









April 2021 - Monthly CEMS Data

Date	Boiler #1								Boiler #2								Boiler #3							
	Stack Temp	O <sub>2</sub> (%)	SO <sub>2</sub> (mg/m <sup>3</sup> )	NO <sub>x</sub> (mg/m <sup>3</sup> )	CO (mg/m <sup>3</sup> )	THC (mg/m <sup>3</sup> )	Opacity (%)	Furnace Temp	Stack Temp	O <sub>2</sub> (%)	SO <sub>2</sub> (mg/m <sup>3</sup> )	NO <sub>x</sub> (mg/m <sup>3</sup> )	CO (mg/m <sup>3</sup> )	THC (mg/m <sup>3</sup> )	Opacity (%)	Furnace Temp	Stack Temp	O <sub>2</sub> (%)	SO <sub>2</sub> (mg/m <sup>3</sup> )	NO <sub>x</sub> (mg/m <sup>3</sup> )	CO (mg/m <sup>3</sup> )	THC (mg/m <sup>3</sup> )	Opacity (%)	Furnace Temp
4/1/21	154	9.8	78.2	130.9	28.5	0.23	0.91	951	152	9.1	61.5	128.4	31	0.06	1.23	947	158	9.7	82.3	133	32.5	0.34	0.30	922
4/2/21	154	9.7	86.8	130.7	26.9	0.17	0.83	938	154	9.1	81	128	27	0.11	0.89	940	158	10	96.8	133.7	29.1	0.41	0.25	897
4/3/21									157	8.9	62.8	126.9	19.7	0.05	0.84	947	157	9.6	67	133.1	28.4	0.30	0.39	911
4/4/21									155	9	63.8	134.3	19.9	0.07	0.31	964	156	9.5	70.7	133.1	21.5	0.24	0.37	932
4/5/21	160	9.6	104.3	128.8	27	0.22	0.92	943								156	9.6	55.2	131.7	31.4	0.45	0.39	939	
4/6/21	159	9.8	166.6	129.1	28.7	0.19	0.95	945								155	9.4	86.4	133.2	26.2	0.26	0.42	940	
4/7/21	160	10.2	120.1	131	23.7	0.20	0.92	928								155	10	78.3	131.9	24.3	0.32	0.41	907	
4/8/21	160	10	95.5	129.4	21	0.05	0.95	946	146	9.5	102.1	132.7	21.4	0.07	0.70	895	155	10.1	53.3	132.9	23.5	0.30	0.39	913
4/9/21	160	9.8	75.5	129.3	23.5	0.11	0.93	960	152	9.1	99.7	133.4	33.1	0.12	1.51	919	152	9.8	49.1	133.1	28.2	0.33	0.42	932
4/10/21	159	9.5	90.1	129.7	24.2	0.03	0.96	962	151	9.2	113.7	129.3	24.9	0.13	0.40	945	151	9.6	57.7	131.4	32.5	0.30	0.42	926
4/11/21	160	9.7	100.9	129.4	21.8	0.16	1.03	934	154	9.4	126.8	132.4	24.4	0.09	1.27	941	152	9.9	64	131.2	29.8	0.38	0.45	917
4/12/21	160	10.1	80.2	130.9	19.8	0.17	1.03	933	154	9.5	105.9	132.2	20.9	0.08	1.32	926								
4/13/21	160	10	134.3	130.4	22.6	0.13	1.02	941	152	9	114.3	132.1	14.2	0.06	1.08	967								
4/14/21	158	10.1	120.9	132.2	22.3	0.11	1.01	954	152	9.1	116.5	130.8	15.5	0.05	0.97	957								
4/15/21	159	9.9	96	132.4	24.8	0.18	1.08	955	154	8.8	122.2	130.1	15.1	0.04	0.93	965								
4/16/21	157	9.7	89.7	128.2	30.5	0.18	1.06	948	152	8.9	101.2	129.1	23.3	0.08	0.83	965								
4/17/21	155	9.7	86.9	130.1	19.8	0.15	1.02	946	150	9	97.7	129.8	18.2	0.06	0.99	948								
4/18/21	158	10	117.7	129.4	27.1	0.22	1.04	935	152	9.4	125.8	130.3	22.4	0.05	0.82	919								
4/19/21	158	10.1	67.6	128.9	20.7	0.15	1.01	936	153	9.4	74.8	127.4	15.5	0.10	0.75	936								
4/20/21	158	10	67.6	129.7	25.5	0.15	1.01	965	151	9.6	76.4	126.9	14.8	0.08	0.80	953								
4/21/21	159	9.9	67.1	129.3	42	0.38	1.01	948	150	9.4	85.1	129.7	13.2	0.08	0.96	941								
4/22/21	160	10	67.3	127.6	24.7	0.54	1.00	934	151	8.9	66.4	128.6	16	0.07	1.21	957								
4/23/21	160	9.9	69.6	129.9	27.2	0.72	0.98	940	152	9	63.9	128.5	23.1	0.05	1.32	956								
4/24/21	160	10.3	75.4	129.5	17.2	0.41	1.00	923	151	9.1	66.1	130.3	20.8	0.08	1.75	944								
4/25/21	161	10.7	104.2	129.5	23.5	0.35	1.05	932	154	9.5	117.6	133.1	28.6	0.07	1.81	941	151	9.9	91.3	130.7	13.9	0.58	0.73	884
4/26/21	159	10	96.7	127.5	19.3	0.17	1.05	951								153	9.5	131.9	139.6	35.5	0.46	0.87	889	
4/27/21	156	9.9	78.6	127.3	28.5	0.23	1.04	957	152	8.8	97.3	141.7	17.3	0.07	0.03	961	151	9.6	110.6	130.9	32.6	0.42	0.82	902
4/28/21	156	10	58	128.4	34.4	0.21	1.00	926	154						0.41	956	152	9.5	94.4	131.9	31.3	0.41	0.79	921
4/29/21	154						1.00	964	148	8.5	62.6	130.4	20.1	0.04	0.35	953	153	9.3	95.9	130	26	0.35	0.77	932
4/30/21	155	10.2	55.1	126.3	32.1	0.27	0.99	939	151	9.1	66.5	136.6	21.6	0.04	0.65	936	154	10	92.8	131.6	32.3	0.36	0.82	896
<b>Average</b>	158	9.9	90.8	129.5	25.5	0.23	0.99	944	152.1	9.1	90.9	130.9	20.9	0.07	0.93	945.3	154.1	9.7	81.0	132.5	28.2	0.37	0.53	915.3
<b>Min</b>	154	9.5	55.1	126.3	17.2	0.03	0.83	923	146.0	8.5	61.5	126.9	13.2	0.04	0.03	895.0	151.0	9.3	49.1	130.0	13.9	0.24	0.25	884.0
<b>Max</b>	161	10.7	166.6	132.4	42.0	0.72	1.08	965	157.0	9.6	126.8	141.7	33.1	0.13	1.81	967.0	158.0	10.1	131.9	139.6	35.5	0.58	0.87	940.0
<b>St Dev</b>	2.2	0.24	25.26	1.41	5.26	0.15	0.05	11.7	2.23	0.27	23.16	3.29	5.28	0.02	0.43	16.76	2.41	0.24	22.34	2.11	5.28	0.08	0.21	17.41

Blank days have less than 18 hours of valid data due to unit shut downs or analyzer outage/maintenance. 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.