

Daily Flare Monitoring Data - Bridgeton Landfill
February 2020

Date	Average Device Flow* (scfm)			Total Avg. Flow** (scfm)
	Utility Flare (FL-100)	Utility Flare (FL-120)	Utility Flare (FL-140)	
2/1/2020	0	1,057	0	1,057
2/2/2020	0	1,077	0	1,077
2/3/2020	0	1,084	0	1,084
2/4/2020	0	1,055	0	1,055
2/5/2020	0	1,055	0	1,055
2/6/2020	0	1,053	0	1,053
2/7/2020	0	1,041	0	1,042
2/8/2020	0	1,053	0	1,054
2/9/2020	0	1,072	0	1,072
2/10/2020	0	1,063	0	1,063
2/11/2020	0	1,061	0	1,061
2/12/2020	0	1,050	0	1,051
2/13/2020	0	989	0	990
2/14/2020	0	981	0	982
2/15/2020	0	1,032	0	1,032
2/16/2020	0	1,057	0	1,057
2/17/2020	0	1,070	0	1,070
2/18/2020	0	1,042	0	1,043
2/19/2020	0	1,049	0	1,049
2/20/2020	0	1,051	0	1,052
2/21/2020	0	1,074	0	1,074
2/22/2020	0	1,088	0	1,088
2/23/2020	0	1,095	0	1,095
2/24/2020	0	1,085	0	1,085
2/25/2020	0	1,064	0	1,064
2/26/2020	0	1,065	0	1,065
2/27/2020	0	1,070	0	1,071
2/28/2020	0	1,072	0	1,072
2/29/2020	0	1,087	0	1,087
AVERAGE	0	1,058	0	1,058

* Flows normalized to **Blower Outlet Flowmeter - EPA Method 2 measurement verified
 *** On 3/18/2016, the Bridgeton Landfill began separating the North Quarry gas to the Auxiliary Flare.
 On 10/8/19, the Bridgeton Landfill combined the North Quarry gas and the South Quarry Gas to the Main Flare

Flare Station Lab Data

South Quarry

Date	CH4	CO2	O2	N2	H2	CO (ppm)	Comments:
12/6/2018	13.5	33.0	7.6	35.5	9.6	390	Gas concentrations based on average of Blower Outlet A and Blower Outlet B
1/4/2019	14.0	33.5	7.6	34.0	10.0	385	Gas concentrations based on average of Blower Outlet A and Blower Outlet B
2/4/2019	17.0	38.0	5.5	27.0	11.0	380	Gas concentrations based on average of Blower Outlet A and Blower Outlet B
3/8/2019	16.5	36.0	6.3	30.5	10.0	340	Gas concentrations based on average of Blower Outlet A and Blower Outlet B
4/8/2019	15.8	35.2	6.6	31.8	9.5	350	Gas concentrations based on average of Blower Outlet A and Blower Outlet B
5/8/2019	17.0	40.0	4.8	27.0	9.5	340	Gas concentrations based on average of Blower Outlet A and Blower Outlet B
6/10/2019	14.8	34.8	6.5	35.2	7.6	270	Gas concentrations based on average of Blower Outlet A and Blower Outlet B
6/14/2019	15.9	37.2	5.4	31.9	8.7	305	Gas concentrations based on average of Blower Outlet A and Blower Outlet B
7/9/2019	15.0	38.0	5.7	32.0	7.6	270	Gas concentrations based on average of Blower Outlet A and Blower Outlet B
7/16/2019	16.0	36.0	5.8	33.0	8.1	275	Gas concentrations based on average of Blower Outlet A and Blower Outlet B
8/9/2019	17.6	40.5	4.6	27.9	8.2	330	Gas concentrations based on average of Blower Outlet A and Blower Outlet B
9/9/2019	17.4	37.4	5.5	30.7	7.9	290	Gas concentrations based on average of Blower Outlet A and Blower Outlet B
9/13/2019	17.4	37.2	5.6	30.5	8.1	290	Gas concentrations based on average of Blower Outlet A and Blower Outlet B
10/9/2019	25.6	37.4	4.3	25.8	6.2	220	Gas concentrations based on average of Blower Outlet A and Blower Outlet B
11/7/2019	24.7	37.5	4.6	26.2	6.4	205	Gas concentrations based on average of Blower Outlet A and Blower Outlet B
12/5/2019	24.5	36.0	5.3	27.5	6.2	195	Gas concentrations based on average of Blower Outlet A and Blower Outlet B
1/3/2020	25.0	36.0	5.2	27.5	5.9	200	Gas concentrations based on average of Blower Outlet A and Blower Outlet B
2/6/2020	24.5	33.0	6.4	30.0	5.8	180	Gas concentrations based on average of Blower Outlet A and Blower Outlet B
3/4/2020	23.5	38.0	5.3	28.0	5.1	160	Gas concentrations based on average of Blower Outlet A and Blower Outlet B

North Quarry

Date	CH4	CO2	O2	N2	H2	CO (ppm)	Comments:
12/6/2018	54.5	38.5	ND	5.1	0.82	ND	Gas concentrations based on average of NQ EP14 A and EP14 B
1/4/2019	54.5	39.0	ND	4.2	ND	ND	Gas concentrations based on average of NQ EP14 A and EP14 B
2/4/2019	51.5	36.5	1.8	9.1	0.78	ND	Gas concentrations based on average of NQ EP14 A and EP14 B
3/8/2019	55.0	38.0	1.8	5.3	0.80	ND	Gas concentrations based on average of NQ EP14 A and EP14 B
4/8/2019	50.4	36.6	0.9	10.8	0.69	ND	Gas concentrations based on average of NQ EP14 A and EP14 B
5/8/2019	50.0	38.5	ND	9.7	0.62	ND	Gas concentrations based on average of NQ EP14 A and EP14 B
6/10/2019	49.5	37.7	ND	10.9	0.56	ND	Gas concentrations based on average of NQ EP14 A and EP14 B
7/9/2019	48.0	40.0	ND	9.5	0.50	ND	Gas concentrations based on average of NQ EP14 A and EP14 B
8/9/2019	45.9	36.2	2.4	14.4	ND	ND	Gas concentrations based on average of NQ EP14 A and EP14 B
9/9/2019	49.2	36.7	2.1	11.7	0.32	ND	Gas concentrations based on average of NQ EP14 A and EP14 B

Date	South Quarry						North Quarry						Flare Sta #2 FL-100	Flare Sta #3 FL-120	Flare Sta #1 FL-140	SQ Flare Station Total Utility Flare Flow	NQ Utility Flare Flow (scfm)	Total Flow
	CH4	CO2	O2	Bal.	Press./Vac.	Gas Inlet Temp (°F)	CH4	CO2	O2	Bal.	Press./V ac.	Gas Inlet Temp (°F)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	scfm
2/1/2019	17.2	39.1	5.7	38	17.98	46	55.5	38.7	0.2	5.6	0.49	39.2	0	777	0	777	204	981
2/2/2019													0	805	0	805	206	1012
2/3/2019													0	802	0	802	209	1012
2/4/2019	17.5	40.1	5.1	37.3	13	69	55.4	39.1	0.2	5.3	0.42	64	0	788	0	788	215	1003
2/5/2019	15.7	35.7	6.8	41.8	11.95	46.4	54.6	38.4	0.3	6.7	0.54	45	0	777	0	777	215	992
2/6/2019	16.6	38.2	5.9	39.3	12.45	50.8	54	36.1	0.3	9.6	0.51	46.5	0	765	0	765	216	981
2/7/2019	18.1	40.7	5	36.2	13.3	53	56.1	38.2	0.2	5.5	0.89	48.8	0	755	0	756	228	983
2/8/2019	13.2	32.2	8.2	46.4	12.14	29.6	54.3	35.6	0.9	9.2	0.45	27.6	0	724	1	724	227	952
2/9/2019													0	762	0	763	234	996
2/10/2019													0	777	0	777	221	998
2/11/2019	17	37.2	6.1	39.7	12.79	49.5	55.3	38.2	0.4	6.1	0.47	47.6	0	781	0	781	235	1017
2/12/2019	16.8	36.8	6.3	40.1	13.51	50.7	54.5	37.6	0.4	7.5	0.34	45.3	0	771	0	772	234	1006
2/13/2019	15.4	35.1	7.4	42.1	10.34	42.7	52.8	36.9	0.5	9.8	0.64	39.6	0	793	0	794	242	1035
2/14/2019	16	38.9	5.8	39.3	9.13	58.6	54.4	39.8	0.2	5.6	0.6	56.2	0	822	0	822	255	1077
2/15/2019	13.9	35.5	7.8	42.8	14.46	42.2	52	37.2	0.4	10.4	0.83	38.8	0	781	0	782	244	1026
2/16/2019													0	786	0	786	237	1023
2/17/2019													0	786	0	786	233	1019
2/18/2019	14.8	34	7.8	43.4	13.97	45	50	35.5	0.9	13.6	0.59	40.9	0	783	0	783	221	1005
2/19/2019	15.4	34.1	7.3	43.2	14.01	43	51.8	37.2	0.5	10.5	0.49	40.8	0	808	0	808	196	1005
2/20/2019	17.5	37.5	5.6	39.4	14.14	50	55.8	38.9	0	5.3	0.39	45.4	0	801	0	801	200	1002
2/21/2019	15.6	35.3	7.1	42	14.18	48	54.4	38.4	0	7.2	0.43	44.2	0	810	0	810	207	1017
2/22/2019	15.2	34.7	7.2	42.9	14.06	48	55.1	38.2	0.1	6.6	0.58	44.8	0	816	0	816	209	1025
2/23/2019													0	815	0	815	210	1025
2/24/2019													0	785	0	785	184	968
2/25/2019	14.8	33.2	7.6	44.4	16.67	41	54.4	36.9	0.1	8.6	0.38	35.4	10	566	17	593	201	795
2/26/2019	15.5	35.5	7	42	14.52	47	54.9	38.5	0.1	6.5	0.63	43.2	0	807	0	807	198	1005
2/27/2019	15.7	35.7	6.7	41.9	11.82	57	55.4	38.3	0	6.3	0.46	51.3	0	759	0	759	204	964
2/28/2019	14.9	34.3	7.3	43.5	13.85	39	55.4	37.3	0	7.3	0.38	36.2	0	729	0	729	200	929
3/1/2019	16.5	36.4	6.3	40.8	12.16	44	55.2	38	0.2	6.6	0.58	43.6	0	724	0	724	207	931
3/2/2019													0	740	0	740	194	934
3/3/2019													0	724	0	725	180	905
3/4/2019	13.4	31.1	9	46.5	10.26	22	54.8	37.5	0.5	7.2	0.31	19.7	0	703	0	704	180	884
3/5/2019	15.3	33.7	7.5	43.5	12.49	29	56	37.4	0.3	6.3	0.4	29.8	0	725	0	725	183	909
3/6/2019	14.8	33	7.8	44.4	11.44	32	55.5	37.9	0.1	6.5	0.49	31.9	0	735	0	735	193	928
3/7/2019	16.5	36	6.5	41	11.86	48	55.4	38.6	0	6	0.8	45.1	0	751	0	751	211	961
3/8/2019	16.9	36.4	6.1	40.6	11.61	60	55.6	38.8	0.1	5.5	0.36	48	0	742	0	742	211	953
3/9/2019													0	747	0	747	211	958
3/10/2019													0	718	0	719	196	915
3/11/2019	15.2	35.1	7.1	42.6	12.54	52	53.7	38	0.3	8	0.31	49.1	0	761	0	761	211	973
3/12/2019	15.3	34.8	7	42.9	13.17	54	54.5	38.5	0.2	6.8	0.67	49.7	0	781	0	781	217	999
3/13/2019	17.1	38.7	5.7	38.5	13.51	62	54.8	40	0	5.2	0.57	57.1	0	770	0	770	228	997
3/14/2019	17.6	40.2	5.2	37	13.47	72	54.2	40.2	0.2	5.4	0.92	66.8	0	757	0	757	224	981
3/15/2019	14.8	34.2	7.2	43.8	15.58	57	54.1	38.1	0.3	7.5	0.52	50	0	750	0	750	231	981
3/16/2019													0	773	0	773	243	1016
3/17/2019													0	784	0	784	242	1026
3/18/2019	14.7	33.1	7.7	44.5	14.06	52	54	37.4	0.3	8.3	0.55	46.2	0	781	0	781	239	1020
3/19/2019	14.7	33.7	7.3	44.3	14.23	55	54.1	38.5	0.3	7.1	0.48	49.4	0	780	0	780	236	1015
3/20/2019	16.4	36.8	6.2	40.6	14.48	64	54.5	38.1	0.6	6.8	0.61	56.8	0	770	0	770	237	1007
3/21/2019	15.1	37.7	6.5	40.7	13.62	57.8	54.9	37.6	0.1	7.4	0.67	52.4	0	733	0	733	235	968
3/22/2019	15.9	36.1	6.8	41.2	13.63	59	54.4	38.6	0.2	6.8	0.69	52.4	0	785	0	785	225	1009

Date	South Quarry						North Quarry						Flare Sta #2 FL-100	Flare Sta #3 FL-120	Flare Sta #1 FL-140	SQ Flare Station Total Utility Flare Flow	NQ Utility Flare Flow (scfm)	Total Flow
	CH4	CO2	O2	Bal.	Press./Vac.	Gas Inlet Temp (°F)	CH4	CO2	O2	Bal.	Press./V ac.	Gas Inlet Temp (°F)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	scfm
3/23/2019													0	782	0	782	218	1001
3/24/2019													0	781	0	781	221	1002
3/25/2019	15.7	37	6.4	40.9	14.01	63	53.1	38.3	0.4	8.2	0.39	55.5	0	769	0	769	223	992
3/26/2019	14.3	33.4	7.6	44.7	15.2	53	53.4	37.7	0.3	8.6	0.41	46.4	0	772	0	772	220	992
3/27/2019	15.5	36.3	6.5	41.7	13.68	58	53.3	38.1	0.4	8.2	0.97	54.7	0	794	0	794	251	1045
3/28/2019	16.2	36.4	6	41.4	14.86	73	52.1	37.6	0.5	9.8	0.74	66.1	0	800	0	800	256	1055
3/29/2019	14.7	37.1	6.2	42	14.34	73.8	52.7	39.2	0.4	7.7	0.7	64.7	0	806	0	806	254	1060
3/30/2019													0	771	0	771	227	999
3/31/2019													0	771	0	772	227	999
4/1/2019	14.6	33.9	7.6	43.9	13.63	51	50.4	35.9	1.1	12.6	0.73	47.6	0	797	0	797	249	1046
4/2/2019	15.3	34.5	6.9	43.3	14.52	57	51.9	36.9	0.6	10.6	0.95	50.2	0	851	0	851	267	1119
4/3/2019	15.3	35.2	6.9	42.6	13.68	62	50.7	36.7	0.9	11.7	0.98	57.7	0	920	0	920	268	1188
4/4/2019	15.7	35.8	6.5	42	14.77	71	50.9	37.6	0.8	10.7	0.65	63.3	0	923	0	923	268	1191
4/5/2019	14.9	35.9	6.5	42.7	21.17	70.2	51.6	37.4	0.7	10.3	0.77	63.7	0	923	0	923	272	1195
4/6/2019													0	943	0	943	273	1216
4/7/2019													0	954	0	954	259	1214
4/8/2019	16.1	36.7	6.2	41	14.18	79	50.4	37.3	0.9	11.4	0.98	68.9	0	950	0	950	272	1222
4/9/2019	15.9	35.7	6.3	42.1	14.82	77	49.8	37.1	1	12.1	1.02	69.3	0	848	0	848	239	1087
4/10/2019	16	37.1	6.1	40.8	14.18	72	50.4	37.1	0.7	11.8	1.11	66.3	15	909	0	925	280	1204
4/11/2019	16.8	38.3	5.6	39.3	14.48	84	51.2	37.5	0.8	10.5	1.06	77.5	9	934	0	943	275	1218
4/12/2019	15.2	34.3	7	43.5	13.55	61	49.5	35.5	1.3	13.7	0.81	56.3	76	834	0	910	264	1174
4/13/2019													0	924	0	924	260	1183
4/14/2019													0	884	0	884	232	1116
4/15/2019	15.4	35	6.9	42.7	13.34	52	49.9	36.3	0.9	12.9	0.61	52.3	0	908	0	908	254	1162
4/16/2019	16.3	37.2	6	40.5	13.8	72	50.9	36.7	0.9	11.5	0.8	67.9	0	959	0	959	272	1231
4/17/2019	15.9	37.1	6.1	40.9	14.65	80	50.7	36.8	0.8	11.7	0.89	73.7	0	960	0	960	279	1239
4/18/2019	16.7	37.8	5.9	39.6	15.53	78	51.1	37.5	0.6	10.8	0.61	69.2	0	897	0	898	234	1132
4/19/2019	15.9	35.2	6.6	42.3	13.76	61	50.4	35.5	1	13.1	0.64	55.8	0	892	0	893	258	1151
4/20/2019													0	915	0	915	274	1189
4/21/2019													0	933	0	933	277	1210
4/22/2019	16.2	36.4	6.1	41.3	14.73	81	50.1	36.5	0.8	12.6	1.06	75.2	0	950	0	950	270	1220
4/23/2019	15.8	36	6.2	42	14.86	79	48.4	35.3	1.3	15	0.59	69.5	0	922	0	922	255	1176
4/24/2019	16.6	38.2	5.6	39.6	14.44	73	50.3	37.2	0.8	11.7	0.78	68	0	890	0	890	271	1161
4/25/2019	16.3	38	5.3	40.4	14.34	74.7	51.3	36.5	0.8	11.4	0.81	71.5	0	891	0	891	281	1172
4/26/2019	16.4	37.4	5.5	40.7	13.85	68.4	49.4	35.8	1	13.8	1.03	69.5	0	900	0	900	280	1179
4/27/2019													0	902	0	902	271	1173
4/28/2019													0	875	0	875	270	1145
4/29/2019	16.9	37.2	5.7	40.2	13.85	69	50.1	36.2	0.9	12.8	0.85	64.7	0	901	0	901	267	1167
4/30/2019	16.9	37.5	5.6	40	13.8	76	49.8	36.1	0.8	13.3	0.73	69.5	0	896	0	896	275	1171
5/1/2019	17.1	37.9	5.3	39.7	13.8	76	50	37	0.5	12.5	0.96	70.4	0	900	0	900	277	1177
5/2/2019	17.1	39.1	5.2	38.6	17.1	82	49.5	36.9	0.7	12.9	1.05	73.4	0	874	0	875	265	1139
5/3/2019	17.1	39	5.4	38.5	13.76	71	50.6	36.9	0.6	11.9	0.71	67	0	865	0	865	268	1133
5/4/2019													0	878	0	878	273	1151
5/5/2019													0	896	0	897	266	1163
5/6/2019	17.6	39.5	5	37.9	13.51	77	49.2	35.9	1	13.9	0.83	71.2	0	903	0	903	266	1169
5/7/2019	17.1	38.8	5.4	38.7	13.85	80	49.8	36.9	0.9	12.4	0.85	73.6	163	727	0	890	278	1167
5/8/2019	18.2	39.6	4.6	37.6	12.49	80	51.1	37.5	0.4	11	0.82	76.4	0	914	0	914	277	1192
5/9/2019	18.4	40.3	4.8	36.5	10.3	78	51.4	37.1	0.6	10.9	0.64	74.1	0	876	0	876	265	1142
5/10/2019	16.6	36.7	5.8	40.9	7.43	63	49	36.2	1	13.8	1.07	64.4	0	868	0	868	261	1129
5/11/2019													0	858	0	858	258	1116

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	CH4	CO2	O2	Bal.	Press./Vac.	Gas Inlet Temp (°F)	CH4	CO2	O2	Bal.	Press./V ac.	Gas Inlet Temp (°F)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	scfm
5/12/2019													0	863	0	863	241	1104
5/13/2019	17.9	38.9	5.1	38.1	11.19	61	50.1	36.1	0.9	12.9	0.77	64.6	0	869	0	870	254	1124
5/14/2019	17.5	39	4.9	38.6	10.13	69	49.8	37.1	0.8	12.3	0.59	69.1	0	903	0	903	270	1173
5/15/2019	18.3	39.7	4.8	37.2	8.06	76	51.6	37.4	0.5	10.5	1	75.1	0	935	0	936	274	1210
5/16/2019	18.9	41.7	4.7	34.7	8.85	82	51.8	38	0.6	9.6	0.94	81.9	0	952	0	952	265	1217
5/17/2019	17.9	40.3	4.7	37.1	6.96	86	50.5	37.6	0.7	11.2	0.75	82.4	0	947	0	947	271	1218
5/18/2019													0	948	0	948	277	1225
5/19/2019													0	928	0	928	269	1197
5/20/2019	17.3	37.3	5.5	39.9	14.77	78.2	51.8	35.3	0.7	12.2	0.78	77.7	0	908	0	908	257	1165
5/21/2019	17.3	38.8	4.7	39.2	12.14	66.5	52.2	37	0.7	10.1	0.63	64.1	0	892	0	892	240	1132
5/22/2019	18.1	39.6	4.8	37.5	11.82	76	51.5	37.2	0.4	10.9	0.73	74.1	0	862	11	872	262	1135
5/23/2019	16.2	37.8	5.3	40.7	12.45	88.2	51.6	37.3	0.7	10.4	1	83.3	0	968	0	968	253	1221
5/24/2019	17.3	39.4	5	38.3	13.17	89	51.1	37.3	0.5	11.1	0.83	83.7	0	1,014	0	1014	267	1281
5/25/2019													0	1,015	0	1016	280	1296
5/26/2019													0	994	0	994	274	1268
5/27/2019													0	1,007	0	1007	260	1268
5/28/2019	17.9	39.5	4.6	38	13.51	90	51.3	37.6	0.7	10.4	0.81	88.1	0	1,018	0	1018	271	1290
5/29/2019	19	38.1	5.2	37.7	12.45	82	53.5	37.2	0.9	8.4	0.53	75.9	0	971	0	971	274	1245
5/30/2019	17.9	40.2	4.7	37.2	12.41	83	51.4	37.8	0.6	10.2	0.79	80.9	0	962	0	962	273	1235
5/31/2019	17.7	39.7	4.9	37.7	13.04	84	51.3	36.9	0.8	11	1.03	82.5	65	905	0	970	277	1247
6/1/2019													0	898	0	898	254	1152
6/2/2019													0	932	0	932	211	1143
6/3/2019	17.5	38.2	5.1	39.2	9.2	79	51.9	37.3	0.4	10.4	0.94	77.9	0	975	0	975	265	1240
6/4/2019	17.1	37.8	5.4	39.7	9.88	82	51.9	37.6	0.6	9.9	1.02	78.8	0	988	0	988	278	1266
6/5/2019	17.5	37.9	5.2	39.4	9.75	85	51.9	37.4	0.6	10.1	0.78	84.9	18	962	0	980	276	1256
6/6/2019	17.4	38.5	5.2	38.9	10.47	85	51.5	38.3	0.6	9.6	0.73	82.8	0	986	0	986	274	1260
6/7/2019	17.1	38.4	5.4	39.1	10.09	89	51.5	37.9	0.7	9.9	0.94	85.6	0	997	0	997	284	1281
6/8/2019													0	977	0	977	282	1259
6/9/2019													0	986	0	986	282	1269
6/10/2019	15.2	34.5	6.3	44	10.07	82.8	51.2	36.4	1	11.4	1.06	83.7	0	989	0	990	273	1263
6/11/2019	16.6	35.3	5.9	42.2	10.3	81	51.4	37.7	0.6	10.3	0.56	80.3	0	1,004	0	1004	288	1292
6/12/2019	17.2	37.7	5.1	40	10.3	81	52.3	37.7	0.4	9.6	0.81	78.5	0	963	0	963	278	1241
6/13/2019	16.7	36.3	5.5	41.5	10.72	75	51.6	37.2	0.5	10.7	1.11	75.7	0	962	0	963	272	1235
6/14/2019	17.2	37.3	5	40.5	10.81	81	51.5	37.6	0.4	10.5	1.01	84.7	0	933	0	933	294	1226
6/15/2019													0	943	0	943	276	1219
6/16/2019													0	954	0	954	264	1219
6/17/2019	18.2	38.9	4.8	38.1	12.37	91	51.8	37.9	0.7	9.6	0.85	85.3	0	917	0	917	273	1191
6/18/2019	18.4	39.7	4.5	37.4	10.38	90	52	37.9	0.4	9.7	1.05	86.9	0	951	0	951	291	1242
6/19/2019	18.8	39.9	4.1	37.2	11.48	93	52	37.3	0.5	10.2	0.98	87.5	0	951	0	951	290	1241
6/20/2019	18.2	39.6	4.4	37.8	12.66	87	52.3	37.7	0.4	9.6	0.97	81.9	0	938	0	938	290	1228
6/21/2019	18.4	40	4.2	37.4	10.6	91	51.9	38.4	0.4	9.3	0.85	86.8	0	900	0	900	286	1186
6/22/2019													0	895	0	895	289	1185
6/23/2019													0	898	0	898	280	1178
6/24/2019	18.7	40.2	4.5	36.6	12.79	86	52	37.6	0.7	9.7	0.86	80.8	0	913	0	913	282	1195
6/25/2019	17.8	39.6	4.8	37.8	12.41	86	51.5	37.8	0.5	10.2	0.77	81.9	0	944	0	945	294	1238
6/26/2019	18.3	39.4	4.6	37.7	12.24	93	51.6	37.9	0.6	9.9	1.24	88.9	0	948	0	948	290	1238
6/27/2019	17.4	37.7	5	39.9	11.31	88	51.1	37.4	0.5	11	0.99	82.9	0	979	0	979	295	1274
6/28/2019	17.5	37.9	5	39.6	12.79	95	51.2	37.6	0.6	10.6	1.16	89.2	0	981	0	981	293	1273
6/29/2019													0	999	0	999	299	1299
6/30/2019													0	1,000	0	1000	295	1294

Date	South Quarry						North Quarry						Flare Sta #2 FL-100	Flare Sta #3 FL-120	Flare Sta #1 FL-140	SQ Flare Station Total Utility Flare Flow	NQ Utility Flare Flow (scfm)	Total Flow
	CH4	CO2	O2	Bal.	Press./Vac.	Gas Inlet Temp (°F)	CH4	CO2	O2	Bal.	Press./V ac.	Gas Inlet Temp (°F)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	scfm
7/1/2019	17.3	38	5.2	39.5	11.1	97	50.7	37.6	0.6	11.1	0.83	89.8	0	989	0	989	291	1280
7/2/2019	17.7	39.1	4.9	38.3	12.16	100	51.4	37.9	0.5	10.2	1.28	95.2	0	987	0	987	298	1285
7/3/2019	17.9	38.6	4.7	38.8	11.82	98	50.7	37.6	0.5	11.2	1	91.8	0	982	0	982	295	1277
7/4/2019													0	986	0	986	292	1279
7/5/2019													0	975	0	975	293	1268
7/6/2019													0	980	0	980	295	1275
7/7/2019													0	985	0	985	293	1279
7/8/2019	16.9	36.2	5.6	41.3	11.95	94	50.8	37.7	0.6	10.9	1.2	89.7	0	980	0	980	293	1273
7/9/2019	16.8	37	5.6	40.6	11.9	99	51.2	38.4	0.5	9.9	1.11	93.6	0	977	0	977	295	1273
7/10/2019	15.6	37.8	5.2	41.4	12	100	50.6	37.8	0.7	10.9	0.95	96.8	0	972	0	972	290	1262
7/11/2019	15.7	37.5	5.1	41.7	10.19	93	50.9	38	0.5	10.6	0.72	87.8	0	964	0	965	282	1247
7/12/2019	15	36.6	5.6	42.8	12.13	94	50.1	37.9	0.8	11.2	0.75	89.3	0	984	0	984	285	1269
7/13/2019													0	991	0	991	288	1279
7/14/2019													0	982	0	982	287	1270
7/15/2019	14.9	36.6	5.8	42.7	12.17	97	51.3	37.9	0.6	10.2	0.79	91.7	0	947	0	947	272	1218
7/16/2019	16.2	37.8	5.1	40.9	10.9	93	51.8	38.1	0.5	9.6	0.8	87.1	0	933	0	933	278	1210
7/17/2019	16.5	38	5.2	40.3	11.54	97	52.1	38	0.7	9.2	0.8	91.2	16	748	0	764	213	977
7/18/2019	17	38.5	4.7	39.8	7.44	90	51.9	38.4	0.5	9.2	0.9	86.8	231	708	0	939	263	1202
7/19/2019	17.1	39.4	4.5	39	8.83	97	51.7	38.3	0.7	9.3	1.18	93.2	0	922	0	922	291	1213
7/20/2019													0	932	0	932	290	1222
7/21/2019													0	919	0	919	286	1205
7/22/2019	17	38.3	4.8	39.9	8.92	84	51.4	37.4	0.9	10.3	0.66	74.5	0	880	0	880	274	1154
7/23/2019	16.8	37.6	5	40.6	9.3	84	51.5	37.6	0.7	10.2	0.84	83.8	0	857	0	857	280	1136
7/24/2019	17.9	38	4.6	39.5	9.46	87	52.4	37.5	0.7	9.4	1.02	87.2	0	863	0	863	284	1147
7/25/2019	18.1	38.8	4.4	38.7	9.7	88.4	52.6	37.9	0.6	8.9	0.91	87.5	0	866	0	866	286	1152
7/26/2019	17.9	39.4	4.5	38.2	9.82	90.1	51.9	38	0.7	9.4	1.05	87.9	0	873	0	873	278	1151
7/27/2019													0	869	0	869	274	1143
7/28/2019													0	877	0	877	268	1144
7/29/2019	18.3	39.4	4.5	37.8	9.97	87	51.7	36.6	0.9	10.8	0.85	77.7	0	904	0	904	274	1178
7/30/2019	16.8	38.2	4.8	40.2	10.52	89	51.9	37.7	0.5	9.9	1	86.5	0	916	0	916	284	1200
7/31/2019	16.5	37.6	5.1	40.8	10.95	87	51.7	37.1	0.7	10.5	1.09	84	0	923	0	923	279	1202
8/1/2019	16.4	37.9	5.1	40.6	10.23	87	51.8	37.7	0.7	9.8	0.58	83.5	0	934	0	934	265	1199
8/2/2019	16.6	37.5	5	40.9	10.48	86	51.9	37.9	0.7	9.5	0.84	83.5	0	919	0	919	280	1199
8/3/2019													0	906	0	906	291	1196
8/4/2019													0	909	0	909	291	1200
8/5/2019	17.5	38.6	4.4	39.5	10.14	91	51.7	37.3	0.5	10.5	0.87	87.8	0	928	0	928	223	1151
8/6/2019	19.4	39.9	4.5	36.2	10.89	89	52.6	38.1	0.8	8.5	1.09	83.3	0	932	0	932	269	1201
8/7/2019	19.6	39.7	4.5	36.2	9.88	93	53.6	38.2	0.6	7.6	0.96	88.6	0	911	0	911	293	1204
8/8/2019	18.2	40.6	4.2	37	10.23	92	51.3	39.9	0.7	8.1	0.69	87.7	0	929	0	929	279	1208
8/9/2019	19.2	39.6	4.4	36.8	11.19	94	51.8	37.5	0.9	9.8	0.86	89.3	0	925	0	925	296	1221
8/10/2019													0	931	0	931	295	1226
8/11/2019													0	894	0	894	281	1175
8/12/2019	18.3	38.9	4.3	38.5	9.89	93	51.9	36.9	0.8	10.4	0.95	86.3	0	902	0	902	290	1191
8/13/2019	17.7	40	4.6	37.7	9.34	91	51.7	37.9	0.8	9.6	1.27	85.4	0	886	0	886	297	1183
8/14/2019	17.5	39.4	4.4	38.7	9.47	93	51.4	38.2	0.6	9.8	1.09	88.8	0	907	0	907	299	1206
8/15/2019	16.9	38.4	4.6	40.1	8.96	88	51.3	37.6	0.8	10.3	0.7	84.2	0	891	0	891	293	1184
8/16/2019	15.6	33.8	6.5	44.1	9.59	91	51.9	38.2	0.9	9	1.01	86.3	0	967	0	967	282	1249
8/17/2019													0	1,081	0	1081	282	1363
8/18/2019													0	1,051	0	1051	282	1332
8/19/2019	13.6	29.5	8.8	48.1	10.52	96.7	51.5	37.3	0.7	10.5	1.02	89.2	0	1,065	0	1065	287	1352

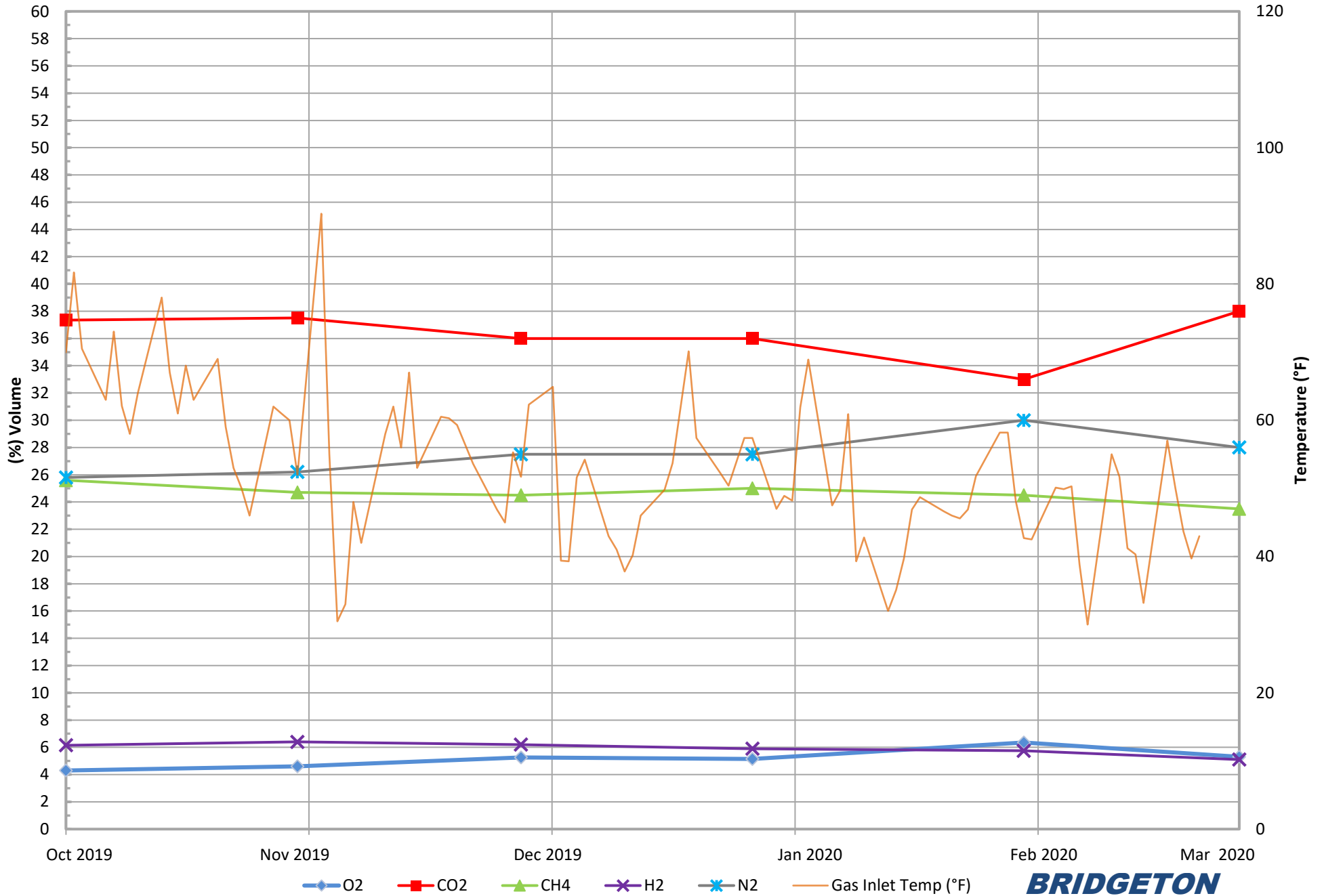
Date	South Quarry						North Quarry						Flare Sta #2 FL-100	Flare Sta #3 FL-120	Flare Sta #1 FL-140	SQ Flare Station Total Utility Flare Flow	NQ Utility Flare Flow (scfm)	Total Flow
	CH4	CO2	O2	Bal.	Press./Vac.	Gas Inlet Temp (°F)	CH4	CO2	O2	Bal.	Press./V ac.	Gas Inlet Temp (°F)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	scfm
8/20/2019	13.2	30.4	9	47.4	9.89	99	50.9	38	0.8	10.3	1.33	92.7	0	939	0	939	278	1217
8/21/2019	13.2	29.3	9.4	48.1	10.48	91	51.6	37.8	0.7	9.9	1.14	88.9	0	1,015	0	1015	293	1308
8/22/2019	14.5	32.8	8.8	43.9	10.95	91	52	38.7	0.7	8.6	0.96	86.2	0	954	0	954	294	1248
8/23/2019	15.9	35.8	7.5	40.8	9.51	86	51.6	38.9	0.7	8.8	1.06	84.7	0	871	0	871	299	1170
8/24/2019													0	841	0	841	299	1140
8/25/2019													0	841	0	841	290	1130
8/26/2019	18.3	39.2	5.9	36.6	9.56	86	52.8	38.4	0.6	8.2	0.74	82.6	0	840	0	840	271	1111
8/27/2019	11.4	25.3	11.2	52.1	10.44	88	51.6	37.7	0.7	10	0.99	85.1	0	921	0	921	273	1193
8/28/2019	17	36.9	6.3	39.8	9.13	84	51.8	37.1	0.9	10.2	1.13	79.9	0	835	0	835	280	1114
8/29/2019	18.6	41	4.8	35.6	9.81	83	52	39	0.8	8.2	1.05	84	0	851	0	852	280	1131
8/30/2019	18.3	40.8	5	35.9	9.47	93	51.6	38.4	0.9	9.1	1.11	88.2	0	840	0	840	265	1105
8/31/2019													0	840	0	840	263	1103
9/1/2019													0	842	0	842	264	1106
9/2/2019													0	862	0	862	343	1205
9/3/2019	19.9	39.5	4.6	36	9.79	92.9	52.7	38.8	0.5	8	1.17	96.4	0	875	0	875	306	1181
9/4/2019	17.8	39.8	5.2	37.2	9.81	92	51.7	38	0.8	9.5	1.02	87.7	0	864	0	865	282	1147
9/5/2019	18.7	38.5	5.1	37.7	9.96	83	52.3	37.9	0.9	8.9	1.25	82	0	878	0	878	284	1162
9/6/2019	18.4	41.4	4.7	35.5	9.51	89	52.4	39	0.4	8.2	1.09	86.6	0	891	0	891	284	1175
9/7/2019													0	891	0	891	279	1170
9/8/2019													0	865	0	865	272	1137
9/9/2019	18	40.6	4.8	36.6	9.47	87	51.9	38.4	0.6	9.1	1.06	84.4	0	891	0	891	279	1170
9/10/2019	17.7	40.1	5.1	37.1	9.77	94	51.7	38.9	0.6	8.8	0.69	88.4	287	641	0	929	280	1209
9/11/2019	17.9	40.2	5	36.9	10.15	95	51.9	39.2	0.5	8.4	1.1	88.4	0	923	0	923	292	1215
9/12/2019	17.8	38.4	5.1	38.7	10.62	95.5	52.2	38.2	0.8	8.8	1.43	90.1	0	930	0	930	219	1149
9/13/2019	18	39.9	5.2	36.9	10.15	95	52.1	38.4	0.8	8.7	1.28	88.7	0	906	0	906	295	1201
9/14/2019													0	897	0	897	297	1195
9/15/2019													0	908	0	908	300	1208
9/16/2019	18.2	39.2	4.7	37.9	10.74	94	51.5	38.1	0.6	9.8	1.1	88.4	0	1,045	0	1045	172	1217
9/17/2019	26.2	38.5	3.9	31.4	11.5	93	52.8	38.9	0.5	7.8	1.39	116.3	0	1,085	0	1085	121	1206
9/18/2019	18	40.4	4.8	36.8	10.19	93	51.5	38	0.7	9.8	1.02	86.3	0	922	0	923	300	1223
9/19/2019	17.8	40.2	5	37	9.81	91.6	51.3	38.7	0.7	9.3	0.66	86.5	0	927	0	927	302	1229
9/20/2019	18.2	39.1	4.8	37.9	10.15	94	51.3	37.8	0.5	10.4	1.3	88	0	900	0	900	298	1198
9/21/2019													0	892	0	892	296	1188
9/22/2019													0	885	0	885	295	1179
9/23/2019	17.7	37.8	5.4	39.1	9.89	85	50.2	36.9	1.3	11.6	1.13	81.2	0	891	0	891	285	1176
9/24/2019	17.6	38.9	5	38.5	10.15	82	50.9	37.3	0.9	10.9	1.12	82.1	0	883	0	883	285	1168
9/25/2019	18.5	39.8	4.9	36.8	9.81	85	52.1	38.4	0.4	9.1	1.12	83.3	0	880	0	880	280	1160
9/26/2019	17.7	39.8	5.6	36.9	10.15	82	51.3	38.2	0.6	9.9	1.26	78.7	0	873	0	873	279	1152
9/27/2019	18.7	41	4.8	35.5	9.81	83	51.8	39	0.7	8.5	0.68	80.9	0	890	0	890	286	1176
9/28/2019													0	869	0	869	287	1156
9/29/2019													0	884	0	884	291	1176
9/30/2019	17.8	39.2	5.2	37.8	10.15	92	50.7	37.9	0.7	10.7	1.24	87	0	899	0	899	296	1195
10/1/2019	17.9	39.2	5.1	37.8	9.81	93	50.6	38.5	0.8	10.1	1.57	87.7	0	912	0	912	300	1211
10/2/2019	17.5	36.7	5.4	40.4	10.19	92	50.6	37.1	0.8	11.5	1	86.6	0	900	0	900	301	1201
10/3/2019	17.3	39	5.7	38	9.85	91	50.5	38	0.8	10.7	1.25	85.4	0	870	0	870	289	1159
10/4/2019	16.4	36.9	6.1	40.6	9.47	70	50.3	37.8	0.7	11.2	1.14	69.5	0	869	0	869	291	1160
10/5/2019													0	878	0	878	293	1171
10/6/2019													0	860	0	860	286	1147
10/7/2019	16.9	37.5	6.1	39.5	9.81	70	50.4	37.7	0.9	11	0.93	68.9	0	875	0	875	290	1165
10/8/2019	17	36.8	5.8	40.4	9.89	69	48.6	35.7	1.5	14.2	0.72	68.3	0	1,054	0	1054	94	1148

Date	South Quarry						North Quarry						Flare Sta #2 FL-100	Flare Sta #3 FL-120	Flare Sta #1 FL-140	SQ Flare Station Total Utility Flare Flow	NQ Utility Flare Flow (scfm)	Total Flow
	CH4	CO2	O2	Bal.	Press./Vac.	Gas Inlet Temp (°F)	CH4	CO2	O2	Bal.	Press./V ac.	Gas Inlet Temp (°F)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	scfm
10/9/2019	25.2	38.3	4.5	32	10.36	70							0	1,147	0	1147		1147
10/10/2019	24.9	36.5	4.6	34	11.23	81.7							0	1,134	0	1134		1134
10/11/2019	25.8	37.1	4.6	32.5	10.74	70.5							0	1,079	0	1079		1079
10/12/2019													0	1,069	0	1070		1070
10/13/2019													0	1,108	0	1108		1108
10/14/2019	24.4	35.9	4.9	34.8	10.49	63							0	1,122	0	1122		1122
10/15/2019	26.1	38.1	4.2	31.6	10.53	73							0	1,110	0	1110		1110
10/16/2019	24.9	35.9	5.1	34.1	10.47	62.1							0	1,093	0	1093		1093
10/17/2019	24.4	35.7	4.9	35	10.49	58							0	1,115	0	1115		1115
10/18/2019	24.9	36.7	4.6	33.8	10.82	64							0	1,129	0	1129		1129
10/19/2019													0	1,128	0	1128		1128
10/20/2019													0	1,131	0	1131		1131
10/21/2019	26.7	39.6	3.7	30	10.57	78							0	1,114	0	1114		1114
10/22/2019	25.1	36.4	4.6	33.9	10.27	67							183	852	0	1035		1035
10/23/2019	24.6	37.2	4.7	33.5	10.61	61							0	1,109	0	1109		1109
10/24/2019	23.7	35.4	5.1	35.8	10.49	68							0	1,063	0	1063		1063
10/25/2019	25.6	37.1	4.3	33	10.61	63							0	1,030	0	1030		1030
10/26/2019													0	999	0	1000		1000
10/27/2019													22	627	14	663		663
10/28/2019	28.4	42.1	2.9	26.6	9.81	69							446	380	0	825		825
10/29/2019	27.1	37.8	3.6	31.5	12.39	59							1,008	0	0	1009		1009
10/30/2019	27.2	39.7	3.5	29.6	10.49	53							1,009	0	0	1009		1009
10/31/2019	27.4	37.9	3.8	30.9	14.55	50							1,006	0	0	1006		1006
11/1/2019	25.1	36.6	4.7	33.6	12.52	46							489	545	0	1034		1034
11/2/2019													0	1,029	0	1029		1029
11/3/2019													0	1,047	0	1047		1047
11/4/2019	26.6	38.3	4	31.1	10.06	62							0	1,043	0	1043		1043
11/5/2019	25.4	38	4.3	32.3	10.49	61							0	1,043	0	1043		1043
11/6/2019	26.1	37.3	4.1	32.5	10.53	60							0	1,055	0	1055		1055
11/7/2019	24	34	5.6	36.4	9.64	52							0	1,005	0	1005		1005
11/8/2019													0	1,001	0	1001		1001
11/9/2019													0	1,058	0	1058		1058
11/10/2019	26.6	39.3	3.6	30.5	10.49	90.3							0	1,058	0	1058		1058
11/11/2019	23.8	36.4	5.7	34.1	9.94	55							0	1,018	0	1018		1018
11/12/2019	22.7	34.6	6.3	36.4	10.02	30.5							0	989	0	989		989
11/13/2019	25.2	38.1	4.7	32	9.85	33							0	1,022	0	1023		1023
11/14/2019	25.2	36.1	5.1	33.6	10.49	48							0	1,037	0	1037		1037
11/15/2019	23.9	36.5	5.3	34.3	10.15	42							0	1,053	0	1054		1054
11/16/2019													0	1,061	0	1061		1061
11/17/2019													0	1,051	0	1051		1051
11/18/2019	25.1	37.5	4.7	32.7	10.49	58							0	1,048	0	1048		1048
11/19/2019	24.8	37.6	4.7	32.9	10.36	62							0	1,058	0	1058		1058
11/20/2019	23.2	34.7	5.6	36.5	10.44	56							0	1,070	0	1070		1070
11/21/2019	25.7	38.6	4.6	31.1	10.7	67							0	1,078	0	1078		1078
11/22/2019	23.8	35.4	5.5	35.3	10.44	53							0	1,060	0	1060		1060
11/23/2019													0	1,059	0	1059		1059
11/24/2019													0	1,071	0	1071		1071
11/25/2019	24.9	36.9	4.9	33.3	10.49	60.5							0	1,095	0	1095		1095
11/26/2019	25.2	36.6	4.7	33.5	10.7	60.3							0	1,114	0	1114		1114
11/27/2019	23.1	32.9	6.1	37.9	10.23	59.3							0	1,064	0	1064		1064

Date	South Quarry						North Quarry						Flare Sta #2 FL-100	Flare Sta #3 FL-120	Flare Sta #1 FL-140	SQ Flare Station Total Utility Flare Flow	NQ Utility Flare Flow (scfm)	Total Flow
	CH4	CO2	O2	Bal.	Press./Vac.	Gas Inlet Temp (°F)	CH4	CO2	O2	Bal.	Press./V ac.	Gas Inlet Temp (°F)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	scfm
11/28/2019												0	1,124	0	1124		1124	
11/29/2019	25.6	36.3	4.7	33.4	10.49	53.6						84	998	0	1082		1082	
11/30/2019												0	983	0	983		983	
12/1/2019												0	1,063	0	1063		1063	
12/2/2019	24.1	35.3	5.7	34.9	10.15	46.9						496	518	0	1014		1014	
12/3/2019	24.8	35.3	4.9	35	10.87	45						453	444	23	919		919	
12/4/2019	23.9	35.1	5.2	35.8	12.18	55.3						0	1,085	0	1085		1085	
12/5/2019	23.8	35.6	5.5	35.1	10.15	51.7						0	1,076	0	1076		1076	
12/6/2019	23.9	34.6	5.5	36	11.04	62.3						46	1,008	0	1054		1054	
12/7/2019												0	1,064	0	1064		1064	
12/8/2019												0	1,060	0	1060		1060	
12/9/2019	25.8	38	4.2	32	10.15	64.9						0	1,046	0	1046		1046	
12/10/2019	22.7	29.9	6.6	40.8	10.53	39.4						0	1,025	0	1025		1025	
12/11/2019	22.9	33.9	5.9	37.3	10.49	39.3						0	1,048	0	1048		1048	
12/12/2019	23.9	35.1	5.2	35.8	10.49	51.6						0	1,058	0	1058		1058	
12/13/2019	25.4	36.4	4.6	33.6	10.61	54.2						0	1,060	0	1060		1060	
12/14/2019												0	1,033	0	1033		1033	
12/15/2019												0	1,022	0	1022		1022	
12/16/2019	24.7	36	5.3	34	10.49	43						0	1,016	0	1016		1016	
12/17/2019	23.4	35.4	5.8	35.4	10.49	41						0	1,017	0	1017		1017	
12/18/2019	23.7	34.9	5.8	35.6	10.15	37.8						0	1,033	0	1033		1033	
12/19/2019	23.8	34.8	5.8	35.6	10.7	40.2						0	1,044	0	1044		1044	
12/20/2019	24.5	34	5.5	36	10.17	46						0	1,044	0	1044		1044	
12/21/2019												0	1,046	0	1046		1046	
12/22/2019												0	1,055	0	1055		1055	
12/23/2019	24.8	36.5	5.2	33.5	10.57	49.8						0	1,072	0	1072		1072	
12/24/2019	25.7	35.2	5.2	33.9	10.22	53.7						0	1,066	0	1066		1066	
12/25/2019												0	1,073	0	1073		1073	
12/26/2019	25.3	35.4	4.9	34.4	10.57	70.1						0	1,000	0	1000		1000	
12/27/2019	24.8	33.5	5.5	36.2	10.3	57.4						0	1,057	0	1057		1057	
12/28/2019												0	1,069	0	1069		1069	
12/29/2019												0	1,050	0	1050		1050	
12/30/2019	25.4	35.4	5	34.2	10.49	52.2						0	1,029	0	1029		1029	
12/31/2019	25.8	35.1	5.1	34	11.65	50.4						0	1,022	0	1022		1022	
1/1/2020												0	1,047	0	1047		1047	
1/2/2020	25.8	37	4.8	32.4	10.49	57.4						0	1,046	0	1046		1046	
1/3/2020	24.9	34.2	5.2	35.7	10.49	57.4						0	1,038	0	1038		1038	
1/4/2020												0	1,028	0	1028		1028	
1/5/2020												0	1,039	0	1039		1039	
1/6/2020	23.5	33.7	5.9	36.9	10.49	47						0	1,038	0	1038		1038	
1/7/2020	23.9	35	5.4	35.7	10.49	48.9						0	1,033	0	1034		1034	
1/8/2020	23	31.6	6	39.4	10.19	48.2						0	1,076	0	1076		1076	
1/9/2020	24.8	36	5.1	34.1	10.61	61.9						0	1,129	0	1129		1129	
1/10/2020	25.6	35.8	4.7	33.9	10.53	68.9						0	1,130	0	1130		1130	
1/11/2020												0	1,076	0	1076		1076	
1/12/2020												0	1,053	0	1054		1054	
1/13/2020	24.4	33.4	5.6	36.6	10.15	47.5						0	1,071	0	1071		1071	
1/14/2020	24.9	35	5.3	34.8	10.15	49.7						0	1,088	0	1088		1088	
1/15/2020	25.3	36.5	5.1	33.1	10.74	60.9						0	1,100	0	1100		1100	
1/16/2020	22.1	32.2	6.8	38.9	10.49	39.3						0	1,067	0	1067		1067	

Date	South Quarry						North Quarry						Flare Sta #2 FL-100	Flare Sta #3 FL-120	Flare Sta #1 FL-140	SQ Flare Station Total Utility Flare Flow	NQ Utility Flare Flow (scfm)	Total Flow
	CH4	CO2	O2	Bal.	Press./Vac.	Gas Inlet Temp (°F)	CH4	CO2	O2	Bal.	Press./V ac.	Gas Inlet Temp (°F)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	scfm
1/17/2020	26.2	34.5	5.4	33.9	9.62	42.8							0	1,064	0	1065		1065
1/18/2020													0	1,063	0	1064		1064
1/19/2020													0	1,023	0	1024		1024
1/20/2020	23.3	32	6.8	37.9	9.64	32							0	1,026	0	1026		1026
1/21/2020	24.5	34.4	5.9	35.2	10.15	35.1							0	1,054	0	1055		1055
1/22/2020	25.1	34.4	5.6	34.9	10.78	39.7							0	1,061	0	1062		1062
1/23/2020	26.3	35.5	4.8	33.4	10.49	46.9							0	1,056	0	1056		1056
1/24/2020	26.5	36.8	4.8	31.9	10.49	48.7							0	1,047	0	1047		1047
1/25/2020													0	1,039	0	1040		1040
1/26/2020													0	1,054	0	1054		1054
1/27/2020	25.5	34.3	5.4	34.8	10.49	46.6							0	1,054	0	1054		1054
1/28/2020	25.6	33.9	5.5	35	10.7	46							0	1,059	0	1059		1059
1/29/2020	25.5	34.1	5.4	35	10.57	45.6							0	1,053	0	1053		1053
1/30/2020	25.2	35.4	5.5	33.9	10.7	46.9							0	1,051	0	1051		1051
1/31/2020	26.1	36.2	5.1	32.6	10.15	51.8							0	1,052	0	1053		1053
2/1/2020													0	1,057	0	1057		1057
2/2/2020													0	1,077	0	1077		1077
2/3/2020	26.9	37.5	4.6	31	10.82	58.2							0	1,084	0	1084		1084
2/4/2020	25.5	35.1	5.4	34	10.19	58.2							0	1,055	0	1055		1055
2/5/2020	26.1	35	5.1	33.8	9.92	48.1							0	1,055	0	1055		1055
2/6/2020	26.7	35.5	5	32.8	10.02	42.7							0	1,053	0	1053		1053
2/7/2020	25.3	34.5	5.6	34.6	10.49	42.5							0	1,041	0	1042		1042
2/8/2020													0	1,053	0	1054		1054
2/9/2020													0	1,072	0	1072		1072
2/10/2020	24.2	31.9	5.8	38.1	10.25	50.1							0	1,063	0	1063		1063
2/11/2020	24.5	34.3	5.4	35.8	10.25	49.9							0	1,061	0	1061		1061
2/12/2020	26.3	35.9	4.8	33	10.31	50.3							0	1,050	0	1051		1051
2/13/2020	24.7	31.4	6.1	37.8	9.88	38.8							0	989	0	990		990
2/14/2020	23.5	31.3	7	38.2	10.43	30							0	981	0	982		982
2/15/2020													0	1,032	0	1032		1032
2/16/2020													0	1,057	0	1057		1057
2/17/2020	26.3	35.2	4.8	33.7	10.07	55							0	1,070	0	1070		1070
2/18/2020	24.5	33.4	5.6	36.5	10.25	51.7							0	1,042	0	1043		1043
2/19/2020	23.5	32.3	6.1	38.1	10.27	41.2							0	1,049	0	1049		1049
2/20/2020	24.9	33.3	5.8	36	9.92	40.3							0	1,051	0	1052		1052
2/21/2020	23.4	33.3	5.7	37.6	9.68	33.2							0	1,074	0	1074		1074
2/22/2020													0	1,088	0	1088		1088
2/23/2020													0	1,095	0	1095		1095
2/24/2020	26.5	36.4	4.4	32.7	10.14	57							0	1,085	0	1085		1085
2/25/2020	25.4	35.4	5	34.2	9.51	50							0	1,064	0	1064		1064
2/26/2020	24.1	33.1	5.6	37.2	9.81	43.7							0	1,065	0	1065		1065
2/27/2020	24.3	32.9	5.6	37.2	9.68	39.7							0	1,070	0	1071		1071
2/28/2020	24.5	33.7	5.5	36.3	9.81	43							0	1,072	0	1072		1072
2/29/2020													0	1,087	0	1087		1087

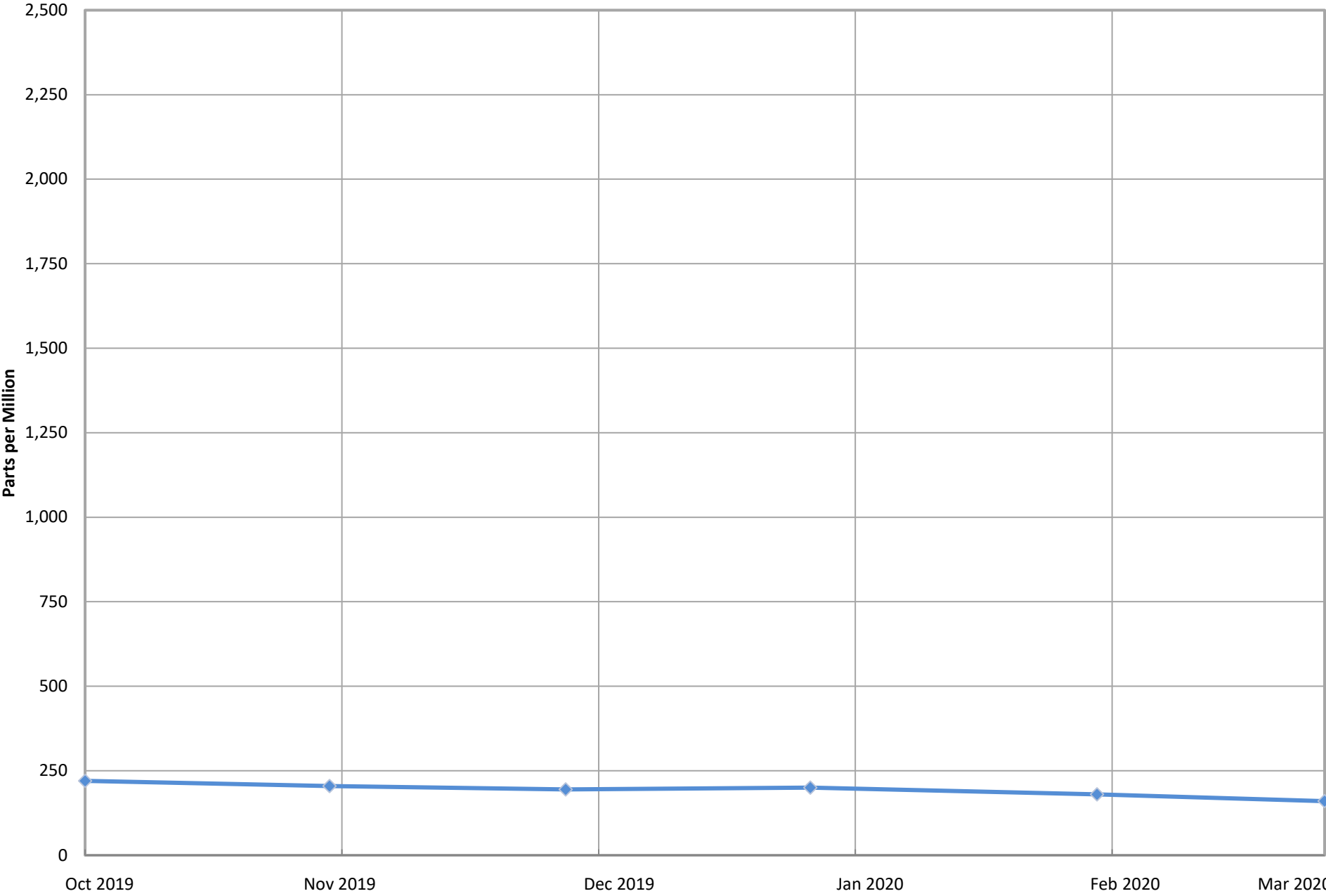
Combined Inlet Gas and Temperature*



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*Gas data collected from Laboratory Reports. Temperature data collected from field readings.

Combined Inlet Carbon Monoxide*

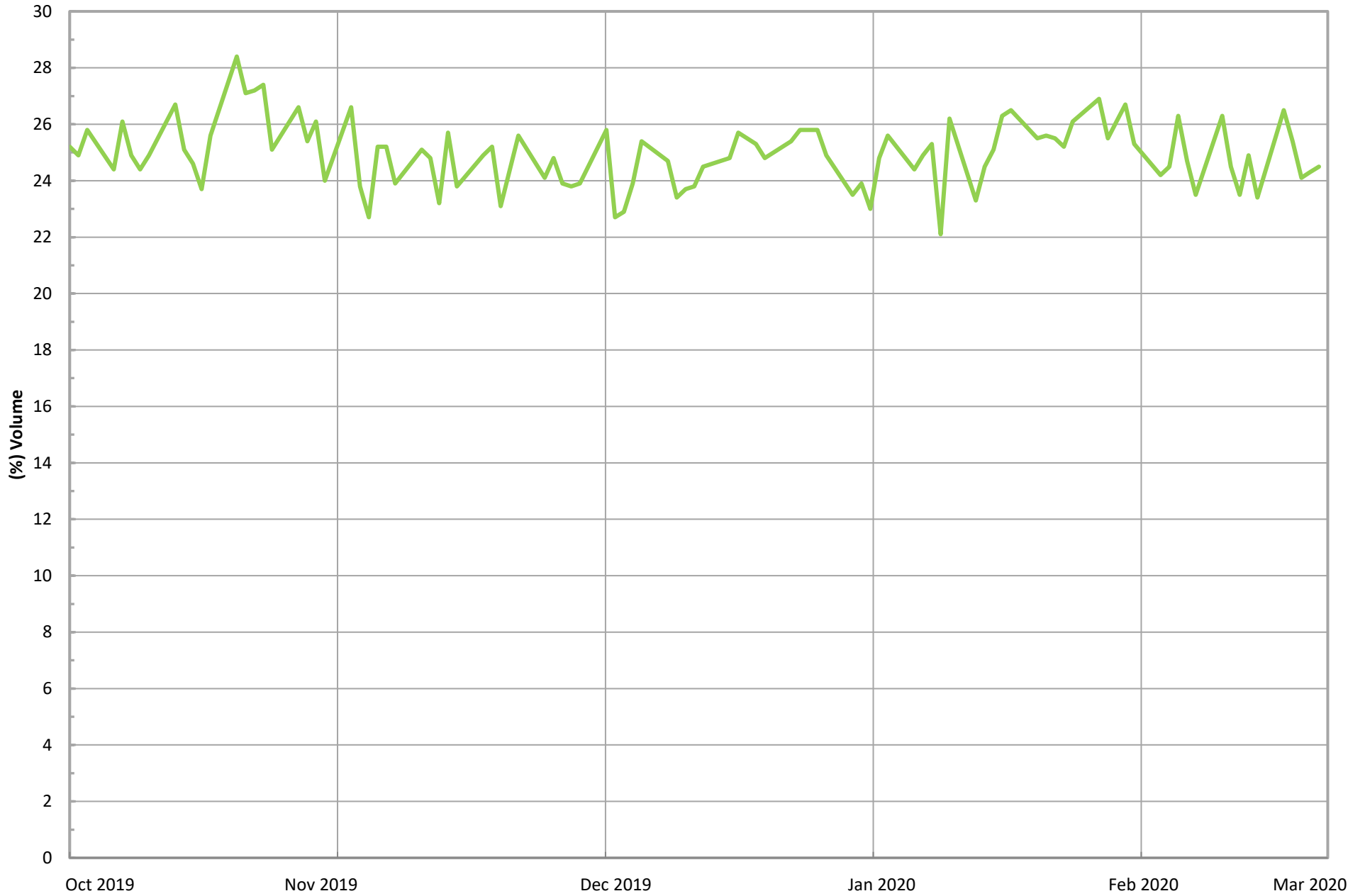


◆ Inlet Carbon Monoxide*

*Data collected from Laboratory Reports.

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Combined Inlet Methane (Field Data)*

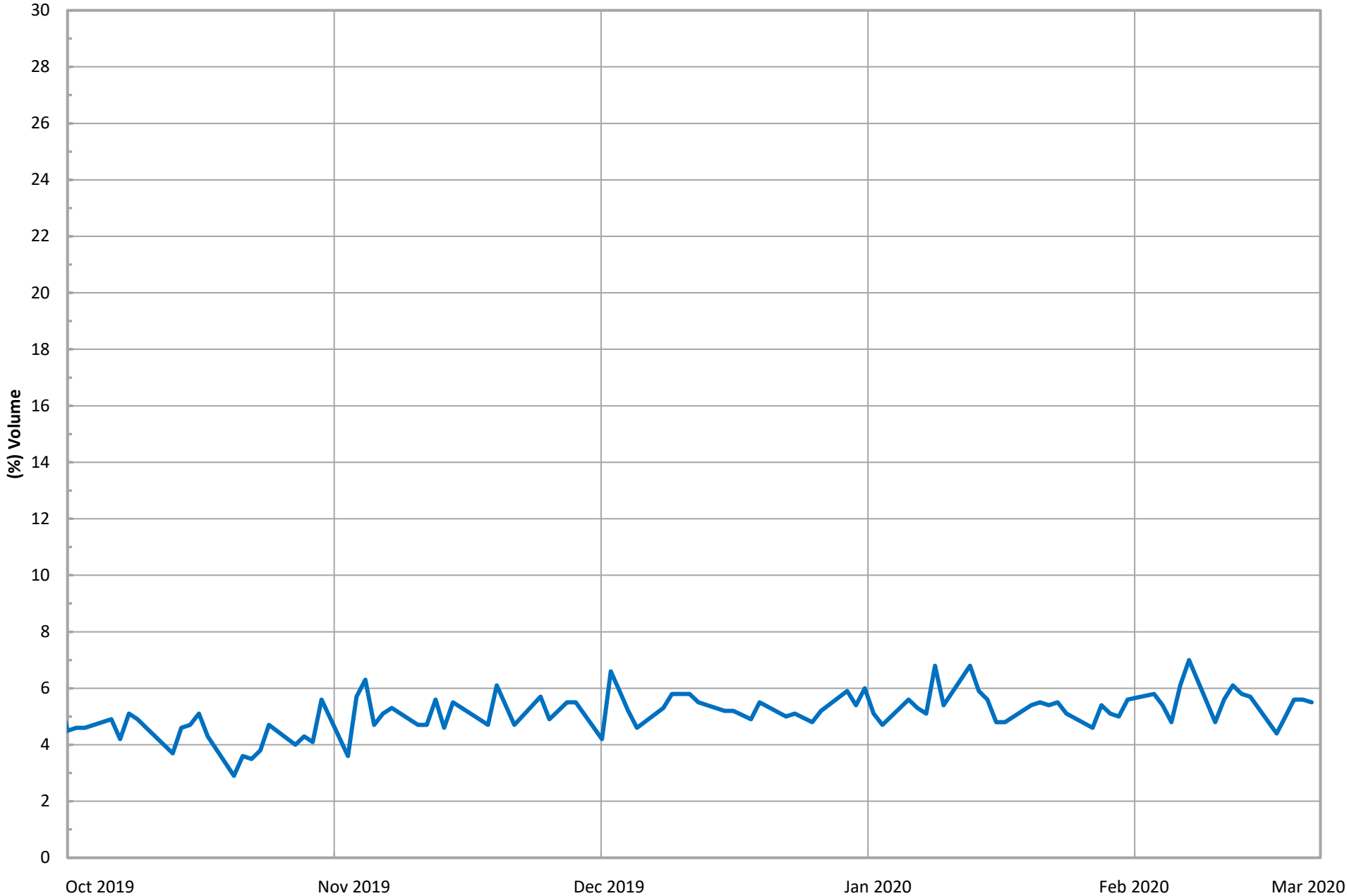


*Gas data collected from field monitoring data.

— Combined Inlet Methane (Field Data)*

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Combined Inlet Oxygen (Field Data)*

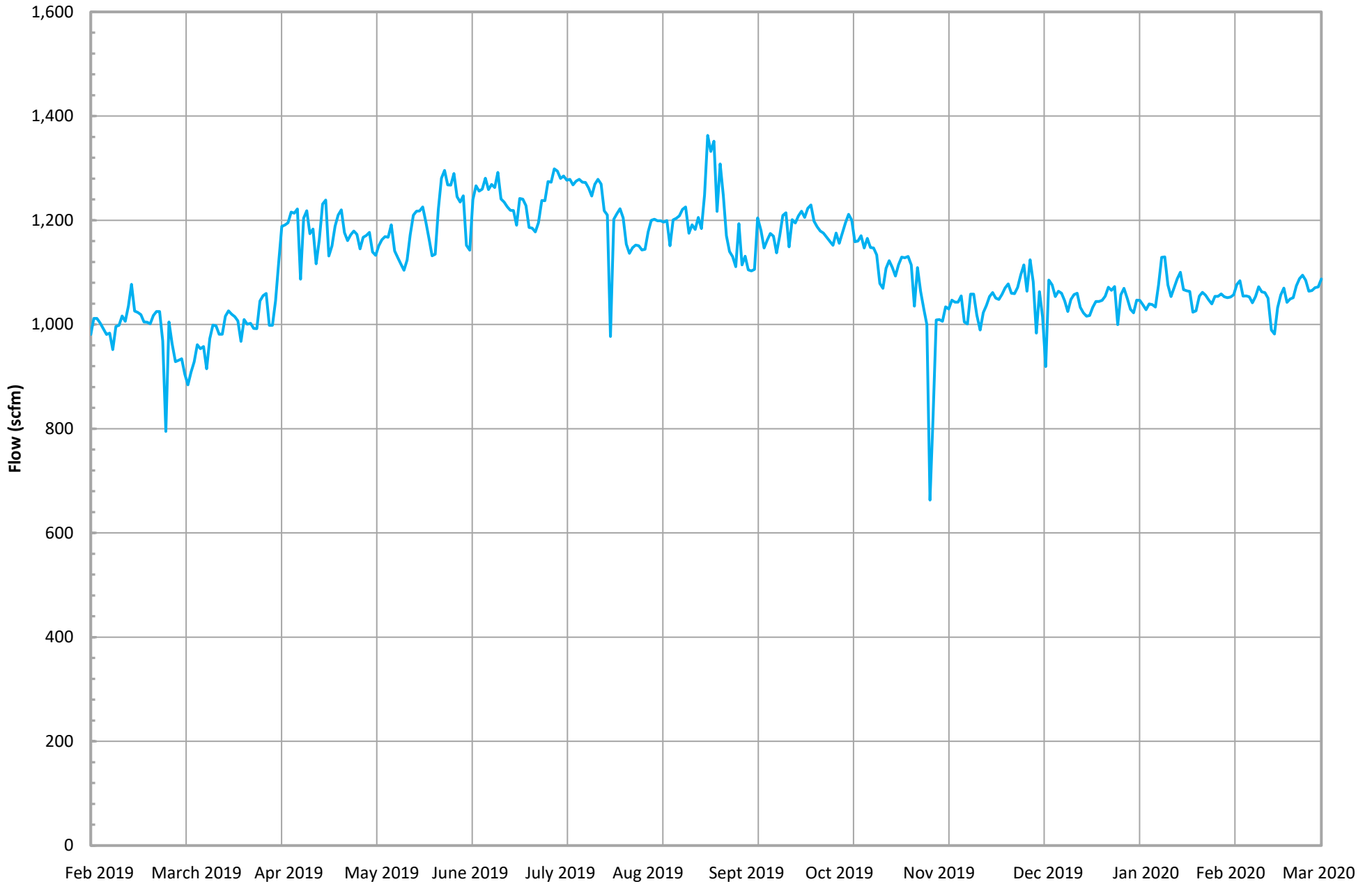


*Gas data collected from field monitoring data

— Combined Inlet Oxygen (Field Data)*

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Total Combined Flow (scfm)*



*Combined flow is based on tabulated flow data collected daily from FL-100, FL-120, FL-140, and the Auxillary Candlestick Flare. On 10/8/19, the Auxillary Candelstick Flare was redirected to the Main Flare.

— Total Combined Flow (scfm)*

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