

Monthly Operating Reports

July 2020

The following July 2020 operating report was sent to the Ministry of Environment and Climate Change Strategy on September 10, 2020.



July 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
7/1/20	158	9.7	64	129.8	34.8	0.13	0.25	942	159	9.6	51.7	131.7	28	0.04	0.85	924	147	10.5	60.5	130.1	35.4	0.55	1.08	882
7/2/20	161	9.7	52.8	129.8	25.8	0.12	0.22	950	159	9.7	42.6	129.6	34.9	0.01	0.00	921	149	10.2	53.6	128.9	30.4	0.43	1.05	896
7/3/20	158	9.7	54.6	124.2	26.1	0.22	0.28	943	157	9.5	49.6	132.3	39.5	0.02	0.02	916	147	10.1	70.1	143.6	29.7	0.50	1.09	906
7/4/20	158	9.6	68.1	125.6	25.6	0.15	0.31	958	154	9.6	54.4	134.8	22.8	0.06	0.32	925	148	10.5	78.6	150.1	34.8	0.50	1.10	893
7/5/20	162	9.9	65.7	129.8	20.8	0.07	0.27	959	152	9.6	51.1	133.7	17.8	0.02	0.59	930	146	10.5	66.1	139.7	32.4	0.47	1.15	903
7/6/20	162	10	44.4	128.9	22.6	0.15	0.27	943	156	10.1	37.8	140.5	25.6	0.04	0.64	901	149	10.5	57.6	141.4	36.2	0.49	1.16	885
7/7/20	161	10	57	127.2	27.2	0.20	0.26	943	156	10	58	138.3	24.6	0.06	0.86	925	148	10.8	60.7	139.9	37	0.47	1.12	895
7/8/20	161	10.2	54.7	130	21.1	0.12	0.26	943	154	10	47.5	136.7	19.4	0.05	0.67	923	144	10.9	59.1	140.6	36.8	0.51	1.17	885
7/9/20	157	10.1	59.9	128.6	24.6	0.12	0.25	930	152	9.7	42.7	128.2	19.9	0.03	0.59	928	143	10.8	59.9	129.3	32.9	0.41	1.16	891
7/10/20	162	10.2	68.5	131	26.6	0.11	0.30	938								143	11.1	58.2	129.1	37.2	0.50	1.18	879	
7/11/20	162	10	73.9	128.2	33.5	0.17	0.26	947	156	9.7	68.7	130.5	29.3	0.07	1.22	903	144	11	77.2	128.6	28.4	0.44	1.17	897
7/12/20	162	9.4	64.4	127	23.5	0.10	0.24	957	156	9.6	67.7	130.3	28.9	0.05	0.81	930	146	10.6	76.9	127.9	27.2	0.45	1.14	898
7/13/20	149	10.5	23.2	123.5	27.9	0.21	0.29	900	152	10.2	36.2	130.9	28.7	0.05	0.61	883	145	10.9	42.5	127.8	34.3	0.41	1.19	877
7/14/20	155	10	41.3	128.4	19.1	0.22	0.25	942	152	10.3	46.1	130.4	28	0.07	0.72	889								
7/15/20	157	10.5	61.2	129.5	21	0.18	0.22	929	154	10.3	63.8	131.3	22.3	0.05	0.71	907								
7/16/20	155	10.5	65.2	129.2	19.2	0.17	0.27	939	153	9.9	63	130.3	22.1	0.03	0.66	932								
7/17/20																								
7/18/20	158	10.6	109.1	132.5	42.9	0.32	0.23	929	155	10.1	68.6	131.1	30	0.12	0.95	929								
7/19/20	158	10.8	78.7	128.9	34.5	0.22	0.21	930	153	10.3	56.4	129.4	22.6	0.04	0.34	927								
7/20/20	154	11.2	42.1	128.5	34	0.24	0.20	917	152	10.3	47.9	128.6	29.4	0.06	0.29	914								
7/21/20	154	10.9	45.3	128.1	31.3	0.24	0.26	937	152	10.2	45.3	128.8	24.9	0.08	0.38	921								
7/22/20	157	10.2	65.3	129.3	30.2	0.17	0.29	942	149	9.9	51.4	130.4	29.1	0.05	0.57	934								
7/23/20	154	10.1	86.4	128.7	26.2	0.24	0.30	949	152	9.7	96.8	130.9	20.7	0.06	0.78	922								
7/24/20	156	10.1	81.4	130.6	38.5	0.36	0.29	938	154	9.4	75.7	128.5	28	0.02	1.15	928								
7/25/20	158	10.4	86.1	128.5	26	0.18	0.25	936	155	9.8	81	131.5	25.4	0.06	1.34	921								
7/26/20	156	10.1	75.8	130.6	24.3	0.19	0.24	934	155	9.5	68.2	129.6	20.6	0.06	0.80	935								
7/27/20																								
7/28/20	161	10.4	96.6	124.3	27.6	0.21	0.28	920	159	10.1	102.1	129.8	31.5	0.05	0.86	906								
7/29/20	160	10.2	84.2	127.1	29.4	0.19	0.35	932	156	9.7	84.6	131.7	29.4	0.04	1.05	938								
7/30/20	154	10.4	61	123.7	29.9	0.27	0.32	919	154	9.9	77.4	130.8	37.6	0.08	0.64	915								
7/31/20	152	10.7	55.2	115.6	29.5	0.17	0.26	935	153	10	65.9	128.5	25.4	0.02	0.25	917	149	10.3	120	131.1	44.7	0.63	0.95	867
Average	158	10.2	65.0	127.8	27.7	0.19	0.26	937	154.3	9.9	60.8	131.4	26.7	0.05	0.67	919.4	146.3	10.6	67.2	134.9	34.1	0.48	1.12	889.6
Min	149	9.4	23.2	115.6	19.1	0.07	0.20	900	149.0	9.4	36.2	128.2	17.8	0.01	0.00	883.0	143.0	10.1	42.5	127.8	27.2	0.41	0.95	867.0
Max	162	11.2	109.1	132.5	42.9	0.36	0.35	959	159.0	10.3	102.1	140.5	39.5	0.12	1.34	938.0	149.0	11.1	120.0	150.1	44.7	0.63	1.19	906.0
St Dev	3.4	0.41	18.04	3.24	5.71	0.06	0.03	12.8	2.44	0.28	16.99	2.96	5.31	0.02	0.33	13.40	2.20	0.30	18.18	7.37	4.49	0.06	0.06	10.88

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