

Monthly Operating Reports

September 2020

The following September 2020 operating report was sent to the Ministry of Environment and Climate Change Strategy on November 5, 2020.

September 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
9/1/20	157	10.5	61.7	127.6	29.8	0.06	0.42	915	149	9.8	55.5	128.7	22.1	0.03	0.48	911	151	10.1	73.1	128.9	22.4	0.13	0.88	902
9/2/20	154	10.1	59.9	123.7	24.4	0.06	0.35	944	148	9.3	53.5	131.9	22.3	0.02	0.75	928	146	10	78.8	128.4	29.3	0.17	0.88	899
9/3/20	156	10.3	54.5	125.8	31.2	0.10	0.61	899	150	9.4	51	129.4	24.7	0.10	0.78	925	148	10.3	58.4	129.1	34.5	0.16	0.85	892
9/4/20	157	10.4	55.6	124.8	27.7	0.08	0.57	921	150	9.2	48.9	130.2	23.5	0.07	0.62	928	151	9.9	71.5	129.9	27.8	0.18	0.85	915
9/5/20	158	10.6	56.7	125.9	18.2	0.10	0.37	929	148	9.3	58	129.4	20.2	0.02	0.54	937	152	9.8	77.6	130	22.3	0.17	0.82	932
9/6/20	158	10.8	57.9	126.1	23.5	0.12	0.35	921	149	9.4	63.3	129.7	18.1	0.08	0.56	933	150	9.8	69.6	129.1	21.1	0.19	0.84	926
9/7/20	155	10	75.4	123.8	18.9	0.13	0.38	946	150	9.7	57.4	130	21.2	0.10	0.47	921	150	9.7	57.2	128.8	21.2	0.31	0.88	920
9/8/20	157	10.4	61.5	124.7	18.4	0.05	0.44	933	151	9.9	57.8	130.3	21.9	0.05	0.93	917	151	9.7	64.9	128	18.2	0.12	0.93	922
9/9/20	159	10.5	45.1	124.1	20.4	0.10	0.48	926	154	9.6	50	129.3	20.6	0.02	1.30	928	154	9.7	63.6	129.8	20.1	0.12	0.98	919
9/10/20	159	10.5	44	119.3	25	0.12	0.45	945	153	9.8	49.8	129.4	26.6	0.08	0.94	912	154	9.7	65.2	128.9	23	0.13	0.97	913
9/11/20	157	11	46.7	121.9	36.3	0.17	0.44	939	153	9.6	45.5	127.7	23.6	0.05	1.10	930	154	9.6	57.2	128.7	23.7	0.12	0.95	921
9/12/20	151	11.9	44.4	117.8	39.8	0.24	0.50	903	152	9.9	47.7	127.7	26.6	0.04	1.38	929	153	9.4	60.4	130	20.2	0.12	1.05	922
9/13/20									150	9.9	46.8	127.6	20.7	0.02	0.73	930	152	10	51.7	130.1	21.9	0.25	1.07	899
9/14/20									151	10.1	35.3	127.7	30.9	0.05	0.68	897	153	9.5	56.8	129.3	28.1	0.13	1.19	914
9/15/20									150	10	75.3	129	27.6	0.09	0.14	900	150	9.6	78.6	128.1	34	0.14	1.26	906
9/16/20									153	9.8	120.7	127.2	21.8	0.06	0.29	920	155	9.5	115.2	128.4	23.9	0.20	1.26	930
9/17/20									151	9.9	94.7	128	23.6	0.16	0.08	915	154	9.5	104.4	129.7	25.3	0.36	1.27	922
9/18/20									151	10	67.5	129.5	21.6	0.07	0.16	909	153	9.5	78.8	131.3	32.8	0.18	1.39	921
9/19/20									152	9.8	58	132.1	26.4	0.21	0.67	927	152	9.6	59.5	129.1	33.8	0.21	2.17	912
9/20/20									153	9.4	119.6	127.2	24.7	0.12	0.53	939	153	9.1	117.7	128.4	25.6	0.21	2.22	937
9/21/20									154	9.3	89.3	128.6	25.5	0.06	0.67	915	155	9.3	81.9	129	27.3	0.29	1.97	909
9/22/20									150	9.3	85.1	130.4	23.6	0.08	0.44	924	154	9.4	98.5	130.2	28.5	0.17	2.15	924
9/23/20									151	9.4	57.2	129.7	23.8	0.05	0.54	915	152	9.4	45.4	130.2	32	0.19	2.27	914
9/24/20									150	9.6	41.6	127.7	20	0.12	1.12	896	151	9.3	45.9	130.3	28.5	0.19	1.92	891
9/25/20									153	9.9	44.2	128.1	18.3	0.04	1.45	867	155	9.8	45.6	129.1	26.7	0.33	1.91	877
9/26/20																								
9/27/20	144	10.3	73.6	115	24	0.20	0.41	901	156	10.8	44.5	129.2	16	0.08	1.31	866	155	10.1	57.1	130.6	28.8	0.32	1.40	883
9/28/20	152	9.7	79.3	127.5	31.1	0.15	0.39	882	154	9.6	49.4	127	24.2	0.08	1.03	901	154	9.9	45.2	131.1	35.7	0.41	1.41	883
9/29/20	148	9.6	117	128.3	24.3	0.19	0.42	902	153	9.4	53.6	126.6	21.1	0.06	0.85	908	156	9.8	57	130.1	27.8	0.27	1.43	877
9/30/20	149	10.1	120.6	128.3	22.6	0.14	0.44	897	152	9.5	66.2	128.9	20	0.10	0.44	915	154	10.7	58.1	130.7	40.4	0.41	1.46	897
Average	154	10.4	65.9	124.0	26.0	0.13	0.44	919	151.4	9.7	61.6	128.9	22.8	0.07	0.72	915.3	152.5	9.7	68.8	129.5	27.1	0.21	1.33	909.6
Min	144	9.6	44.0	115.0	18.2	0.05	0.35	882	148.0	9.2	35.3	126.6	16.0	0.02	0.08	866.0	146.0	9.1	45.2	128.0	18.2	0.12	0.82	877.0
Max	159	11.9	120.6	128.3	39.8	0.24	0.61	946	156.0	10.8	120.7	132.1	30.9	0.21	1.45	939.0	156.0	10.7	117.7	131.3	40.4	0.41	2.27	937.0
St Dev	4.4	0.54	23.29	3.84	6.30	0.05	0.07	19.9	1.96	0.34	21.40	1.37	3.16	0.04	0.37	17.77	2.28	0.33	19.68	0.89	5.45	0.09	0.48	16.69

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