

**Flare Station Lab Data**

<b>Date</b>	<b>CH4</b>	<b>CO2</b>	<b>O2</b>	<b>N2</b>	<b>H2</b>	<b>CO (ppm)</b>	<b>Comments:</b>
7/1/2015	8.1	31.0	10.0	40.0	10.0	1400	
8/4/2015	9.4	36.0	8.6	35.0	11.0	1100	Gas concentrations based on average of FL-100, FL-120, and FL-140
9/1/2015	7.9	29.7	10.3	41.7	9.2	870	Gas concentrations based on average of FL-100, FL-120, and FL-140
10/6/2015	9.4	33.3	9.0	37.0	9.9	933	Gas concentrations based on average of FL-100, FL-120, and FL-140
11/3/2015	10.7	37.3	7.6	32.3	10.7	1100	Gas concentrations based on average of FL-100, FL-120, and FL-140
12/1/2015	10.6	36.2	8.1	33.6	10.5	1000	Gas concentrations based on average of Blower Outlet 1 and Blower Outlet 2
1/5/2016	11.2	37.6	7.7	32.1	10.7	1000	Gas concentrations based on average of Blower Outlet 1 and Blower Outlet 2
2/2/2016	11.8	37.7	7.8	31.0	10.9	1050	Gas concentrations based on average of Blower Outlet 1 and Blower Outlet 2
3/2/2016	10.7	34.6	8.8	35.3	9.6	910	Gas concentrations based on gas concentration in Outlet B
4/12/2016	8.2	37.0	8.1	35.0	10.5	1050	Gas concentrations based on average of Blower Outlet 1 and Blower Outlet 2
5/3/2016	9.2	41.3	6.3	29.5	12.4	1200	Gas concentrations based on average of Blower Outlet 1 and Blower Outlet 2
6/7/2016	8.8	40.3	6.9	30.5	12.1	1200	Gas concentrations based on average of Blower Outlet 1 and Blower Outlet 2
7/6/2016	9.5	41.2	6.5	29.0	12.1	1100	Gas concentrations based on gas concentration in Blower Outlet B
8/9/2016	10.1	39.3	6.8	30.7	11.4	1100	Gas concentrations based on average of Blower Outlet 1 and Blower Outlet 2

Date							Flare Sta #2 FL-100	Flare Sta #3 FL-120	Flare Sta #1 FL-140	Main Flare Station Total Utility Flare Flow	Aux. Utility Flare Flow (scfm)	Total Flow
	CH4	CO2	O2	Bal.	Press./Vac.	Gas Inlet Temp (°F)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	scfm
7/1/2015	8.6	31.6	10.5	49.3	20.12	134	1444	1536	1763	4743		4743
7/2/2015	9.1	31.1	10.4	49.4	21.52	127	1448	1497	1770	4715		4715
7/3/2015							1504	1493	1758	4755		4755
7/4/2015							1519	1519	1749	4787		4787
7/5/2015							1519	1489	1753	4761		4761
7/6/2015	9.6	32.0	9.8	48.6	23.54	138	1513	1471	1765	4750		4750
7/7/2015	10.0	32.9	8.8	48.3	21.10	132	1383	1438	1755	4576		4576
7/8/2015	8.9	31.2	9.9	50.0	22.99	125	1336	1459	1765	4560		4560
7/9/2015	8.3	30.1	10.9	50.7	23.54	127	1549	1313	1825	4687		4687
7/10/2015	8.9	32.1	10.3	48.7	19.76	132	1485	1523	1800	4807		4807
7/11/2015							1609	1620	1797	5026		5026
7/12/2015							1636	1619	1787	5041		5041
7/13/2015	8.5	31.5	10.6	49.4	22.59	144.0	1585	1601	1737	4923		4923
7/14/2015	9.4	31.9	10.5	48.2	21.43	147.0	1570	1538	1643	4751		4751
7/15/2015	8.3	30.4	10.8	50.5	20.12	145.0	1479	1599	1721	4800		4800
7/16/2015	8.1	30.5	10.8	50.6	20.73	139.0	1547	1546	1741	4835		4835
7/17/2015	8.7	31.9	10.1	49.3	22.44	143.0	1469	1511	1725	4705		4705
7/18/2015							1595	1194	1786	4574		4574
7/19/2015							1426	1545	1544	4514		4514
7/20/2015	10.2	34.3	9.1	46.4	24.76	144	1087	1589	1547	4224		4224
7/21/2015	10.2	30.8	9.9	49.1	20.37	138	1461	1542	1507	4511		4511
7/22/2015	10.4	33.1	9.3	47.2	23.96	141	1473	1538	1531	4542		4542
7/23/2015	10.4	33.8	9.1	46.7	20.61	137	1483	1520	1525	4528		4528
7/24/2015	10.8	34.8	8.8	45.6	21.04	138	1454	1482	1505	4442		4442
7/25/2015							1431	1515	1503	4448		4448
7/26/2015							1392	1462	1505	4359		4359
7/27/2015	11.0	36.5	8.2	44.3	20.24	144	1414	1480	1481	4375		4375
7/28/2015	11.1	38.0	7.9	43.0	22.95	142	1405	1462	1471	4337		4337
7/29/2015	9.6	34.2	8.9	47.3	20.55	140	1405	1484	1476	4366		4366
7/30/2015	9.6	36.0	8.7	45.7	19.54	150	1411	1470	1486	4366		4366
7/31/2015	9.4	34.9	9.3	46.4	20.15	140	1410	1476	1483	4369		4369
8/1/2015							1419	1486	1466	4370		4370
8/2/2015							1437	1421	1478	4335		4335
8/3/2015	9.6	35.3	9.2	45.9	20.94	142	1448	1209	1422	4080		4080
8/4/2015	11.1	38.7	7.7	42.5	21.73	136	1528	1528	1504	4559		4559
8/5/2015	9.4	34.6	9.1	46.9	25	140	1196	1589	1350	4134		4134
8/6/2015	9.2	32.4	10	48.4	24.51	131	1399	1490	1407	4296		4296
8/7/2015	9.7	35.5	8.9	45.9	23.41	136	1394	1480	1470	4344		4344
8/8/2015	9.9	34	9.3	46.8	21.16	76.9	1459	1505	1505	4470		4470
8/9/2015							1407	1479	1505	4391		4391
8/10/2015							1401	1490	1501	4391		4391
8/11/2015							1478	1476	1524	4479		4479
8/12/2015	8.7	30.8	10.6	49.9	22.68	140	1491	1497	1302	4290		4290

Date							Flare Sta #2 FL-100	Flare Sta #3 FL-120	Flare Sta #1 FL-140	Main Flare Station Total Utility Flare Flow	Aux. Utility Flare Flow (scfm)	Total Flow
	CH4	CO2	O2	Bal.	Press./Vac.	Gas Inlet Temp (°F)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	scfm
8/13/2015	10.5	32.3	9.6	47.6	18.86	122	1453	1643	1583	4679		4679
8/14/2015	8.4	28.2	11.3	52.1	22.59	130	1648	1717	1646	5011		5011
8/15/2015							1666	1710	1658	5034		5034
8/16/2015							1625	1687	1642	4954		4954
8/17/2015	9.2	29.4	10.3	51.1	20.85	127	1475	1606	1552	4633		4633
8/18/2015	9.5	30.7	10.6	49.2	22.89	130	1457	1629	1559	4644		4644
8/19/2015	8.9	28.5	11	51.6	23.6	122	1447	1596	1639	4682		4682
8/20/2015	8.1	27.8	11.4	52.7	22.44	111	1436	1534	1707	4677		4677
8/21/2015	8.8	28.8	11	51.4	20.98	122	1275	1437	1706	4418		4418
8/22/2015							1438	1466	1711	4615		4615
8/23/2015							1165	1279	1459	3904		3904
8/24/2015	11	27.9	11.4	49.7	21.79	112	1120	1295	1602	4018		4018
8/25/2015	8.8	28.7	11.2	51.3	23.48	107	1307	1457	1679	4443		4443
8/26/2015	8.5	29.5	10.9	51.1	25.91	112	1277	1508	1627	4412		4412
8/27/2015	8.6	29.6	10.9	50.9	20.67	111	1271	1505	1633	4409		4409
8/28/2015	9.2	30.1	10.5	50.2	20.98	119	1320	1440	1642	4402		4402
8/29/2015							1325	1448	1618	4391		4391
8/30/2015							1347	1457	1597	4402		4402
8/31/2015	9	31.4	10	49.6	20.98	141	1410	1355	1639	4403		4403
9/1/2015	15.5	29.9	11	43.6	23.93	122	1408	1319	1605	4332		4332
9/2/2015	10.2	33.4	9.2	47.2	22.38	119	1393	1330	1621	4345		4345
9/3/2015	9.6	31.8	9.9	48.7	21.46	132	1433	1305	1637	4375		4375
9/4/2015	9.4	33.6	9.8	47.2	21.61	131	1216	1216	1576	4008		4008
9/5/2015							1334	1341	1594	4269		4269
9/6/2015							1365	1281	1641	4287		4287
9/7/2015							1244	1251	1603	4099		4099
9/8/2015	10.4	35.2	9	45.4	20.57	122	1061	1323	1569	3953		3953
9/9/2015	10	34.5	9.3	46.2	20.02	115	1090	1251	1514	3854		3854
9/10/2015	9.6	32.9	10	47.5	17.28	120	1272	1348	1625	4245		4245
9/11/2015	8.7	29.7	10.9	50.7	19.11	108	1320	1336	1569	4225		4225
9/12/2015							1265	1317	1586	4168		4168
9/13/2015							1294	1296	1574	4163		4163
9/14/2015	8.9	29.8	10.4	50.9	20.82	103	1480	1102	1575	4158		4158
9/15/2015	9.3	31	10.3	49.4	21.77	109	1660	1025	1236	3920		3920
9/16/2015	9.5	30	10.4	50.1	20.18	109	1136	822	1898	3857		3857
9/17/2015	9.6	30.6	10.1	49.7	19.7	115	1384	867	1606	3857		3857
9/18/2015	10	31.8	9.7	48.5	19.27	120	1359	1133	1689	4180		4180
9/19/2015							1200	1122	1667	3989		3989
9/20/2015							1225	1100	1664	3989		3989
9/21/2015	10	32.6	9.4	48	19.45	105	1200	1063	1737	4000		4000
9/22/2015	10.4	35	8.9	45.7	18.99	107	922	1030	1824	3776		3776
9/23/2015	11.2	35.3	8.3	45.2	18.78	104	1013	961	1730	3704		3704
9/24/2015	10.3	33.2	9.1	47.4	21.22	109	890	1151	1607	3648		3648

Date							Flare Sta #2 FL-100	Flare Sta #3 FL-120	Flare Sta #1 FL-140	Main Flare Station Total Utility Flare Flow	Aux. Utility Flare Flow (scfm)	Total Flow
	CH4	CO2	O2	Bal.	Press./Vac.	Gas Inlet Temp (°F)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	scfm
9/25/2015	10.6	32	10.1	47.3	22.59	107	1356	999	1570	3925		3925
9/26/2015							1314	1025	1575	3914		3914
9/27/2015							1259	1084	1543	3886		3886
9/28/2015	10.1	32.6	9.4	47.9	20.24	71.7	1243	1091	1492	3827		3827
9/29/2015	9.9	30.3	9.4	50.4	22.89	115	1177	1022	1587	3786		3786
9/30/2015	10.4	32.7	9.4	47.5	23.41	101	1163	999	1643	3805		3805
10/1/2015	10	33.2	10.1	46.7	22.95	87	1187	1162	1382	3731		3731
10/2/2015	10.1	33.1	9.6	47.2	27.26	88	969	1121	1421	3512	208	3720
10/3/2015							1306	1132	1294	3732		3732
10/4/2015							1338	1338	1269	3945		3945
10/5/2015	9.9	33.1	9.9	47.1	23.72	100	1436	1193	1245	3874		3874
10/6/2015	9.8	31.9	9.9	48.4	24.27	105	1458	1079	1184	3721	572	4293
10/7/2015	10.7	35.4	8.7	45.2	20.91	103	1334	1067	1213	3614		3614
10/8/2015	11.4	33.9	8.5	46.2	18.5	97	323	1412	1684	3418		3418
10/9/2015	10.9	35.4	8.3	45.4	25.85	67.2	0	1694	1759	3453		3453
10/10/2015							0	1692	1775	3467		3467
10/11/2015							0	1672	1776	3448		3448
10/12/2015	11.6	37.5	7.8	43.1	25.3	99	0	1624	1764	3388		3388
10/13/2015	10.8	37	8.4	43.8	24.91	60.2	0	1551	1713	3264		3264
10/14/2015	11.6	38.7	7.8	41.9	22.47	89	0	1531	1711	3242		3242
10/15/2015	11.5	38.3	7.9	42.3	24.36	87	0	1561	1656	3217		3217
10/16/2015	10.5	37	8.7	43.8	22.34	49.6	0	1600	1610	3209		3209
10/17/2015							0	1626	1576	3202		3202
10/18/2015							0	1613	1606	3218		3218
10/19/2015	10.9	36.8	8.6	43.7	22.89	79	0	1585	1667	3251		3251
10/20/2015	13.1	40.1	6.6	40.2	27.2	107	78	742	2246	3065		3065
10/21/2015	12.5	36.3	8.7	42.5	27.78	99	0	1827	1927	3754		3754
10/22/2015	11.8	34.3	8.7	45.2	25.49	103	0	1949	1830	3779		3779
10/23/2015	12	33.1	8.5	46.4	29.7	103	0	1985	1728	3713		3713
10/24/2015							0	2047	1614	3660		3660
10/25/2015							0	2160	1479	3639		3639
10/26/2015	10.7	32.7	9.6	47	24.39	82	0	1983	1637	3620		3620
10/27/2015	10.7	35.9	8.8	44.6	23.38	58.5	0	2207	1214	3420		3420
10/28/2015	10.7	35.6	9.5	44.2	27.72	68	0	1744	1560	3304		3304
10/29/2015	10.7	36.7	9	43.6	24.66	59.1	0	1824	1617	3441		3441
10/30/2015	10.5	34.7	9	45.8	26.83	84	0	1875	1706	3581		3581
10/31/2015							0	1865	1649	3514		3514
11/1/2015							0	1,864	1,709	3,573		3573
11/2/2015	10.1	31.6	10	48.3	33.66	95	0	1,879	1,859	3,738		3738
11/3/2015	10.4	35.6	9.5	44.5	25.34	80	0	1,682	1,755	3,438	0	3438
11/4/2015	11.3	34.6	8.8	45.3	28.27	95	0	1,624	1,723	3,347		3347
11/5/2015	11.4	37.1	8.3	43.2	24.45	94.1	0	1,645	1,558	3,203		3203
11/6/2015	10.8	37.4	8.4	43.4	22.38	78	0	1,628	1,487	3,115		3115

Date							Flare Sta #2 FL-100	Flare Sta #3 FL-120	Flare Sta #1 FL-140	Main Flare Station Total Utility Flare Flow	Aux. Utility Flare Flow (scfm)	Total Flow
	CH4	CO2	O2	Bal.	Press./Vac.	Gas Inlet Temp (°F)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	scfm
11/7/2015							0	1,737	1,537	3,274		3274
11/8/2015							0	1,736	1,564	3,300		3300
11/9/2015	11.4	35.4	8.8	44.4	25.79	72	0	773	2,524	3,297		3297
11/10/2015	11.6	35.9	8.3	44.2	32.2	99	0	0	2,463	2,463	65	2528
11/11/2015	11.5	35.2	8.6	44.7	20.37	94	0	0	3,553	3,553	27	3580
11/12/2015	9.7	31.7	10.2	48.4	22.2	88	0	0	2,571	2,571	480	3051
11/13/2015	9.9	32.6	9.6	47.9	21.65	72	0	0	3,608	3,608		3608
11/14/2015							0	0	3,528	3,528		3528
11/15/2015							0	0	3,506	3,506		3506
11/16/2015	10.3	33.3	9.5	46.9	20.49	74	0	0	3,522	3,522		3522
11/17/2015	10.9	34.3	9.1	45.7	20.61	81	0	0	3,542	3,542		3542
11/18/2015	11.1	34.2	9.1	45.6	20.37	81	0	0	3,486	3,486	4	3489
11/19/2015	10	32.6	10.1	47.3	21.06	72	0	0	3,526	3,526		3526
11/20/2015	10	31.3	10.1	48.6	21.31	65	0	0	3,249	3,249	19	3268
11/21/2015							0	0	3,827	3,827		3827
11/22/2015							0	0	3,752	3,752		3752
11/23/2015	10.4	30.7	10.5	48.4	25.58	80	0	0	3,723	3,723	24	3747
11/24/2015	10.5	31.6	10.2	47.7	22.28	83	0	0	3,434	3,434		3434
11/25/2015	11.9	43.5	7.5	37.1	18.74	69	396	0	2,778	3,174		3174
11/26/2015							1,679	0	1,581	3,260		3260
11/27/2015	11.1	37.4	8.6	42.9	27.05	50.5	1,478	0	1,684	3,162		3162
11/28/2015							1,452	0	1,297	2,749	344	3092
11/29/2015							1,404	0	1,550	2,954		2954
11/30/2015	12.6	40.5	7.6	39.3	30	74	493	0	2,582	3,076	2	3078
12/1/2015	12.3	39.7	7.6	40.4	14.41	71	0	0	3,009	3,009	22	3,031
12/2/2015	12.7	40.1	7.1	40.1	12.68	56	829	0	2,025	2,853		2,853
12/3/2015	11.8	39.4	7.7	41.1	22.47	62	1,217	0	1,605	2,822		2,822
12/4/2015	12.1	39.8	7.7	40.4	24.1	64	1,331	0	1,646	2,977		2,977
12/5/2015							1,334	0	1,668	3,001		3,001
12/6/2015							1,317	0	1,646	2,963		2,963
12/7/2015	12	41.2	7.6	39.2	22.3	76	1,344	0	1,629	2,973		2,973
12/8/2015	13.1	40.3	7.1	39.5	20.98	83	555	0	2,262	2,817		2,817
12/9/2015	13.8	40.3	7.2	38.7	50	93	0	0	3,067	3,067		3,067
12/10/2015	12.5	39.6	7.8	40.1	54.2	98	0	0	3,302	3,302		3,302
12/11/2015	11.5	37.2	8.8	42.5	60.5	100	0	0	2,539	2,539		2,539
12/12/2015							0	0	1,852	1,852		1,852
12/13/2015							0	0	3,145	3,145		3,145
12/14/2015	12.6	40.5	7.4	39.5	20.3	75	0	0	2,776	2,776	277	3,053
12/15/2015	10.5	33.9	9.5	46.1	38.05	87	0	0	2,811	2,811	372	3,183
12/16/2015	12.8	40.9	7.5	38.8	26.4	100	0	0	2,998	2,998		2,998
12/17/2015	11.5	36.4	9	43.1	22.1	65	0	0	2,923	2,923		2,923
12/18/2015	11	33.9	9.3	45.8	19.05	58	0	0	2,875	2,875		2,875
12/19/2015							0	0	3,046	3,046		3,046

Date							Flare Sta #2 FL-100	Flare Sta #3 FL-120	Flare Sta #1 FL-140	Main Flare Station Total Utility Flare Flow	Aux. Utility Flare Flow (scfm)	Total Flow
	CH4	CO2	O2	Bal.	Press./Vac.	Gas Inlet Temp (°F)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	scfm
12/20/2015							0	0	2,949	2,949		2,949
12/21/2015	12	36.4	8.2	43.4	27.68	102	0	0	2,760	2,760	342	3,101
12/22/2015	11.8	38.5	8.7	41	19.2	77	0	0	2,980	2,980	29	3,008
12/23/2015	12.1	37.7	7.8	42.4	19.39	83	0	0	3,091	3,091		3,091
12/24/2015	11.1	36.1	9.4	43.4	19.02	60.8	0	0	3,052	3,052		3,052
12/25/2015							0	0	3,067	3,067		3,067
12/26/2015							0	0	1,764	1,764		1,764
12/27/2015							0	0	1,583	1,583		1,583
12/28/2015	13.5	39.3	7.7	39.5	16.48	66	0	0	1,821	1,821	224	2,044
12/29/2015	10.6	31.2	10.4	47.8	20.7	66	0	0	3,013	3,013		3,013
12/30/2015	10.5	36.2	9.5	43.8	17.46	32.1	0	0	2,900	2,900		2,900
12/31/2015	10.2	30.4	10.7	48.7	21.06	66	0	0	3,185	3,185		3,185
1/1/2016							0	0	3,193	3,193		3,193
1/2/2016							0	0	3,197	3,197		3,197
1/3/2016							0	0	3,116	3,116		3,116
1/4/2016	10.7	30.8	10.3	48.2	19.45	62	0	0	3,043	3,043		3,043
1/5/2016	12.5	34.5	8.1	44.9	16.4	57	0	0	2,957	2,957	23	2,980
1/6/2016	12.1	35.4	8.5	44	18.05	66	0	0	2,687	2,687	427	3,115
1/7/2016	12.2	37.1	8.4	42.3	18.19	70	0	0	2,929	2,929	242	3,170
1/8/2016	12.4	38.4	8.2	41	18.8	81	0	0	3,098	3,098		3,098
1/9/2016	12.4	32.5	8.9	46.2	18.05	60	0	0	3,040	3,040		3,040
1/10/2016	12.2	34.6	8.3	44.9	17.5	60	0	0	2,945	2,945		2,945
1/11/2016	12.2	33.5	8.4	45.9	17.26	20.9	0	0	2,983	2,983		2,983
1/12/2016	12.7	32.7	8.7	45.9	17.03	25.4	0	0	2,957	2,957		2,957
1/13/2016	12.7	35.1	8.9	43.3	17.09	52	0	0	2,968	2,968		2,968
1/14/2016	12.7	36.9	7.7	42.7	17.44	70	0	0	2,981	2,981		2,981
1/15/2016	12.6	40	7.3	40.1	17.87	80	0	0	2,973	2,973		2,973
1/16/2016							0	0	2,985	2,985		2,985
1/17/2016							0	0	3,006	3,006		3,006
1/18/2016	12.1	33.6	10	44.3	16.12	37	0	0	2,970	2,970		2,970
1/19/2016	10.9	34.6	10	44.5	35.59	58	0	0	2,930	2,930	28	2,958
1/20/2016	11.2	33.1	9.5	46.2	24.85	61	0	0	2,986	2,986		2,986
1/21/2016	11.5	30.2	10.2	48.1	21.89	53	0	0	2,977	2,977		2,977
1/22/2016	11.2	33.7	10	45.1	23.44	53	0	0	3,029	3,029		3,029
1/23/2016							0	0	3,065	3,065		3,065
1/24/2016							0	0	3,070	3,070		3,070
1/25/2016	12.6	36.4	8.6	42.4	26.31	68	0	0	2,952	2,952		2,952
1/26/2016	11.5	33.9	9	45.6	17.56	60	0	0	2,909	2,909		2,909
1/27/2016	12.5	32.1	9	46.4	17.56	65	0	0	2,934	2,934		2,934
1/28/2016	12.6	37	8.2	42.2	16.16	70	0	0	2,848	2,848		2,848
1/29/2016	12.6	34.3	8.9	44.2	15.57	63	0	0	2,836	2,836		2,836
1/30/2016							0	0	2,830	2,830		2,830
1/31/2016							0	0	2,805	2,805		2,805

Date							Flare Sta #2 FL-100	Flare Sta #3 FL-120	Flare Sta #1 FL-140	Main Flare Station Total Utility Flare Flow	Aux. Utility Flare Flow (scfm)	Total Flow
	CH4	CO2	O2	Bal.	Press./Vac.	Gas Inlet Temp (°F)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	scfm
2/1/2016	12.7	37.6	8	41.7	15.51	77	0	0	2,846	2,846		2,846
2/2/2016	12.6	38.1	7.9	41.4	20.51	72	0	0	2,899	2,899	11	2,910
2/3/2016	11.2	35.2	9.5	44.1	22.79	70	0	0	2,861	2,861		2,861
2/4/2016	11.4	36.1	8.6	43.9	29.18	56	0	0	2,795	2,795		2,795
2/5/2016	11.5	37.7	8.4	42.4	28.27	59	0	0	2,783	2,783		2,783
2/6/2016							0	0	2,977	2,977	4	2,981
2/7/2016							0	0	2,986	2,986		2,986
2/8/2016	11.2	35.4	9.8	43.6	17.52	55	0	0	3,047	3,047		3,047
2/9/2016	10.2	32.7	10.4	46.7	21.92	45	0	0	3,137	3,137		3,137
2/10/2016	9.3	33.4	11.1	46.2	36.63	50	0	0	2,812	2,812		2,812
2/11/2016	11.5	34.3	9.2	45	25.66	44	0	0	2,849	2,849		2,849
2/12/2016	10.8	33.3	9.9	46	18.68	54	0	0	2,934	2,934		2,934
2/13/2016							0	0	2,898	2,898		2,898
2/14/2016							0	0	2,904	2,904		2,904
2/15/2016	10.7	37	9.1	43.2	21.07	56	0	0	2,912	2,912		2,912
2/16/2016	11.8	36.5	9	42.7	18.06	88	0	0	2,850	2,850		2,850
2/17/2016	11.6	34	9.3	45.1	13.78	51	0	0	2,788	2,788		2,788
2/18/2016	12.2	31.6	9.4	46.8	22.5	61	0	0	2,987	2,987		2,987
2/19/2016	13.4	38.1	8.2	40.3	21.62	80	0	0	2,943	2,943		2,943
2/20/2016							0	0	2,951	2,951		2,951
2/21/2016							0	0	2,872	2,872		2,872
2/22/2016	12.3	36.8	8.2	42.7	16.28	64	0	0	2,793	2,793		2,793
2/23/2016	12.7	37.9	7.6	41.8	13.59	62	0	0	2,863	2,863		2,863
2/24/2016	13.1	40.5	6.8	39.6	24.43	75	0	0	2,925	2,925		2,925
2/25/2016	12.1	34.7	9.3	43.9	13.25	57	0	0	2,900	2,900		2,900
2/26/2016	11.4	32.8	9.5	46.3	17.64	59	0	0	2,929	2,929		2,929
2/27/2016							0	0	2,984	2,984		2,984
2/28/2016							0	0	2,960	2,960		2,960
2/29/2016	11.3	37.3	9.1	42.3	17.52	66	0	0	2,900	2,900		2,900
3/1/2016							0	0	2,852	2,852	24	2,876
3/2/2016	10.9	34.6	9.7	44.8	30.8	57	0	0	2,881	2,881		2,881
3/3/2016	11.7	35.6	9	43.7	31.33	68	0	0	2,863	2,863		2,863
3/4/2016	11.1	32.6	9.6	46.7	30.28	64	0	0	2,818	2,818		2,818
3/5/2016							0	0	2,826	2,826		2,826
3/6/2016							0	0	2,836	2,836		2,836
3/7/2016							0	0	2,902	2,902		2,902
3/8/2016							0	0	2,912	2,912		2,912
3/9/2016	12.2	37.1	8.4	42.3	32.37	91	0	0	2,999	2,999		2,999
3/10/2016	11.3	35.1	8.9	44.7	33.68	78	0	0	2,954	2,954		2,954
3/11/2016	11.4	34.2	9	45.4	39.68	109	0	0	2,987	2,987		2,987
3/12/2016							0	0	2,962	2,962		2,962
3/13/2016							0	0	2,932	2,932		2,932
3/14/2016	11.9	36.3	8.4	43.4	34.66	90	0	0	2,961	2,961	102	3,063

Date							Flare Sta #2 FL-100	Flare Sta #3 FL-120	Flare Sta #1 FL-140	Main Flare Station Total Utility Flare Flow	Aux. Utility Flare Flow (scfm)	Total Flow
	CH4	CO2	O2	Bal.	Press./Vac.	Gas Inlet Temp (°F)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	scfm
3/15/2016	11.7	35.8	8.2	44.3	36.62	89	0	427	2,602	3,028		3,028
3/16/2016	11.2	35.6	8.8	44.4	23.03	75	0	1,646	1,281	2,927		2,927
3/17/2016	12.7	36.6	7.5	43.2	15.92	104	0	1,587	1,325	2,912		2,912
3/18/2016	11.6	36.1	9.4	42.9	14.9	70	0	1,621	1,125	2,746	160	2,906
3/19/2016							0	1,654	996	2,650	252	2,902
3/20/2016							0	1,525	1,095	2,621	251	2,871
3/21/2016	7.3	31.6	11.1	50	15.55	58	0	1,648	1,031	2,679	223	2,902
3/22/2016	7.9	32.8	10.7	48.6	19.05	52.2	0	1,161	1,354	2,515	237	2,751
3/23/2016	8.7	39.5	8.2	43.6	18.93	73	0	1,227	1,198	2,425	283	2,709
3/24/2016	8.7	43.4	7.9	40	16.91	62.8	0	1,307	1,125	2,432	275	2,707
3/25/2016	8.2	39.7	9	43.1	17.93	56	0	1,233	1,236	2,469	281	2,750
3/26/2016							0	1,219	1,231	2,450	285	2,735
3/27/2016							0	1,212	1,221	2,433	284	2,717
3/28/2016	8.3	38.6	9.1	44	16.91	53	0	940	1,568	2,508	269	2,777
3/29/2016	8.2	38.7	9	44.1	24.02	64	0	1,255	1,370	2,625	243	2,868
3/30/2016	9.3	39.8	8.3	42.6	21.27	72	0	1,398	1,186	2,584	271	2,855
3/31/2016	9.3	39.1	8.7	42.9	20.97	76	0	1,446	1,195	2,641	171	2,811
4/1/2016	7.7	36.6	10.5	45.2	29.77	79	0	509	2187	2696	230	2826
4/2/2016							0	0	2646	2646	325	2971
4/3/2016							0	0	2677	2677	328	3005
4/4/2016	7.4	33.6	10.3	48	27.25	84	0	0	2739	2739	321	3061
4/5/2016	8.5	32.4	10.1	49	26.7	60	0	0	2712	2712	325	3037
4/6/2016	8.8	36.2	8.5	46.5	24.49	75	0	722	1922	2644	298	2942
4/7/2016	8	33.1	9.2	49.7	17.02	64	0	1260	1375	2635	262	2897
4/8/2016	8	35.8	9.4	46.8	18.68	62	0	1286	1320	2606	253	2859
4/9/2016							0	1252	1355	2607	241	2849
4/10/2016							0	1229	1337	2567	225	2791
4/11/2016	8.7	35.7	8.6	47	17.45	71	0	1205	1307	2512	198	2710
4/12/2016	8.5	38.8	9	43.7	16.24	57	0	1176	1355	2532	193	2725
4/13/2016	9.5	37	9	44.5	18.37	62	0	1141	1362	2503	222	2725
4/14/2016	8.4	40.2	8.5	42.9	16.7	66	0	961	1384	2345	262	2607
4/15/2016	9.4	43.2	7	40.4	18.05	75	0	999	1241	2240	268	2508
4/16/2016							0	1083	1155	2238	269	2507
4/17/2016							0	1130	1148	2277	270	2547
4/18/2016	9.5	42.7	6.9	40.9	18.01	81	0	1160	1137	2297	273	2570
4/19/2016	9.3	42.3	6.7	41.7	18.74	87	0	1183	1125	2308	279	2587
4/20/2016	9.4	40.6	7	43	17.77	78	0	1166	1090	2256	271	2527
4/21/2016	9.5	42	6.5	42	17.7	91	0	1128	1110	2238	270	2507
4/22/2016	9.5	42	6.7	41.8	18.07	77	0	1135	1095	2230	248	2477
4/23/2016							0	1144	1114	2258	235	2493
4/24/2016							0	1123	1152	2275	235	2510
4/25/2016	9.6	42.6	6.2	41.6	17.83	88	0	1128	1162	2290	234	2524
4/26/2016	9.7	42.9	6.2	41.2	18.74	98	0	532	1734	2266	227	2493

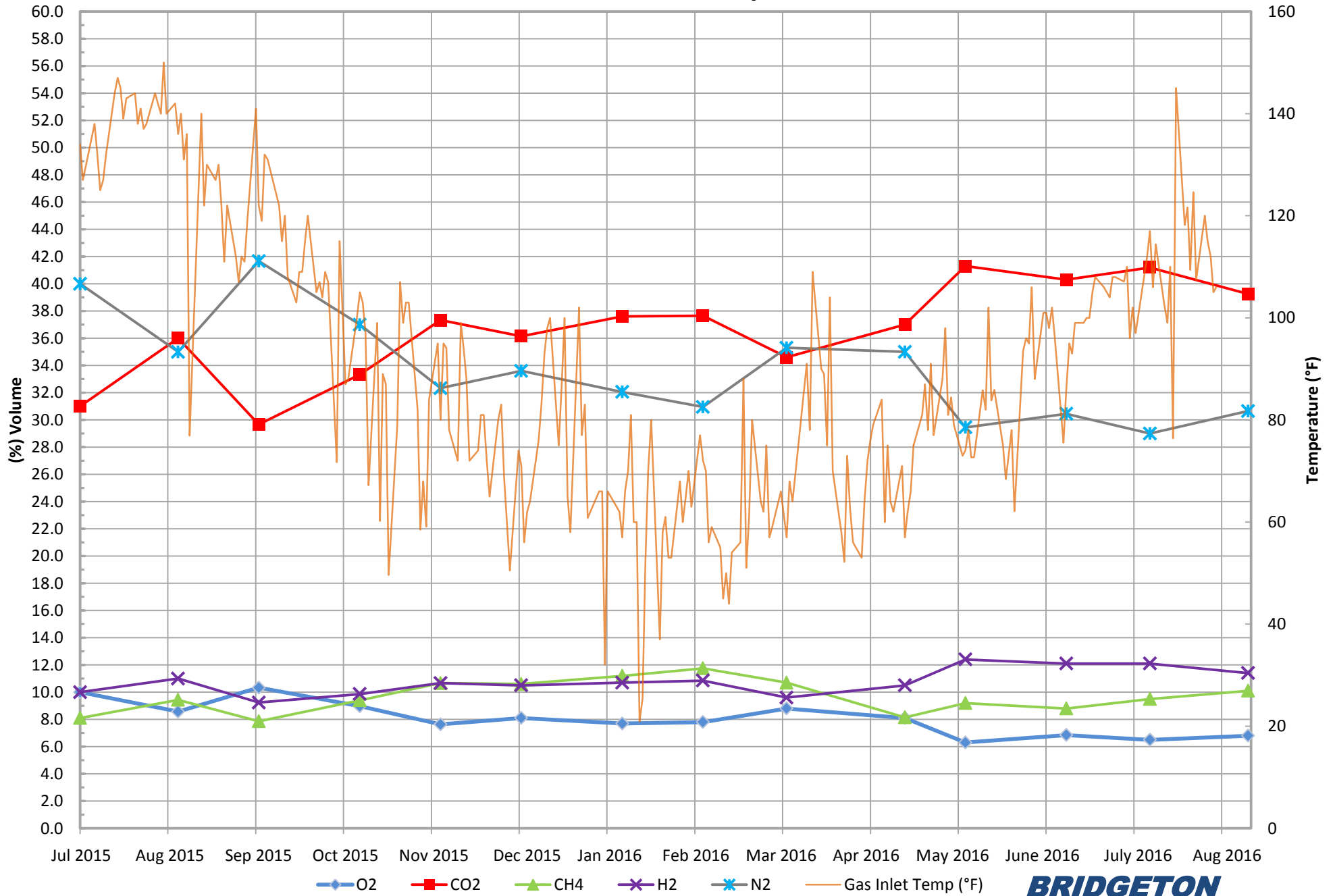


Date							Flare Sta #2 FL-100	Flare Sta #3 FL-120	Flare Sta #1 FL-140	Main Flare Station Total Utility Flare Flow	Aux. Utility Flare Flow (scfm)	Total Flow
	CH4	CO2	O2	Bal.	Press./Vac.	Gas Inlet Temp (°F)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	scfm
4/27/2016	9.4	42.7	6.4	41.5	19.17	81	0	0	2312	2312	235	2547
4/28/2016	9.9	40.1	6.9	43.1	21.8	84.4	0	0	2445	2445	266	2711
4/29/2016	9.6	41.8	6.8	41.8	20.94	79	0	0	2484	2484	273	2757
4/30/2016							0	0	2409	2409	262	2670
5/1/2016							0	0	2424	2424	253	2676
5/2/2016	10	37.6	7.6	44.8	22.54	73	0	0	2322	2322	249	2571
5/3/2016	9.7	43.4	6.8	40.1	19.96	74	0	0	2273	2273	246	2519
5/4/2016	10.4	43.4	6	40.2	19.47	78	0	0	2280	2280	241	2520
5/5/2016	10	42.5	6.4	41.4	20.27	72.7	0	0	2345	2345	243	2588
5/6/2016	9.9	41	6.7	42.4	20.45	72.7	0	0	2367	2367	246	2613
5/7/2016							0	0	2345	2345	244	2589
5/8/2016							0	0	2342	2342	245	2586
5/9/2016	10.2	42.2	6.2	41.4	19.11	85.8	0	0	2347	2347	243	2591
5/10/2016	9.7	41.7	6.8	41.8	21	82	0	0	2505	2505	244	2748
5/11/2016	9	38.5	8.2	44.3	21.79	102	0	0	2513	2513	247	2761
5/12/2016	9.3	41.9	7.2	41.6	16.19	83.8	0	0	2364	2364	242	2606
5/13/2016	9.2	40.2	7.6	43	17.93	85.9	0	0	2492	2492	243	2736
5/14/2016							0	0	2565	2565	249	2814
5/15/2016							0	0	2597	2597	252	2849
5/16/2016	7.6	36.9	9.5	46	17.97	75	0	0	2604	2604	252	2856
5/17/2016	7.7	36.8	9.6	45.9	19.58	68.4	0	0	2561	2561	247	2808
5/18/2016	7.9	39.3	9.4	43.4	15.56	73	0	0	2486	2486	244	2730
5/19/2016	8.5	39.9	8.4	43.2	16.15	78	0	0	2462	2462	240	2702
5/20/2016	8.8	40.4	8.1	42.7	23.17	62.1	0	0	2427	2427	233	2660
5/21/2016							0	0	2420	2420	279	2698
5/22/2016							0	0	2458	2458	283	2740
5/23/2016	9.4	41.7	7.3	71.6	22.66	93.5	0	0	2474	2474	290	2764
5/24/2016	9.6	41.8	6.8	41.8	23.17	96	0	0	2493	2493	173	2666
5/25/2016	11.2	41	6.6	41.2	22.71	95	0	0	2523	2523	208	2731
5/26/2016	10.3	43.5	5.6	40.6	41.99	106	0	0	2610	2610	473	3083
5/27/2016	9.4	37.9	8.2	44.5	24.98	88	0	0	2430	2430	413	2842
5/28/2016							0	0	2456	2456	415	2871
5/29/2016							0	0	2511	2511	417	2928
5/30/2016	9.6	37.7	7.7	45	24.86	101	0	0	2525	2525	395	2919
5/31/2016	9.8	38.5	7.6	44.1	24.62	101	0	0	2568	2568	410	2978
6/1/2016	9.6	38.8	7.4	44.2	24.37	98	0	0	2506	2506	330	2836
6/2/2016	8.9	37.6	7.6	45.9	22.17	102	0	0	2365	2365	292	2657
6/3/2016	9.7	39.6	7.1	43.6	20.82	96	0	0	2257	2257	289	2546
6/4/2016							0	0	2237	2237	292	2529
6/5/2016							0	0	2236	2236	292	2528
6/6/2016	9.6	43.3	6.5	40.6	21.99	75.5	0	0	2279	2279	294	2573
6/7/2016	9.6	42.3	7.2	40.9	21.61	86	0	0	2296	2296	293	2589
6/8/2016	9.6	43.2	6.6	40.6	19.96	95	0	0	2279	2279	309	2588

Date							Flare Sta #2 FL-100	Flare Sta #3 FL-120	Flare Sta #1 FL-140	Main Flare Station Total Utility Flare Flow	Aux. Utility Flare Flow (scfm)	Total Flow
	CH4	CO2	O2	Bal.	Press./Vac.	Gas Inlet Temp (°F)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	scfm
6/9/2016	9.5	43.4	6.8	40.3	23.38	93	0	0	2305	2305	314	2619
6/10/2016	9.4	42.8	6.7	41.1	21.61	99	0	0	2260	2260	315	2574
6/11/2016							0	0	2209	2209	319	2528
6/12/2016							0	0	2202	2202	317	2519
6/13/2016	10.9	46.2	4.8	38.1	19.45	99	0	0	2158	2158	319	2477
6/14/2016	10.8	45.3	5.1	38.8	19.32	100	0	0	2198	2198	324	2521
6/15/2016	10.5	45.2	5.4	38.9	22.37	100	0	0	2229	2229	323	2552
6/16/2016	10.9	46.1	5.1	37.9	20.33	105	0	0	2380	2380	322	2701
6/17/2016	10.2	44.3	6.2	39.3	24.85	108	0	0	2326	2326	315	2640
6/18/2016							0	0	2351	2351	315	2667
6/19/2016							0	0	2346	2346	320	2666
6/20/2016	10.4	41.7	5.8	42.1	24.85	106	0	0	2357	2357	311	2668
6/21/2016	10.4	42.1	6.1	41.4	23.09	105	0	0	2306	2306	300	2606
6/22/2016	11.6	42.6	6.2	39.6	25.4	104	0	0	2354	2354	288	2641
6/23/2016	10.9	43.3	6	39.8	25.21	108	0	0	2359	2359	279	2638
6/24/2016	11.4	43.7	5.7	39.2	23.02	108	0	0	2337	2337	279	2616
6/25/2016							0	0	2270	2270	276	2546
6/26/2016							0	0	2216	2216	276	2492
6/27/2016	11	44.9	5.4	38.7	23.68	107.1	0	0	2237	2237	287	2524
6/28/2016	11.7	46.6	4.9	36.8	19.66	110	0	0	2188	2188	290	2477
6/29/2016	10.8	41.8	6.4	41	21.31	96	0	0	2275	2275	288	2563
6/30/2016	9.9	39.1	7.4	43.6	24.37	102	0	1215	1050	2265	287	2552
7/1/2016	10.5	40.8	6.3	42.4	26.13	97	0	2273	0	2273	289	2562
7/2/2016							0	2195	0	2195	282	2476
7/3/2016							0	2189	0	2189	283	2471
7/4/2016							0	2249	0	2249	285	2534
7/5/2016	10.8	42.4	6.9	39.9	28.21	112	0	2336	0	2336	294	2630
7/6/2016	10.7	43.2	6.1	40	26.31	117	0	2211	0	2211	287	2498
7/7/2016	10.1	42.4	6.4	41.1	30.66	106	0	2211	0	2211	287	2498
7/8/2016	10.4	43.7	6.1	39.8	56.45	114.4	0	2284	0	2284	288	2572
7/9/2016							0	2293	0	2293	286	2580
7/10/2016							0	2279	0	2279	285	2564
7/11/2016	10.6	43.8	6.2	39.4	17.12	102.5	0	2290	0	2290	290	2579
7/12/2016	12.1	41.8	6.6	39.5	12.09	99	0	2383	0	2383	287	2670
7/13/2016	9.4	34.6	8.2	47.8	25.34	110	0	2434	0	2434	256	2690
7/14/2016	9.7	39.4	7.4	43.5	21.25	76.4	0	2450	0	2450	244	2695
7/15/2016	9.6	36.8	8.1	45.5	48.81	145	0	2486	0	2486	292	2778
7/16/2016							0	2439	0	2439	291	2731
7/17/2016							0	2405	0	2405	293	2698
7/18/2016	8.9	39.3	8.1	43.7	39.53	118.2	0	2465	0	2465	292	2756
7/19/2016	9	38.4	8.3	44.3	35.64	121.6	0	2493	0	2493	295	2788
7/20/2016	9.5	39.3	7.6	43.6	50.49	109.4	0	2414	0	2414	329	2743
7/21/2016	10.1	41	6.6	42.3	51.33	124.6	0	2444	0	2444	294	2738

Date							Flare Sta #2 FL-100	Flare Sta #3 FL-120	Flare Sta #1 FL-140	Main Flare Station Total Utility Flare Flow	Aux. Utility Flare Flow (scfm)	Total Flow
	CH4	CO2	O2	Bal.	Press./Vac.	Gas Inlet Temp (°F)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	scfm
7/22/2016	10.3	40.7	7.1	41.9	30.11	107.4	0	2338	0	2338	289	<b>2626</b>
7/23/2016							0	2304	0	2304	286	<b>2590</b>
7/24/2016							0	2275	0	2275	284	<b>2559</b>
7/25/2016	11.9	44.8	5.2	38.1	30.99	120	0	1800	437	2236	401	<b>2637</b>
7/26/2016	9.4	38.3	8.3	44	41.78	115	0	2425	0	2425	249	<b>2674</b>
7/27/2016	10.3	41.2	7.2	41.3	33.45	112	0	2351	0	2351	254	<b>2605</b>
7/28/2016	10.3	41.7	6.9	41.1	20	105	0	2388	0	2388	248	<b>2636</b>
7/29/2016	9.8	39.6	7.6	43	14.88	106	0	2312	0	2312	244	<b>2556</b>
7/30/2016							0	2210	0	2210	239	<b>2449</b>
7/31/2016							0	2245	0	2245	242	<b>2487</b>

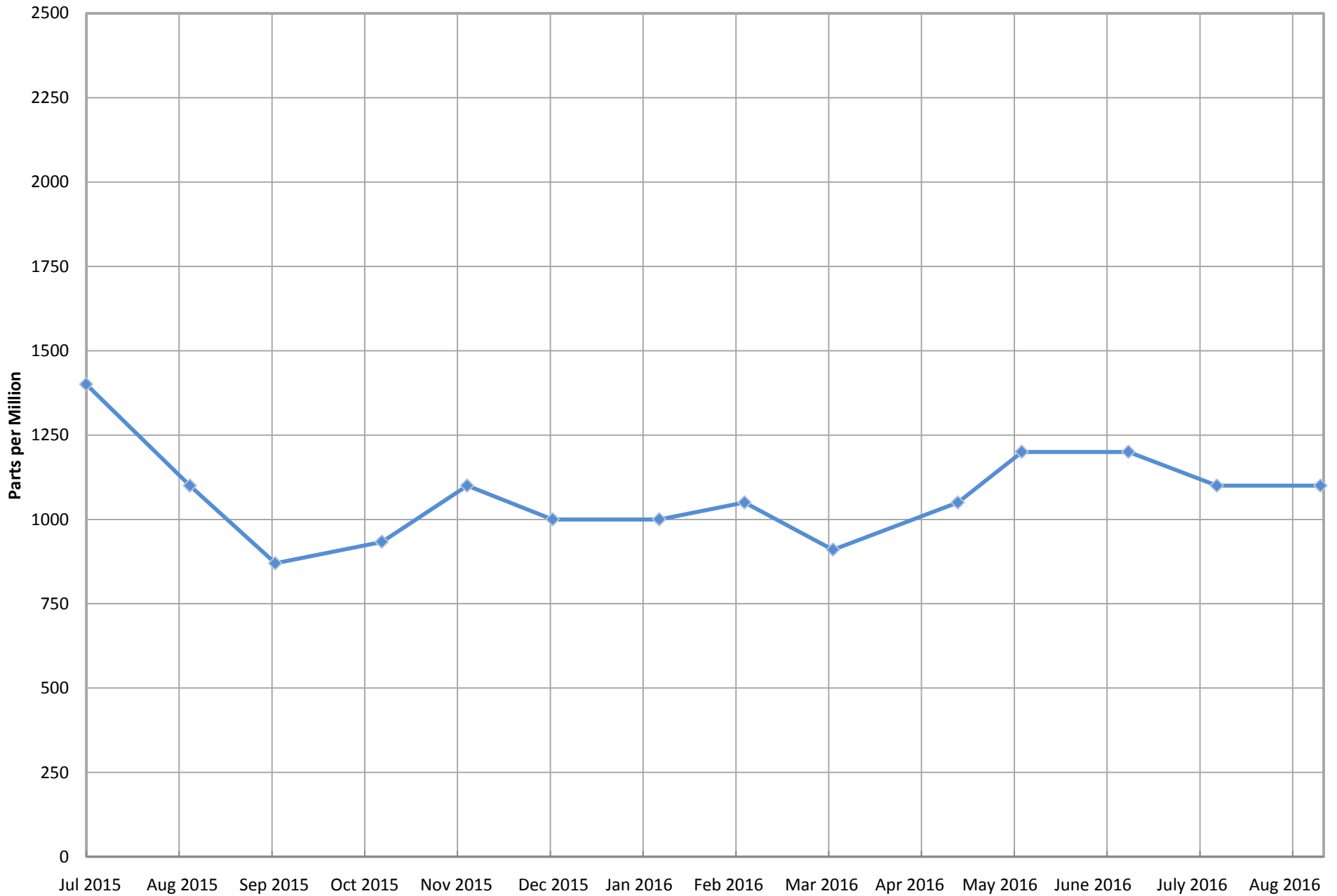
# Inlet Gas and Temperature\*



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

# Inlet Carbon Monoxide\*

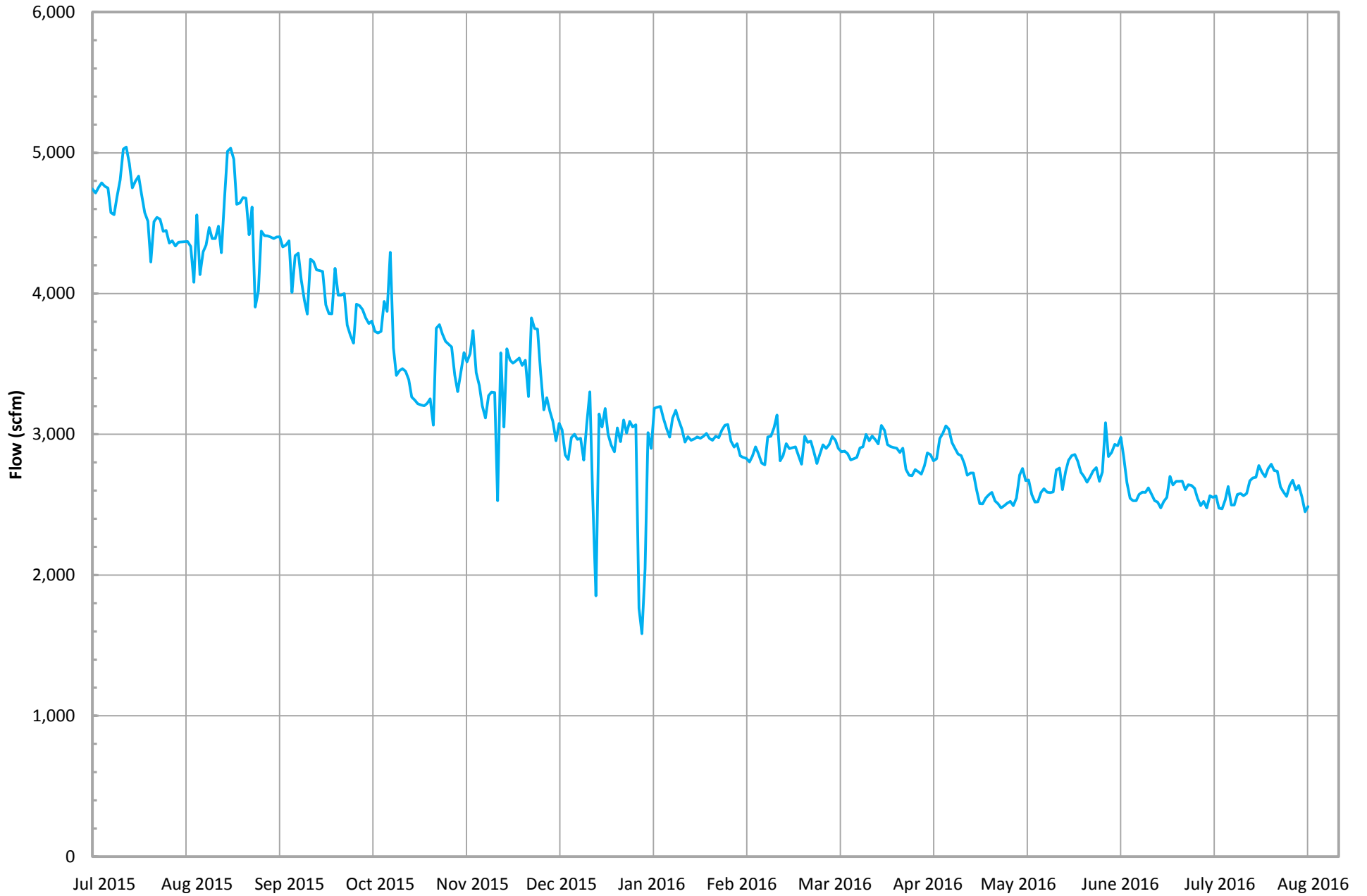


—◆— Inlet Carbon Monoxide\*

\*Data collected from Laboratory Reports.

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# Total Combined Flow (scfm)\*

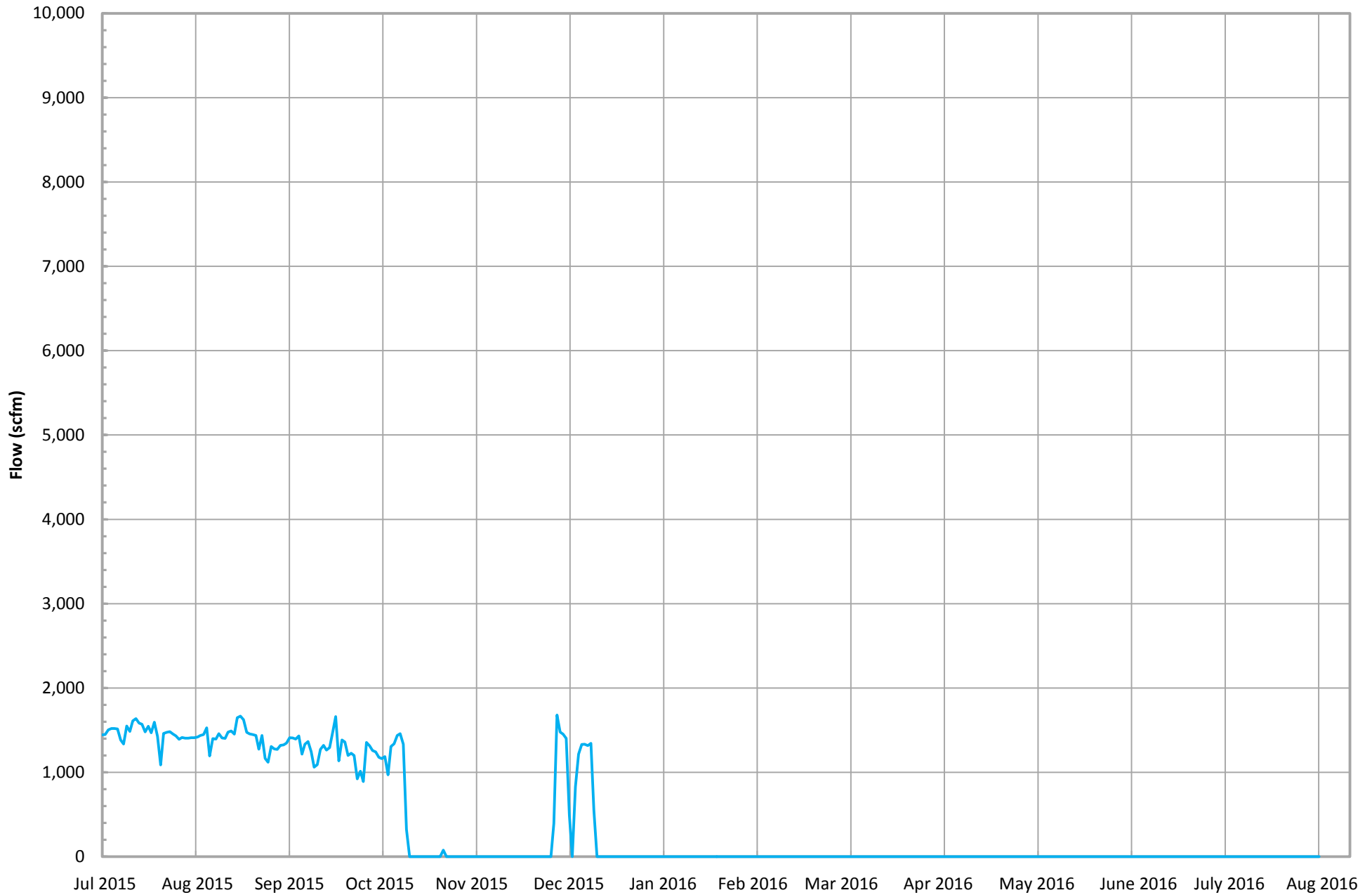


\*Combined flow is based on tabulated flow data collected daily from each device.

— Total Combined Flow (scfm)\*

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# Candlestick Flare (FL-100) Flow (scfm)\*

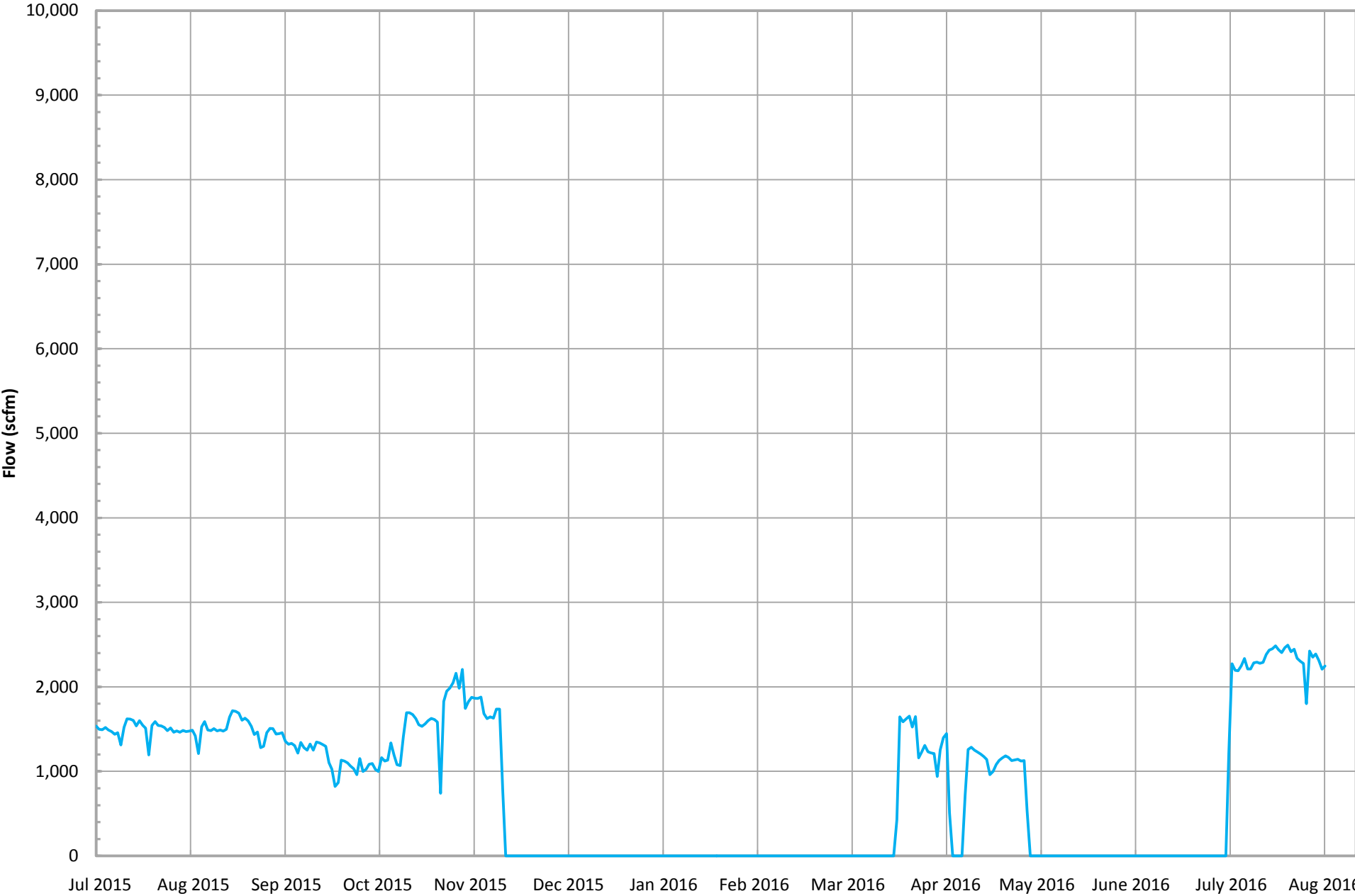


\*Flow is based on tabulated flow data collected daily.

— Candlestick Flare (FL-100) Flow (scfm)\*

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# Candlestick Flare (FL-120) Flow (scfm)\*



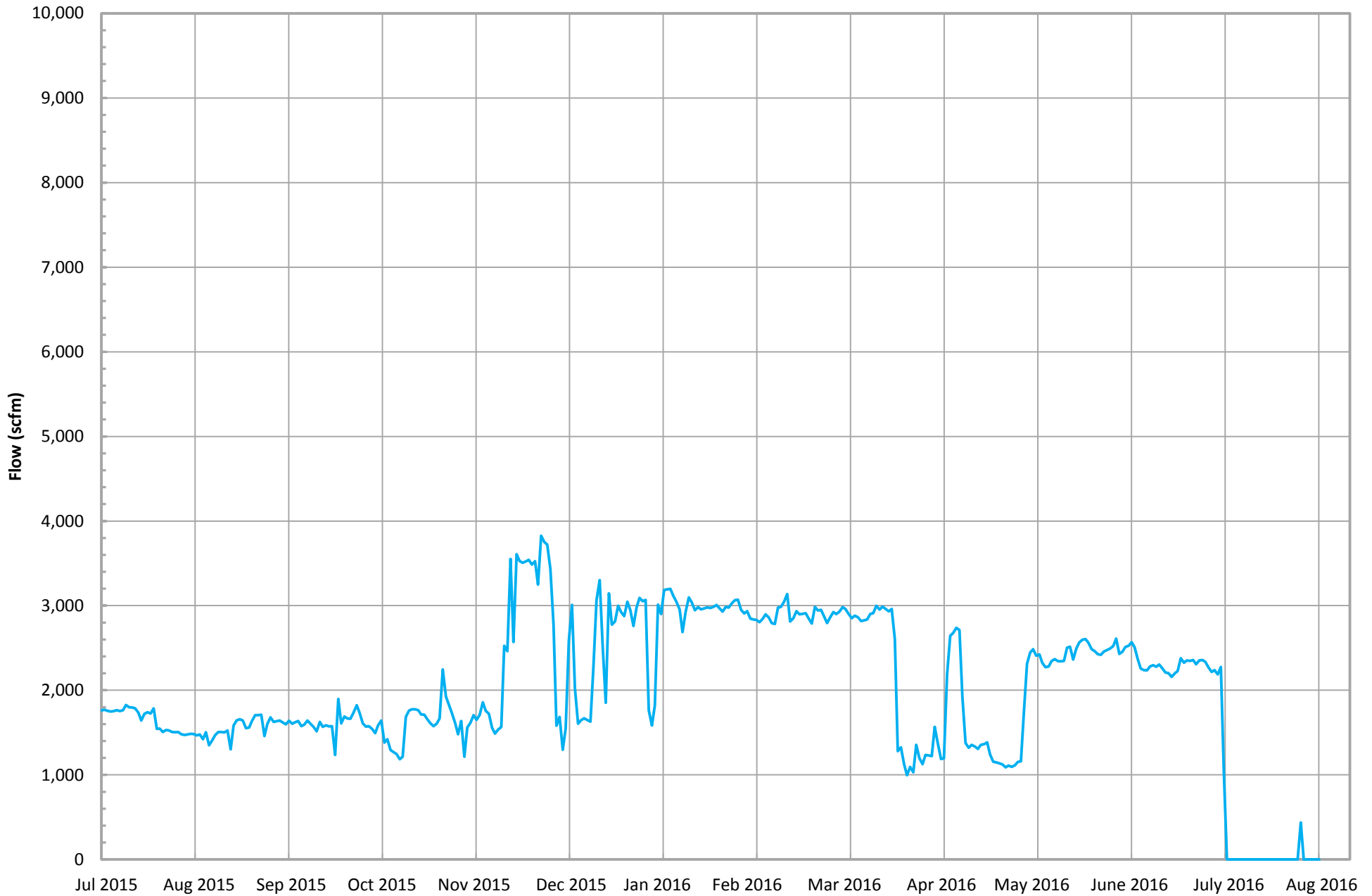
\*Flow is based on tabulated flow data collected daily.

— Candlestick Flare (FL-120) Flow (scfm)\*

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# Candlestick Flare (FL-140) Flow (scfm)\*

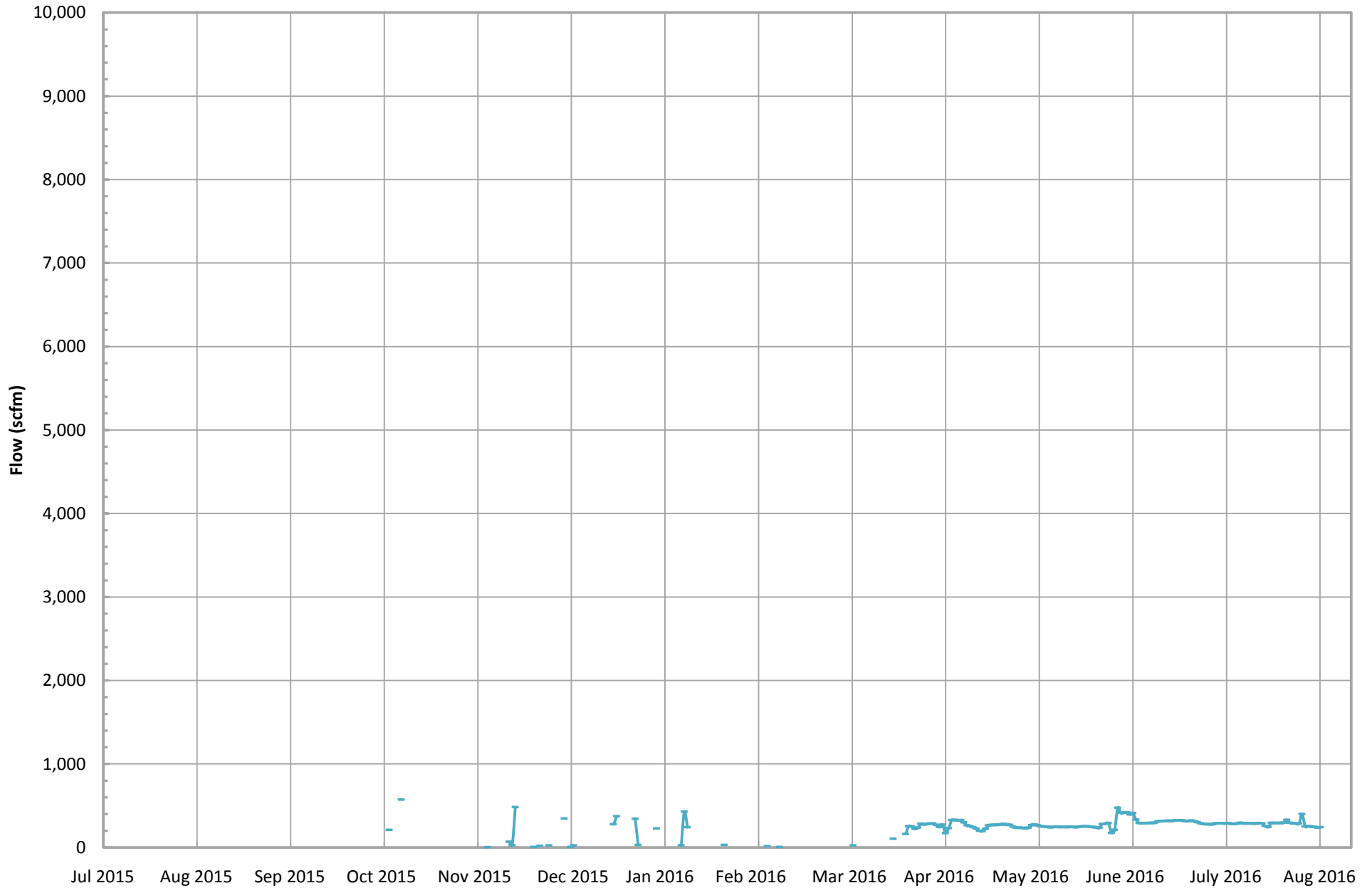


\*Flow is based on tabulated flow data collected daily.

— Candlestick Flare (FL-140) Flow (scfm)\*

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# Auxillary Candlestick Flare Flow (scfm)\*

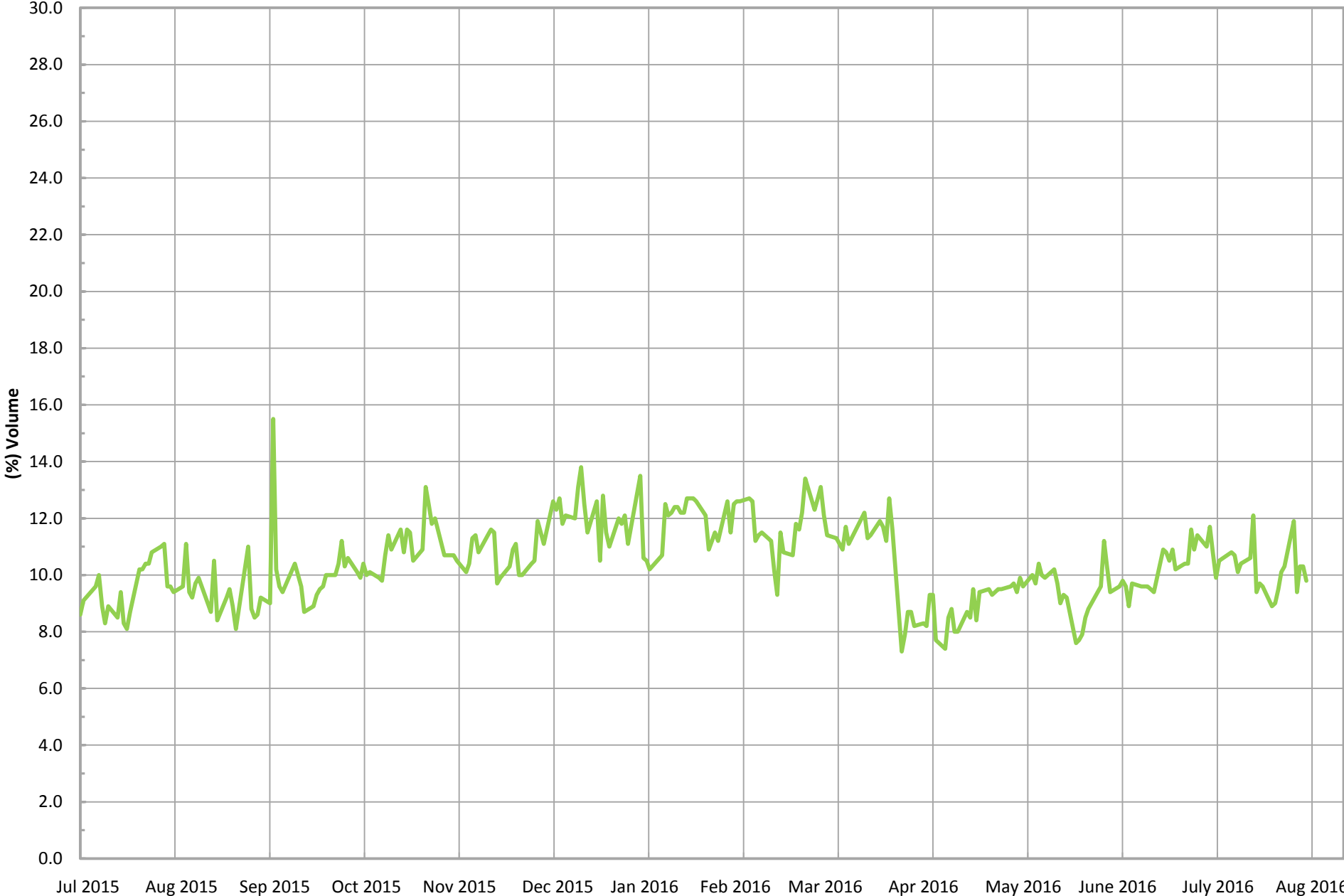


\*Flow is based on tabulated flow data collected daily.

— Auxillary Candlestick Flare Flow (scfm)\*

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# Combined Inlet Methane (Field Data)\*

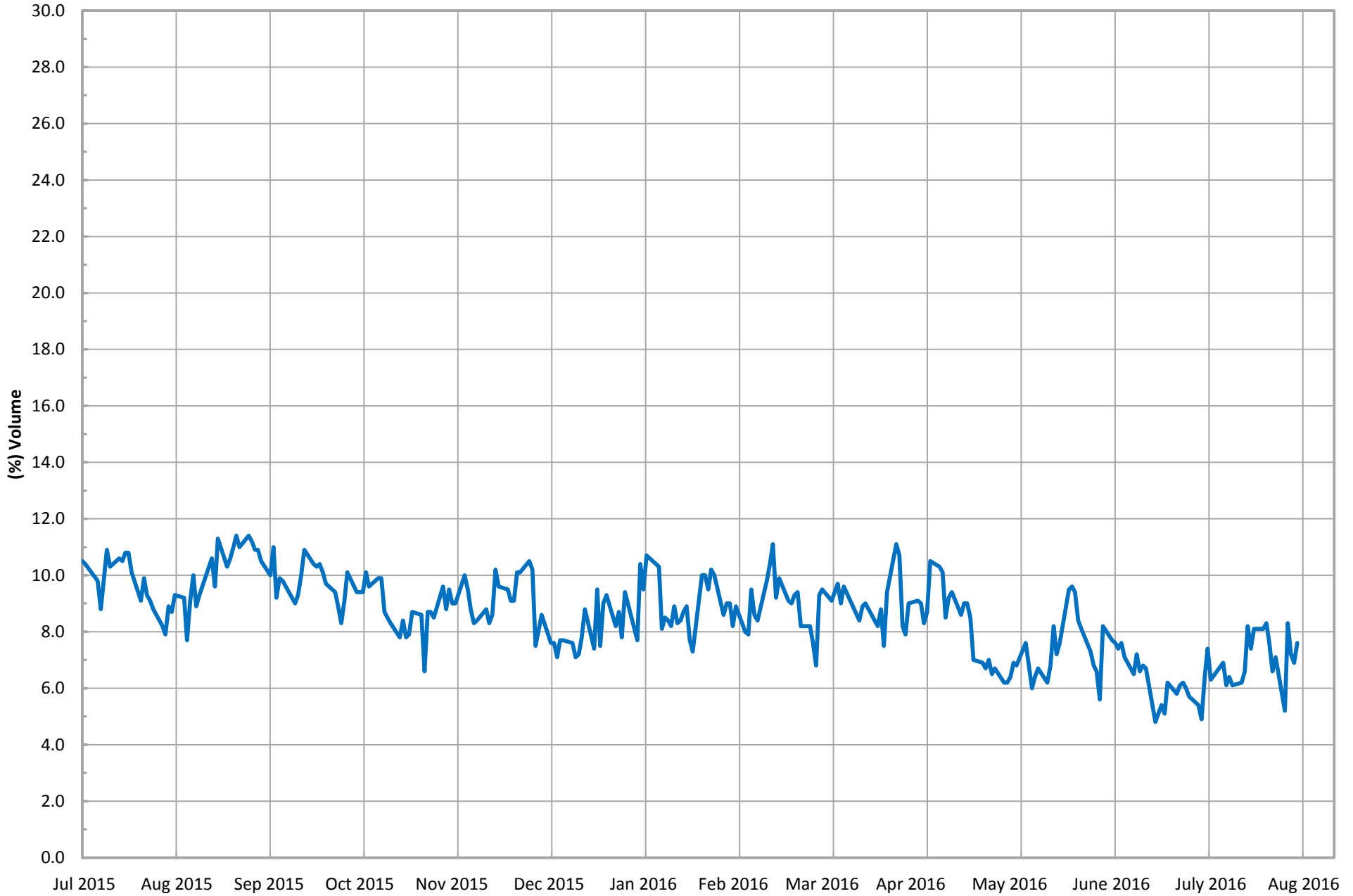


\*Gas data collected from field monitoring data.

— Combined Inlet Methane (Field Data)\*



# Combined Inlet Oxygen (Field Data)\*



\*Gas data collected from field monitoring data.

— Combined Inlet Oxygen (Field Data)\*

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