940
St Dev	4.07	0.16	11.04	2.76	5.40	0.07	11.26	3.94	0.21	12.50	5.26	5.00	0.42	23.91	1.07	0.33	9.89	1.99	5.12	0.12	13.15

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.