

Monthly Operating Reports

February 2020

The following February 2020 operating report was sent to the Ministry of Environment and Climate Change Strategy on April 9, 2020.

February 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
2/1/20									154	9.1	55.5	130.1	21.7	0.04	0.57	923	149	9.5	44	129.3	30.5	0.26	0.50	911
2/2/20	157	9.5	83.6	127.8	32.9	0.22	0.97	914	155	8.9	53.6	129.3	25.2	0.05	1.05	934	151	9.6	42.9	130.5	33.5	0.22	0.48	915
2/3/20	154	9.5	48.7	127.2	29	0.20	1.02	927	153	9.1	41.8	130	24.2	0.05	0.78	924	148	9.9	31.5	130.3	33.3	0.28	0.38	900
2/4/20	157	9.7	69.6	128.8	30.6	0.18	1.04	899	152	9.1	51.2	129.1	25.7	0.02	0.36	918	149	10.4	30.4	130.1	41.8	0.63	0.37	880
2/5/20	156	10	74.3	127.4	33.4	0.26	1.09	885	155	9.6	68.6	130.6	36.5	0.07	0.60	890	148	9.9	46.2	131.4	42.2	0.59	0.46	873
2/6/20	155	9.7	70.3	125.8	34.1	0.19	1.01	892	154	9.6	52.9	130.9	29.4	0.07	0.49	900	148	9.7	47.4	131.5	35.9	0.28	0.48	877
2/7/20	155	9.6	66.9	126.4	29.8	0.23	1.02	904	154	9.4	53.8	129.5	25.2	0.03	0.21	906	150	9.5	44.6	130.3	34.2	0.25	0.55	904
2/8/20	155	9.6	66.4	128.6	30.7	0.21	1.04	916	154	9.3	59.1	130.3	27.9	0.06	0.21	898	148	9.4	53	131	34.8	0.27	0.62	915
2/9/20	156	10	63.9	130.5	22.6	0.16	1.04	905	155						0.67	907	149	9.8	52.4	132.3	39	0.07	0.55	906
2/10/20	156	10	38.6	128.7	27.6	0.24	1.07	909	155	9.8	25.2	134.1	26.1	0.49	0.58	907	148	10.1	37.7	131.1	28.2	0.33	0.60	897
2/11/20	155	9.6	60.1	128.7	30.7	0.18	1.07	927	155	9.3	62.7	128.6	29.4	0.20	0.21	930								
2/12/20	154	9.5	96.7	129.2	29.1	0.20	0.64	934	155	9.6	110.2	131	29.4	0.16	0.31	916								
2/13/20	155	9.4	71.1	125.1	36.4	0.18	0.12	931	154	9.2	78.3	128.4	27.2	0.16	0.35	935	149	9.6	116.9	132.4	30.7	0.29	0.02	932
2/14/20	156	9.4	62.9	129	27.2	0.23	0.16	928	153	9.2	61.5	128.8	29	0.22	0.54	938	146	9.6	88.6	129.4	31.3	0.29	0.05	934
2/15/20	155	9.8	60.5	126.5	33.3	0.17	0.18	921	155	9.3	75.6	130.4	28.8	0.17	0.71	926	146	9.8	91.1	129.5	30.8	0.22	0.04	925
2/16/20	155	10	60.7	126.5	34.2	0.21	0.17	910	155	9.5	78.4	129.5	29.8	0.18	0.80	918	147	9.9	106.7	130.1	29.1	0.30	0.03	924
2/17/20	155	9.6	53.3	129	25.6	0.12	0.22	926	156	9.3	65.1	131	25.7	0.20	1.29	927	144	9.8	78.5	129	29.3	0.25	0.05	917
2/18/20	157	9.6	48.9	129.1	26.3	0.20	0.25	923	155	9.1	69.1	128.3	23.2	0.17	1.39	927	148	9.7	78	130	29.2	0.23	0.02	924
2/19/20	157	9.3	50.5	127.9	25.3	0.16	0.29	938	156	8.8	60	129.6	27.9	0.21	0.92	943	148	9.6	84.9	132	30.2	0.22	0.20	925
2/20/20	153	9.4	36.1	127.2	29.1	0.16	0.32	931	155	9	53	129.8	27.8	0.17	0.53	949	147	9.8	68.8	131.6	28.5	0.36	0.37	922
2/21/20	151	9.7	38.9	128.1	31.4	0.18	0.34	936	154	8.9	61.3	128.8	26.2	0.20	0.58	959	146	9.8	69.8	134.1	30.8	0.22	0.39	925
2/22/20	152	9.6	50.7	124.9	28.6	0.22	0.34	944	158	8.8	75	128.8	24.8	0.12	1.31	959	144	9.3	68.7	129	30.7	0.30	0.40	943
2/23/20	151	9.6	54.5	125.7	24.4	0.21	0.36	949	153	8.9	78.7	129.3	22.8	0.12	1.15	945	145	9.1	77.7	130.4	30.7	0.23	0.38	943
2/24/20	153	9.9	56.1	127.2	20.8	0.10	0.36	936	155	9.1	78.2	130.5	20.2	0.17	1.15	942	147	9.8	78.1	131	33.5	0.22	0.37	921
2/25/20	152	9.8	42.4	125.1	21.2	0.08	0.33	947	152	8.9	53.4	128.8	22.3	0.20	0.95	948	147	9.8	61.9	129.7	28.4	0.21	0.40	935
2/26/20	155	9.8	60.2	126.6	21.5	0.12	0.31	943	155	9	82.7	128.8	24.8	0.04	0.97	940	148	9.7	81.5	129	32.6	0.32	0.40	919
2/27/20	154	9.8	34.4	126	21.7	0.18	0.31	945	154	8.9	51.4	127.5	27.3	0.13	0.71	931	148	9.5	71.4	128.6	32.6	0.23	0.39	918
2/28/20	153	9.6	23.7	123.4	30.7	0.21	0.34	935	154	9.2	61.8	128.8	27.6	0.06	0.79	938	148	9.7	63.5	128.2	32.3	0.17	0.39	916
2/29/20	150	9.6	36.5	124.7	28.7	0.19	0.36	924	154	9.1	51.9	129.2	28.3	0.16	0.90	929	147	9.5	61.9	129.2	32.1	0.20	0.37	918
Average	154.4	9.7	56.4	127.2	28.5	0.19	0.56	924.3	154.4	9.2	63.2	129.6	26.6	0.14	0.73	928.0	147.5	9.7	65.9	130.4	32.5	0.28	0.34	915.5
Min	150.0	9.3	23.7	123.4	20.8	0.08	0.12	885.0	152.0	8.8	25.2	127.5	20.2	0.02	0.21	890.0	144.0	9.1	30.4	128.2	28.2	0.07	0.02	873.0
Max	157.0	10.0	96.7	130.5	36.4	0.26	1.09	949.0	158.0	9.8	110.2	134.1	36.5	0.49	1.39	959.0	151.0	10.4	116.9	134.1	42.2	0.63	0.62	943.0
St Dev	1.93	0.20	16.12	1.70	4.34	0.04	0.37	16.91	1.21	0.27	15.83	1.25	3.22	0.09	0.34	17.74	1.63	0.25	21.92	1.36	3.70	0.11	0.19	17.97

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.

