

Monthly Operating Reports

January 2020

The following January 2020 operating report was sent to the Ministry of Environment and Climate Change Strategy on March 6, 2020.



January 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
1/1/20	151	9.6	23.1	124.9	34	0.21	0.63	918	154	8.9	22.1	130	33.3	0.02	0.84	931	147	9.3	35.1	127.7	41.6	0.29	1.08	914
1/2/20	151	10.1	22.2	127.2	29.9	0.19	0.63	909	154	8.9	22.8	129.6	35	0.04	1.65	932	148	9.5	37.6	129.8	37.5	0.27	1.41	923
1/3/20	151	10.2	19.3	125.6	29.8	0.25	0.68	900	150	9.1	19.7	129	31.7	0.04	0.32	913	145	10	27.3	130.4	35.9	0.34	1.22	895
1/4/20	154	10	26.5	129.4	26.5	0.20	0.70	913	151	9.2	24.2	129.8	27	0.03	0.64	917	145	10	30.8	129.4	33.6	0.27	1.29	903
1/5/20	156	9.5	29.7	128.8	28.1	0.17	0.69	923	153	8.7	29.2	129.5	32.7	0.04	0.73	928	146	9.4	37.4	131.2	37.5	0.28	1.41	929
1/6/20	155	9.6	28.3	127.3	33.6	0.23	0.73	928	153	8.7	19.9	129.2	32.5	0.02	0.88	932	148	9.4	30.9	130.2	36.3	0.28	1.50	924
1/7/20	157	9.5	63.7	126.9	45.5	0.70	0.68	914	152	9	50.6	130.5	34.4	0.03	0.37	910	151	9.5	48.3	129.9	36.4	0.33	1.37	912
1/8/20	156	9.8	32.7	130.5	30.5	0.23	0.66	918	154	9.3	31.4	133.7	29.9	0.02	0.99	907	151	10.1	49.6	131.9	39	0.36	1.44	899
1/9/20	156	10.1	32.8	128.6	34.2	0.20	0.74	899	151	9.1	28.1	129.3	29.6	0.02	1.08	918	150	10.2	48.6	130.6	35.5	0.31	1.62	903
1/10/20	155	9.6	30.1	129.8	32.4	0.17	0.82	925	153	8.8	34.3	129.6	31	0.05	1.29	935	149	9.7	44.3	130.4	43.2	0.33	1.51	923
1/11/20	155	9.7	44.6	128.8	31.7	0.14	0.74	923	153	8.8	57.4	129.2	25.7	0.03	0.92	945	146	9.6	56.2	128.1	44.4	0.18	1.30	901
1/12/20	154	9.6	41.3	129.3	28.6	0.21	0.78	923	152	8.8	45.8	131.3	29.4	0.02	1.21	936	147	10	48.8	130.2	42.5	0.22	1.69	890
1/13/20	155	9.8	30.6	127.5	30	0.14	0.89	910	154	9.2	33.6	133.4	32.3	0.03	2.53	924	149	9.6	45.6	127.4	39.1	0.21	2.50	922
1/14/20	152	9.8	25.6	128	29.4	0.15	1.01	922	152	9.1	40.2	131.3	29.6	0.02	1.06	917	151	9.8	43.1	128.5	37.4	0.19	2.23	912
1/15/20	155	9.9	33.9	128.8	34.2	0.14	1.09	908	151	9.2	32.8	130.4	31.5	0.03	0.12	918	149	10	43.6	129.7	39.7	0.17	2.49	912
1/16/20	155	9.4	26.8	125.7	33.6	0.10	1.01	935	151	8.6	32.7	128.1	27.5	0.03	0.57	946	147	9.7	37	130.8	33.4	0.17	1.76	913
1/17/20	155	9.2	22.4	128.2	36.1	0.08	1.03	943	153	8.8	27.4	128.9	33.3	0.02	1.24	945	142	10.3	37.1	129.7	36.4	0.21	0.14	923
1/18/20	156	9.2	24	127.5	30.3	0.18	1.01	943	153	8.7	31.6	127.4	33.2	0.05	0.94	950	149	9.7	40.6	129.5	39.5	0.31	0.16	935
1/19/20	158	9.4	26.7	127.9	36.3	0.19	0.93	935	154	8.9	29.3	128.5	35	0.03	0.41	934	152	9.7	43.6	129.8	38.8	0.35	0.16	917
1/20/20	155	9.4	20.2	128.9	27	0.13	0.87	941	154	9.3	20.3	130.8	32.8	0.03	0.19	925	150	9.4	33.8	130.9	29.4	0.24	0.18	917
1/21/20	154	9.9	16.1	126.3	30.6	0.12	0.83	911	153	9.4	23.9	131.2	32.6	0.01	0.18	918	149	9.6	34	130.6	33.8	0.27	0.13	902
1/22/20	154	9.7	24.8	129.5	29.8	0.16	0.89	930	154	9	32.8	128.2	28.2	0.02	0.33	938	149	9.7	34.9	131.2	30.9	0.21	0.19	912
1/23/20									154	8.9	29.2	128.3	37	0.12	0.20	942	148	9.6	31	131.4	41.4	0.41	0.16	888
1/24/20																	147	10	51.8	130.5	31.1	0.54	0.19	885
1/25/20	151	9.9	111.8	130.2	32.5	0.23	0.81	910									149	9.8	75.5	131.2	35.7	0.32	0.38	912
1/26/20	151	9.6	113.1	126.4	24	0.19	0.51	937	154	9.1	121.7	130.1	27.4	0.09	0.09	917	149	9.6	83.4	130.1	33.1	0.25	0.36	915
1/27/20	152	9.6	88.3	127.2	23	0.13	0.81	936	153	8.7	92.6	129.6	20.7	0.03	0.15	936	147	9.8	48.5	130.5	32	0.23	0.41	921
1/28/20	155						0.97	910	155	8.9	82.9	131	29	0.07	0.50	921	148	9.9	37.5	129.7	31.8	0.28	0.25	896
1/29/20									154	8.6	72.2	130	25.1	0.09	0.67	943	150	10.1	61.2	133.7	39	0.30	0.35	896
1/30/20	154	9.7	79.6	126.8	28	0.23	0.94	906	156	8.7	80	129.1	28.5	0.00	0.82	926	150	10.1	40.1	131.6	35.5	0.29	0.40	903
1/31/20	157	9.8	71.5	130.3	25.7	0.21	0.95	904	156	8.9	65.7	130.5	27.3	0.16	0.62	922	149	9.7	43.6	129.5	29.8	0.26	0.68	907
Average	154.3	9.7	41.1	128.0	30.9	0.20	0.82	920.5	153.1	8.9	42.6	129.9	30.5	0.04	0.74	928.5	148.3	9.8	43.9	130.2	36.5	0.28	0.97	909.8
Min	151.0	9.2	16.1	124.9	23.0	0.08	0.51	899.0	150.0	8.6	19.7	127.4	20.7	0.00	0.09	907.0	142.0	9.3	27.3	127.4	29.4	0.17	0.13	885.0
Max	158.0	10.2	113.1	130.5	45.5	0.70	1.09	943.0	156.0	9.4	121.7	133.7	37.0	0.16	2.53	950.0	152.0	10.3	83.4	133.7	44.4	0.54	2.50	935.0
St Dev	2.02	0.26	27.77	1.52	4.48	0.11	0.15	13.25	1.46	0.22	25.49	1.42	3.53	0.03	0.53	11.83	2.10	0.26	12.35	1.25	3.99	0.08	0.75	12.48

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.