

Daily Flare Monitoring Data And Inlet Lab Data

Date	Enclosed Flare										Candlestick Flare										Total Flow scfm	Inlet Lab Data							
	CH4	CO2	O2	Bal.	Press./Vac.	Temp (°F)	Flow (scfm)	Flow Set Point	Enclosed Flare Temp	Callidus Flare Temp	Callidus Flow (scfm)	Total Flow (scfm)	CH4	CO2	O2	Bal.	Press./Vac.	Temp (°F)	Flow (scfm)	Flare Temp		Date	H2	CO (%)	CO (ppm)	CO2	O2	N2	CH4
8/7/2012	16.9	52.7	3.6	26.8	-34.5	139	3822						16.9	51.9	3.7	27.5	-46	137	1867	1256	5689	8/29/2012	9.6	0.18	1,800	46	5	24	14
8/8/2012	17.4	52.4	3.7	26.5	-34.7	138	3916						17.2	52.3	3.7	26.8	-45.8	136	1886	1258	5802	9/25/2012	10	0.19	1,900	47	5.3	24	13
8/9/2012	14.8	48.8	4.7	30.7	-34.6	136	3718						14.7	50.9	4.6	29.8	-47.3	132	1885	1229	5603	11/1/2012	10	0.2	2,000	46	5.7	26	10
8/10/2012	15.2	52	3.8	27.4	-34.7	130	3782						15.3	50.3	4.1	30.3	-47.2	130	1887	1234	5679	12/4/2012	10	0.21	2,100	46	5.7	26	11
8/11/2012	17.2	53.9	3	25.9	-34.5	132	3597						17.2	52.4	3.2	27.2	-47.4	130	1886	1234	5483	1/22/2013	11	0.2	2,000	47	5.7	25	12
8/12/2012	16.7	61.1	1.3	20.9	-36.5	130	3000						16.6	61.1	1.3	21	-55	140	1770	1180	4770	2/12/2013	11	0.19	1,900	51	4.9	21	11
8/13/2012	16.7	56.2	2.4	24.7	-36.5	132	3670						16.3	58	2.3	23.4	-56.1	132	1790	1207	5460	3/5/2013	13	0.21	2,100	55	3.9	17	12
8/14/2012	17.1	55.7	2.3	24.9	-36.6	135	3850						17	56.4	2.3	24.3	-56	132	1800	1237	5650	4/25/2013	8.1	0.12	1,200	32	11	40	8
8/15/2012	19.8	60.4	0.6	19.2	-36.5	146	3452						19.6	59.5	0.8	20.1	-55.3	142	1771	1249	5223	5/15/2013	13	0.19	1,900	49	5	20	11
8/16/2012	17.8	57.4	1.6	23.2	-36.7	138	4094						17.6	57.9	1.6	22.9	-56	132	1766	1278	5860								
8/17/2012	16.2	55.7	2	26.1	-36.7	134	3964						16.3	56.4	2	25.3	-55.9	132	1738	1148	5702								
8/18/2012	17.1	55.4	2.2	25.3	-33.6	134	3896						16.9	56.5	2.2	24.4	-54.1	135	1791	1157	5687								
8/19/2012	19.2	57.1	1.3	22.4	-36.5	135	3680						19.6	57.8	1.2	21.4	-55.7	132	1753	1188	5433								
8/20/2012	19.1	56.1	1.8	23	-36.5	135	3750						18.8	57.2	1.7	22.3	-55.6	134	1731	1262	5481								
8/21/2012	16.5	53.5	2.8	27.2	-35.7	132	3819						16.8	54.4	2.6	26.2	-55.5	133	1773	1203	5592								
8/22/2012	17.5	56.8	1.7	24	-33.5	132	3647						17.6	57.1	1.7	23.6	-54.8	130	1835	1228	5482								
8/23/2012	17.7	56.4	1.6	24.3	-35.7	132	3854						17.5	56.5	1.6	24.4	-57.6	130	1869	1215	5723								
8/24/2012	16.5	56.6	2.4	24.5	-35.5	135	4022						16.3	56.8	2.5	24.4	-61.1	136	1976	1294	5998								
8/25/2012	17	56	2.3	24.7	-35.6	135	3955						17.3	54.8	2.5	25.4	-61	135	1967	1313	5922								
8/26/2012	17.8	55.7	2.5	24	-35.6	137	3925						17.7	55.9	2.6	23.8	-61.3	132	2009	1310	5934								
8/27/2012	15.9	54.4	2.6	27.1	-35.5	135	3911						15.9	54.3	2.5	27.3	-61.1	130	1960	1265	5871								
8/28/2012	15.9	56.5	2.6	25	-35.6	136	3997						15.5	57.4	2.6	24.5	-60.6	130	1993	1347	5990								
8/29/2012	16.1	56	2.9	25	-37.8	134	3901						15.9	56.6	3	24.5	-68.9	130	2208	1300	6109								
8/30/2012	15	53.6	3.5	27.9	-38.7	133	3902						14.4	54.5	3.7	27.4	-70.1	128	2189	1332	6094								
9/1/2012	14.2	54	3.8	28	-38.7	132	4074						14.2	53.8	3.9	27.1	-71.1	128	2169	1344	6243								
9/2/2012	15.5	53.4	3.6	27.5	-38.9	128	4051						15.2	54.1	3.6	27.2	-71	124	2209	1145	6260								
9/3/2012	16	53.5	3.7	26.8	-38.9	128	3984						15.8	54.1	3.7	26.4	-71.6	120	2159	1345	6143								
9/4/2012	14.8	56.4	3.2	25.6	-38.6	132	4150						14.4	57.1	3.2	25.3	-70.2	130	2144	1302	6294								
9/5/2012	15.1	55.8	3.4	25.7	-38.9	130	4092						14.9	57	3.2	24.9	-70.4	126	2156	1381	6248								
9/6/2012	15.4	54.9	3.4	26.3	-38.7	130	3975						15.3	56	3.3	25.4	-71	124	2174	1309	6149								
9/7/2012	14.3	54.3	3.6	27.8	-39.1	132	4178						14.1	55.2	3.6	27.1	-70.4	127	2144	1395	6322								
9/8/2012	16.6	58.6	1.8	23	-38.1	136	4357						16.8	58.9	1.8	22.5	-69.1	134	2170	1320	6527								
9/9/2012	14.4	52.8	4.1	28.7	-38	126	3951						14.2	54	4	27.8	-70.7	122	2192	1323	6143								
9/10/2012	14.2	53.3	3.8	28.7	-38.9	130	4135						14	54.1	3.8	28.1	-70.7	126	2178	1333	6313								
9/11/2012	14.3	53.6	3.9	28.2	-38.8	130	4142						14.3	53.6	3.9	28.2	-70.9	125	2154	1333	6296								
9/12/2012	14.4	52.9	3.9	28.8	-38.9	126	3999						14.1	54	3.8	28.1	-71.1	121	2203	1316	6202								
9/13/2012	14.3	53.9	3.8	28	-39	126	4156						14.1	53.7	3.8	28.1	-71	122	2175	1360	6331								
9/14/2012	14.7	54.1	3.5	27.7	-38.9	126	3639						14.6	54.8	3.4	27.2	-69.5	120	2199	1324	5838								
9/15/2012	13.6	51.5	4.4	30.5	-39.1	120	3653						13.6	51.9	4.4	30.1	-68.7	116	2194	1330	5847								
9/16/2012	17.3	56.9	2	23.8	-35.7	112	4650						15.8	59.4	1.9	22.9	-64.4	108	2093	1320	6743								
9/17/2012	15.1	55.3	3.1	26.5	-35.7	125	4107						15.2	56.8	2.9	25.1	-61.4	120	1980	1264	6087								
9/18/2012	14.5	54.4	3.8	27.3	-35.5	124	4450						14.6	54.6	3.8	27	-61.4	120	1934	1293	6384								
9/19/2012	13.3	52	4.7	30	-35.8	121	4596						13.1	52.6	4.8	29.5	-61.5	116	2003	1318	6599								
9/20/2012	14.8	56.1	3.3	25.8	-35.8	130	4435						14.8	56.9	3.3	25	-59.6	126	1902	1330	6337								
9/21/2012	13.2	53.9	4.3	28	-35.9	124	4634						14.2	55.8	3.8	27.1	-59.8	120	2169	1344	6243								
9/22/2012	14.2	54.7	3.7	27.4	-35.8	124	4003						14.2	55.7	3.7	26.4	-64.1	120	2139	1280	6142								
9/23/2012	14.4	51.9	4	29.7	-33.5	132	3776						14.2	53.4	4	28.4	-63.8	128	2133	1316	5909								
9/24/2012	15.7	54.1	2.5	27.7	-33.6	134	3572						16.1	54.8	2.5	26.6	-62.7	128	2167	1305	5739								
9/25/2012	16	61.3	1.3	21.4	-25.4	128	4786						15.8	61.9	1.3	21	-37	124	1316	1312	6102								
9/26/2012	14.7	57.2	3	25.1	-35.7	120	4751						14.8	57.5	3.1	24.6	-65.8	118	2217	1257	6968								
9/27/2012	15.4	58.1	2.3	24.2	-35.9	126	4453						15.1	58.6	2.4	23.9	-66.2	120	2158	1342	6611								
9/28/2012	13.1	53.6	4.2	29.1	-34.8	121	4305						13.2	54.3	4.2	28.3	-67.8	116	2194	1329	6499								
9/29/2012	14.3	55.2	3.4	27	-31.6	122	2918						14.1	56.3	3.5	26.1	-66.2	118	2314	1290	5232								
9/30/2012	16.2	56.9	2.1	24.8	-32.2	138	4200						15.6	59.8	1.8	22.8	-63.9	133	2306	1437	6506								
10/1/2012	16.9	56.5	2.1	24.5	-31.2	132	3860						16.6	60	1.7	21.7	-63.7	130	2313	1383	6173								
10/2/2012	15.9	60.5	2.1	21.5	-33.7	122	4503						16	61	2	21	-62.8	120	2212	14									



**Daily Flare Monitoring Data - Bridgeton Landfill  
12/1/2012 - 5/31/2013**

<b>Date</b>	<b>Device Flow (scfm)</b>			<b>Total Flow (scfm)</b>
	<b>Enclosed Flare</b>	<b>Callidus Flare</b>	<b>Candlestick Flare</b>	
12/1/2012	2,507	1,863	1,307	<b>5,677</b>
12/2/2012	2,616	1,849	1,323	<b>5,788</b>
12/3/2012	2,588	1,839	1,409	<b>5,836</b>
12/4/2012	2,156	1,980	1,478	<b>5,614</b>
12/5/2012	2,015	2,026	1,425	<b>5,466</b>
12/6/2012	2,829	1,964	1,118	<b>5,911</b>
12/7/2012	2,980	1,900	1,230	<b>6,110</b>
12/8/2012	3,000	1,700	1,220	<b>5,920</b>
12/9/2012	3,300	1,760	1,075	<b>6,135</b>
12/10/2012	2,429	1,670	1,308	<b>5,407</b>
12/11/2012	1,786	1,701	1,289	<b>4,776</b>
12/12/2012	3,546	1,933	1,440	<b>6,919</b>
12/13/2012	1,974	2,089	1,644	<b>5,707</b>
12/14/2012	2,217	1,417	1,620	<b>5,254</b>
12/15/2012	1,846	2,079	1,607	<b>5,532</b>
12/16/2012	1,980	1,882	1,451	<b>5,313</b>
12/17/2012	1,743	2,054	1,612	<b>5,409</b>
12/18/2012	1,871	1,642	1,597	<b>5,110</b>
12/19/2012	1,975	1,860	1,782	<b>5,617</b>
12/20/2012	2,177	1,817	1,602	<b>5,596</b>
12/21/2012	2,021	1,844	1,551	<b>5,416</b>
12/22/2012	2,066	1,850	1,550	<b>5,466</b>
12/23/2012	2,037	1,774	1,969	<b>5,780</b>
12/24/2012	1,822	1,750	2,059	<b>5,631</b>
12/25/2012	1,709	1,805	1,895	<b>5,409</b>
12/26/2012	1,481	1,882	1,956	<b>5,319</b>
12/27/2012	1,946	1,784	1,662	<b>5,392</b>
12/28/2012	1,873	1,891	1,543	<b>5,307</b>
12/29/2012	2,031	1,804	1,664	<b>5,499</b>
12/30/2012	2,114	1,839	1,523	<b>5,476</b>
12/31/2012	2,296	1,909	1,442	<b>5,647</b>

Daily Flare Monitoring Data - Bridgeton Landfill  
12/1/2012 - 5/31/2013

Date	Device Flow (scfm)			Total Flow (scfm)
	Enclosed Flare	Callidus Flare	Candlestick Flare	
1/1/2013	2,011	1,822	1,418	5,251
1/2/2013	1,974	1,977	1,378	5,329
1/3/2013	2,130	1,980	1,468	5,578
1/4/2013	1,878	1,838	1,393	5,109
1/5/2013	1,908	1,860	1,321	5,089
1/6/2013	1,712	1,782	1,358	4,852
1/7/2013	1,734	1,761	1,265	4,760
1/8/2013	1,410	2,009	1,247	4,666
1/9/2013	1,902	2,090	1,203	5,195
1/10/2013	2,367	2,060	1,243	5,670
1/11/2013	1,765	1,646	1,302	4,713
1/12/2013	4,388	0	0	4,388
1/13/2013	1,569	2,672	1,221	5,462
1/14/2013	0	2,904	1,394	4,298
1/15/2013	0	3,245	1,401	4,646
1/16/2013	0	3,122	1,316	4,438
1/17/2013	4,639	3,163	1,514	9,316
1/18/2013	0	2,782	1,413	4,195
1/19/2013	0	4,064	0	4,064
1/20/2013	0	1,888	0	1,888
1/21/2013	752	0	1,411	2,163
1/22/2013	4,660	2,735	1,894	9,289
1/23/2013	730	2,870	730	4,330
1/24/2013	671	2,735	1,271	4,677
1/25/2013	710	2,759	3,900	7,369
1/26/2013	625	2,875	3,901	7,401
1/27/2013	591	2,751	3,901	7,243
1/28/2013	971	2,843	3,900	7,714
1/29/2013	697		1,074	1,771
1/30/2013	697	2,862	806	4,365
1/31/2013	2,100	2,220	820	5,140

Daily Flare Monitoring Data - Bridgeton Landfill  
12/1/2012 - 5/31/2013

Date	Device Flow (scfm)			Total Flow (scfm)
	Enclosed Flare	Callidus Flare	Candlestick Flare	
2/1/2013	1,573	2,399	1,452	5,424
2/2/2013	2,633	1,618	1,483	5,734
2/3/2013	2,880	2,130	868	5,878
2/4/2013	3,450	2,358	814	6,622
2/5/2013	2,960	2,220	820	6,000
2/6/2013	3,204	2,473	981	6,658
2/7/2013	2,856	2,258	1,089	6,203
2/8/2013	2,641	2,124	832	5,597
2/9/2013	2,794	2,366	994	6,154
2/10/2013	2,719	2,210	1,080	6,009
2/11/2013	3,404	2,216	920	6,540
2/12/2013	2,990	2,200	950	6,140
2/13/2013	2,915	2,141	965	6,021
2/14/2013	2,938	1,995	1,035	5,968
2/15/2013	2,824	2,130	941	5,895
2/16/2013	2,589	2,064	1,026	5,679
2/17/2013	2,760	2,048	1,090	5,898
2/18/2013	2,767	2,490	1,060	6,317
2/19/2013	2,450	2,233	950	5,633
2/20/2013	2,324	2,094	951	5,369
2/21/2013	2,435	2,092	1,021	5,548
2/22/2013	2,555	2,108	1,150	5,813
2/23/2013	2,461	2,024	1,011	5,496
2/24/2013	2,694	2,119	1,015	5,828
2/25/2013	2,650	1,987	1,080	5,717
2/26/2013	2,398	2,293	935	5,626
2/27/2013	1,811	1,804	818	4,433
2/28/2013	2,112	1,975	908	4,995

**Daily Flare Monitoring Data - Bridgeton Landfill**  
**12/1/2012 - 5/31/2013**

<b>Date</b>	<b>Device Flow (scfm)</b>			<b>Total Flow (scfm)</b>
	<b>Enclosed Flare</b>	<b>Callidus Flare</b>	<b>Candlestick Flare</b>	
3/1/2013	2,192	1,926	848	<b>4,966</b>
3/2/2013	2,293	2,202	906	<b>5,401</b>
3/3/2013	2,533	2,357	874	<b>5,764</b>
3/4/2013	2,659	2,365	913	<b>5,937</b>
3/5/2013	2,709	2,313	976	<b>5,998</b>
3/6/2013	2,414	2,283	1,012	<b>5,709</b>
3/7/2013	2,542	2,340	879	<b>5,761</b>
3/8/2013	2,526	2,380	957	<b>5,863</b>
3/9/2013	2,711	2,389	915	<b>6,015</b>
3/10/2013	2,726	2,266	1,073	<b>6,065</b>
3/11/2013	3,134	2,027	1,178	<b>6,339</b>
3/12/2013	2,933	2,373	1,202	<b>6,508</b>
3/13/2013	2,873	2,207	1,332	<b>6,412</b>
3/14/2013	3,615	1,549	768	<b>5,932</b>
3/15/2013	3,321	2,237	1,284	<b>6,842</b>
3/16/2013	2,762	1,948	1,381	<b>6,091</b>
3/17/2013	2,690	1,836	1,842	<b>6,368</b>
3/18/2013	2,316	2,171	2,009	<b>6,496</b>
3/19/2013	2,252	2,307	1,578	<b>6,137</b>
3/20/2013	2,883	2,251	1,167	<b>6,301</b>
3/21/2013	2,080	2,106	1,383	<b>5,569</b>
3/22/2013	2,216	2,664	1,339	<b>6,219</b>
3/23/2013	3,474	2,345	1,247	<b>7,066</b>
3/24/2013	2,869	2,248	1,099	<b>6,216</b>
3/25/2013	2,946	2,165	1,177	<b>6,288</b>
3/26/2013	3,255	2,243	1,112	<b>6,610</b>
3/27/2013	3,188	2,249	1,167	<b>6,604</b>
3/28/2013	3,237	2,314	1,322	<b>6,873</b>
3/29/2013	3,055	2,293	1,898	<b>7,246</b>
3/30/2013	2,975	2,349	1,238	<b>6,562</b>
3/31/2013	2,826	2,041	1,970	<b>6,837</b>

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12/1/2012 - 5/31/2013**

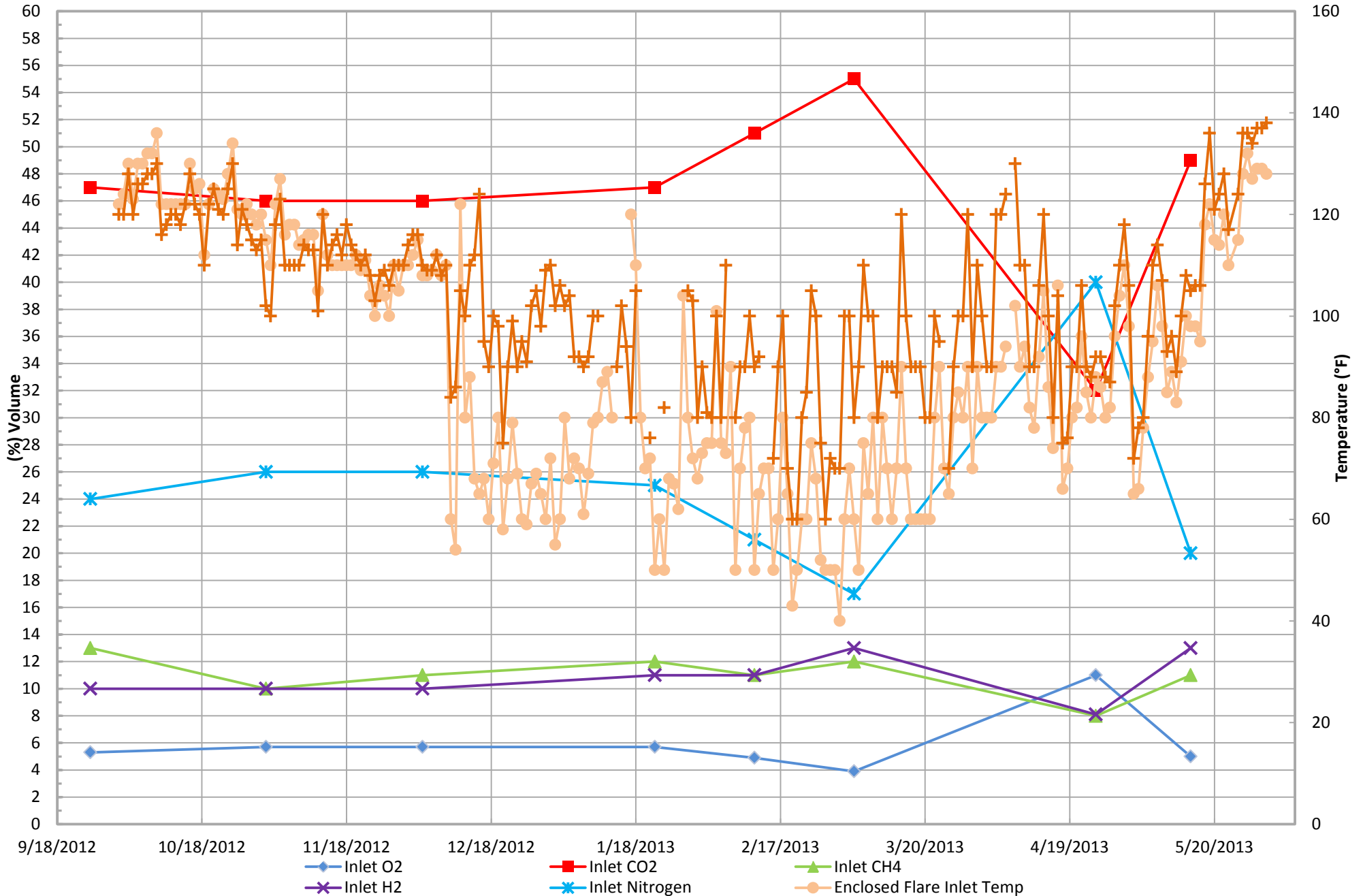
<b>Date</b>	<b>Device Flow (scfm)</b>			<b>Total Flow (scfm)</b>
	<b>Enclosed Flare</b>	<b>Callidus Flare</b>	<b>Candlestick Flare</b>	
4/1/2013	2,755	2,284	1,994	<b>7,033</b>
4/2/2013	2,982	2,109	1,655	<b>6,746</b>
4/3/2013	3,138	2,246	1,728	<b>7,112</b>
4/4/2013	3,320	2,173	2,008	<b>7,501</b>
4/5/2013	3,001	2,034	2,196	<b>7,231</b>
4/6/2013	2,976	1,776	1,889	<b>6,641</b>
4/7/2013				
4/8/2013	3,122	2,154	1,877	<b>7,153</b>
4/9/2013	2,849	2,001	2,156	<b>7,006</b>
4/10/2013	3,001	1,614	1,279	<b>5,894</b>
4/11/2013	2,719	1,561	1,335	<b>5,615</b>
4/12/2013	2,645	1,417	1,441	<b>5,503</b>
4/13/2013	3,344	1,504	1,259	<b>6,107</b>
4/14/2013	2,369	1,617	2,558	<b>6,544</b>
4/15/2013	2,225	1,654	2,135	<b>6,014</b>
4/16/2013	1,874	1,472	2,005	<b>5,351</b>
4/17/2013	1,889	1,454	2,413	<b>5,756</b>
4/18/2013	2,536	1,610	1,808	<b>5,954</b>
4/19/2013	2,741	1,558	2,032	<b>6,331</b>
4/20/2013	2,963	1,613	1,753	<b>6,329</b>
4/21/2013	3,109	1,614	1,773	<b>6,496</b>
4/22/2013	3,630	1,564	2,011	<b>7,205</b>
4/23/2013	3,202	1,600	1,660	<b>6,462</b>
4/24/2013	3,049	1,610	1,675	<b>6,334</b>
4/25/2013	3,014	1,585	1,687	<b>6,286</b>
4/26/2013	2,832	1,590	1,620	<b>6,042</b>
4/27/2013	3,526	1,590	1,029	<b>6,145</b>
4/28/2013	3,628	1,615	1,345	<b>6,588</b>
4/29/2013	3,506	1,562	1,982	<b>7,050</b>
4/30/2013	3,550	1,604	2,124	<b>7,278</b>

**Daily Flare Monitoring Data - Bridgeton Landfill**  
**12/1/2012 - 5/31/2013**

<b>Date</b>	<b>Device Flow (scfm)</b>			<b>Total Flow (scfm)</b>
	<b>Enclosed Flare</b>	<b>Callidus Flare</b>	<b>Candlestick Flare</b>	
5/1/2013	1,693	1,516	2,168	<b>7,298</b>
5/2/2013	1,562	1,583	1,752	<b>7,014</b>
5/3/2013	1,697	1,620	1,779	<b>6,844</b>
5/4/2013	1,540	1,606	1,810	<b>6,996</b>
5/5/2013	1,740	1,548	1,707	<b>6,826</b>
5/6/2013	1,755	1,603	1,730	<b>7,059</b>
5/7/2013	1,720	1,687	2,235	<b>7,487</b>
5/8/2013	1,656	1,620	2,176	<b>7,476</b>
5/9/2013	1,611	1,374	2,110	<b>7,380</b>
5/10/2013	1,648	1,582	1,527	<b>7,004</b>
5/11/2013	1,663	1,546	1,642	<b>6,996</b>
5/12/2013	1,621	1,607	1,900	<b>7,349</b>
5/13/2013	1,643	1,564	1,810	<b>7,227</b>
5/14/2013	1,626	1,611	2,121	<b>7,627</b>
5/15/2013	1,640	1,598	1,920	<b>7,219</b>
5/16/2013	1,654	1,404	2,242	<b>7,520</b>
5/17/2013	1,648	1,582	2,121	<b>7,258</b>
5/18/2013	1,639	1,560	2,141	<b>7,392</b>
5/19/2013	1,666	1,595	2,375	<b>7,614</b>
5/20/2013	1,667	1,605	1,881	<b>6,947</b>
5/21/2013	1,649	1,596	2,112	<b>7,194</b>
5/22/2013	1,629	1,574	2,337	<b>7,414</b>
5/23/2013	1,662	1,577	2,214	<b>7,094</b>
5/24/2013	1,658	1,477	1,873	<b>6,981</b>
5/25/2013	1,673	1,539	2,007	<b>7,170</b>
5/26/2013	1,669	1,519	2,488	<b>7,729</b>
5/27/2013	1,676	1,510	2,601	<b>7,814</b>
5/28/2013	1,651	1,612	2,034	<b>7,277</b>
5/29/2013	1,614	1,610	2,321	<b>7,456</b>
5/30/2013	1,670	1,601	2,828	<b>7,731</b>
5/31/2013	1,591	1,596	2,741	<b>7,338</b>

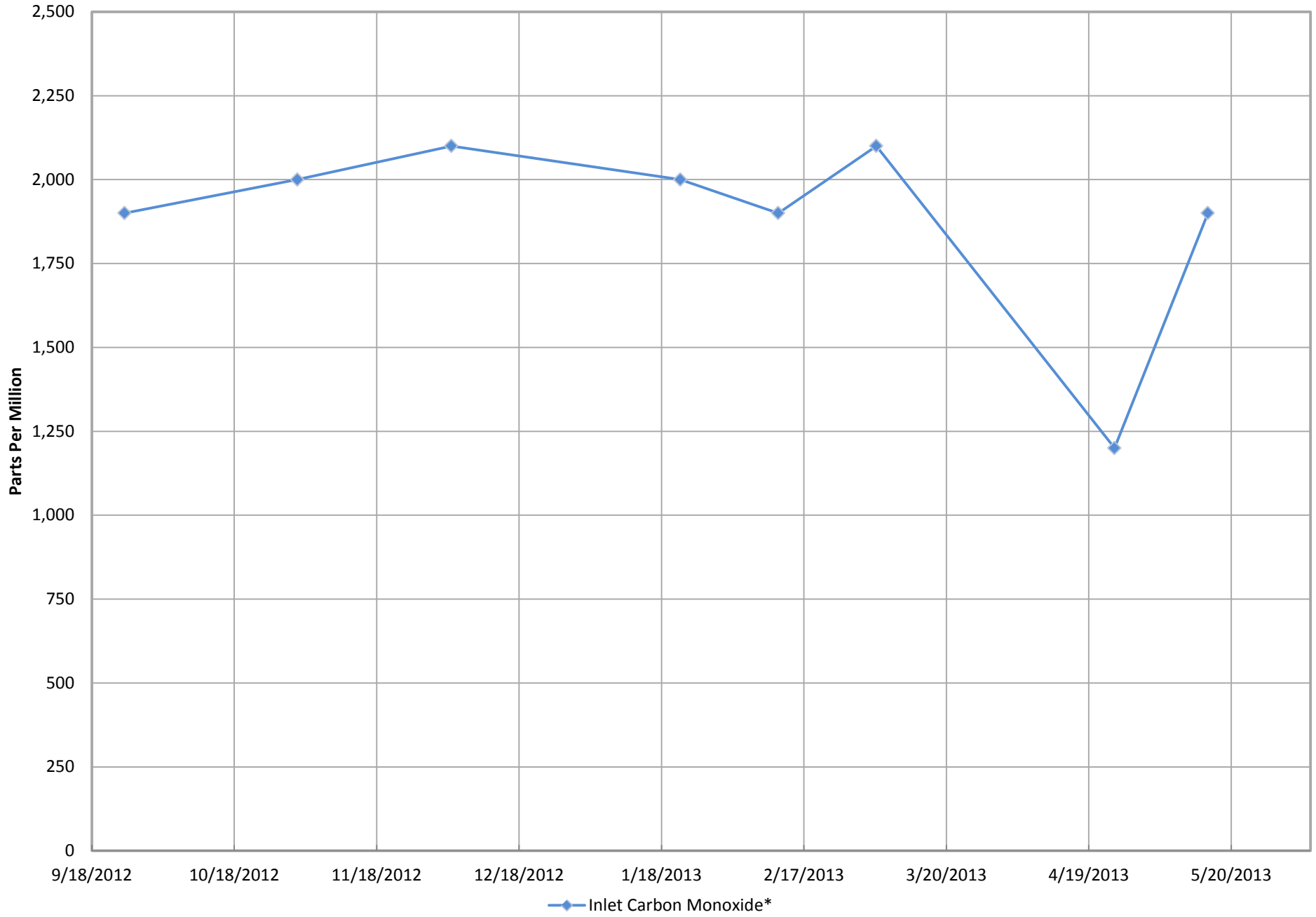


# Inlet Gas and Temperature\*



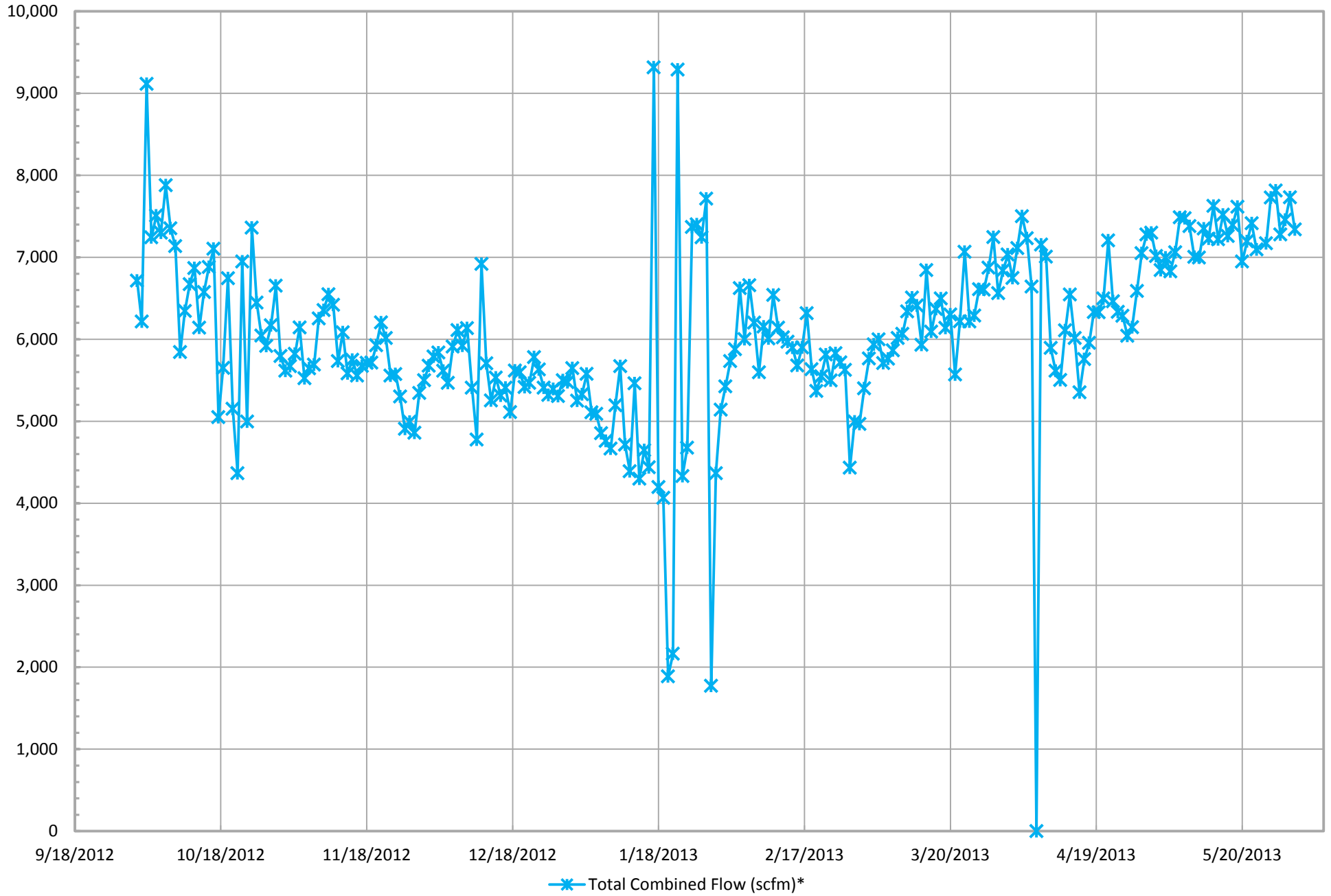
\*Gas data collected from Laboratory Reports. Temperature data

# Inlet Carbon Monoxide\*



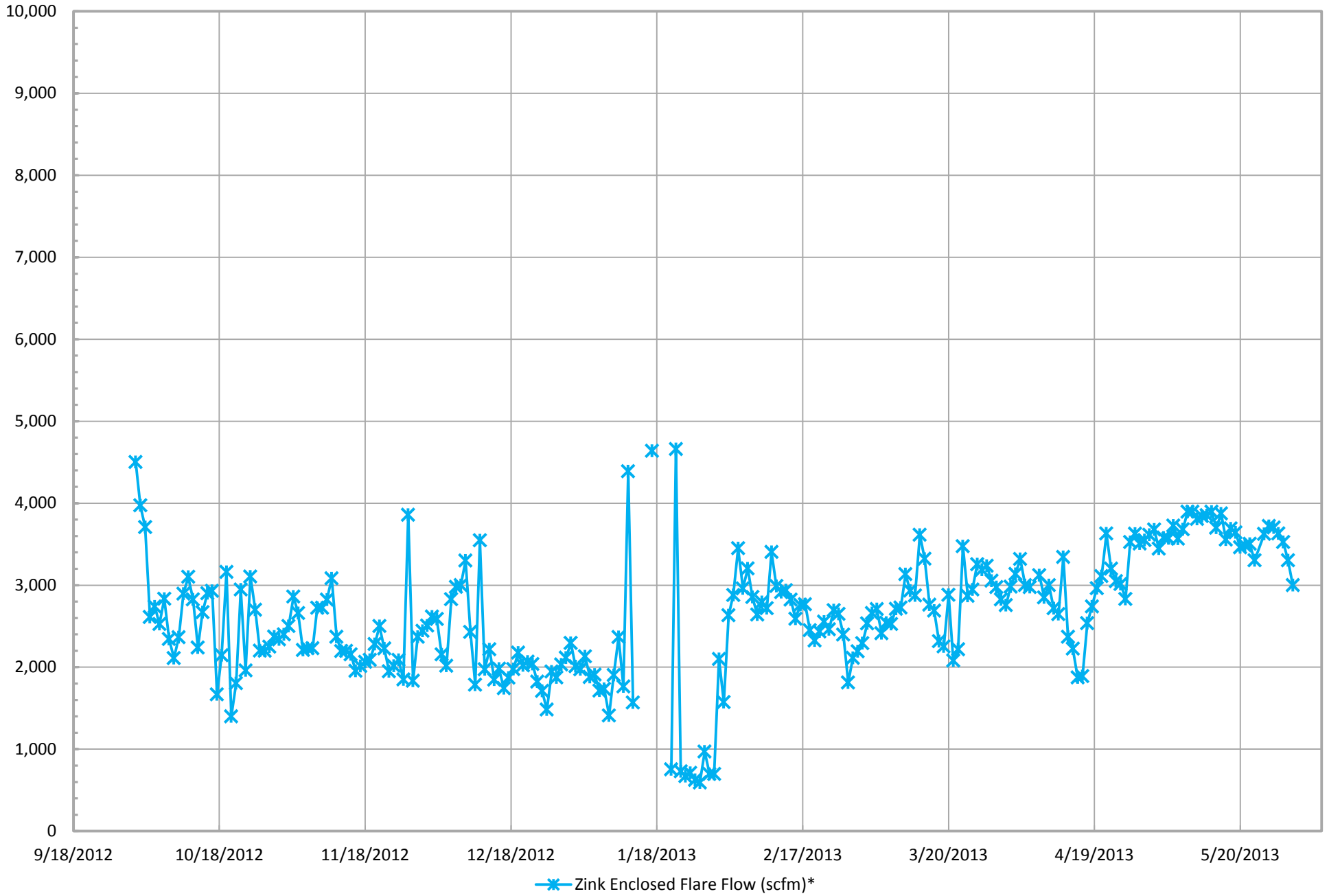
\*Data collected from

# Total Combined Flow (scfm)\*



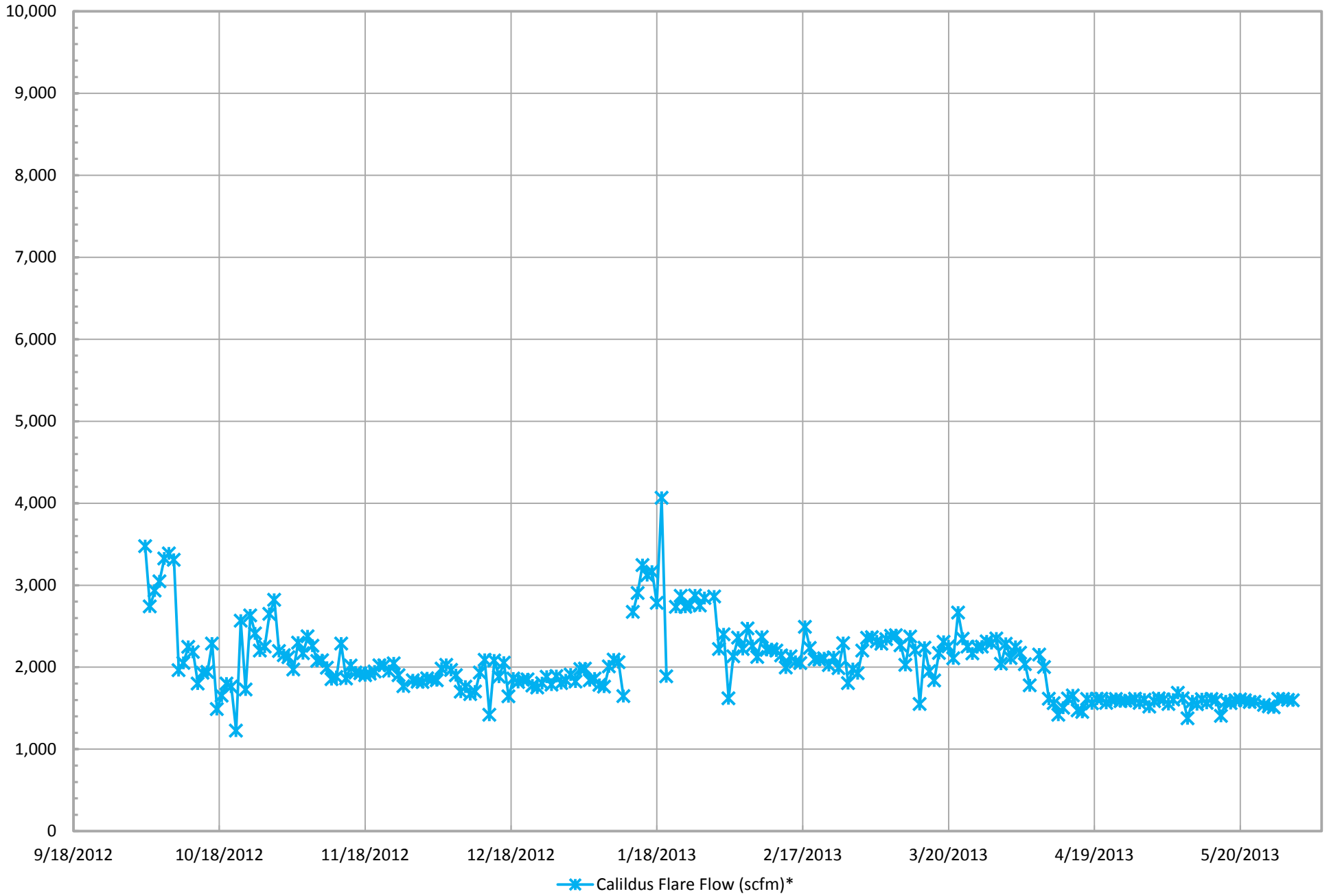
\*Combined flow is based on tabulated flow data

# Zink Enclosed Flare Flow (scfm)\*



\*Flow is based on tabulated flow data collected

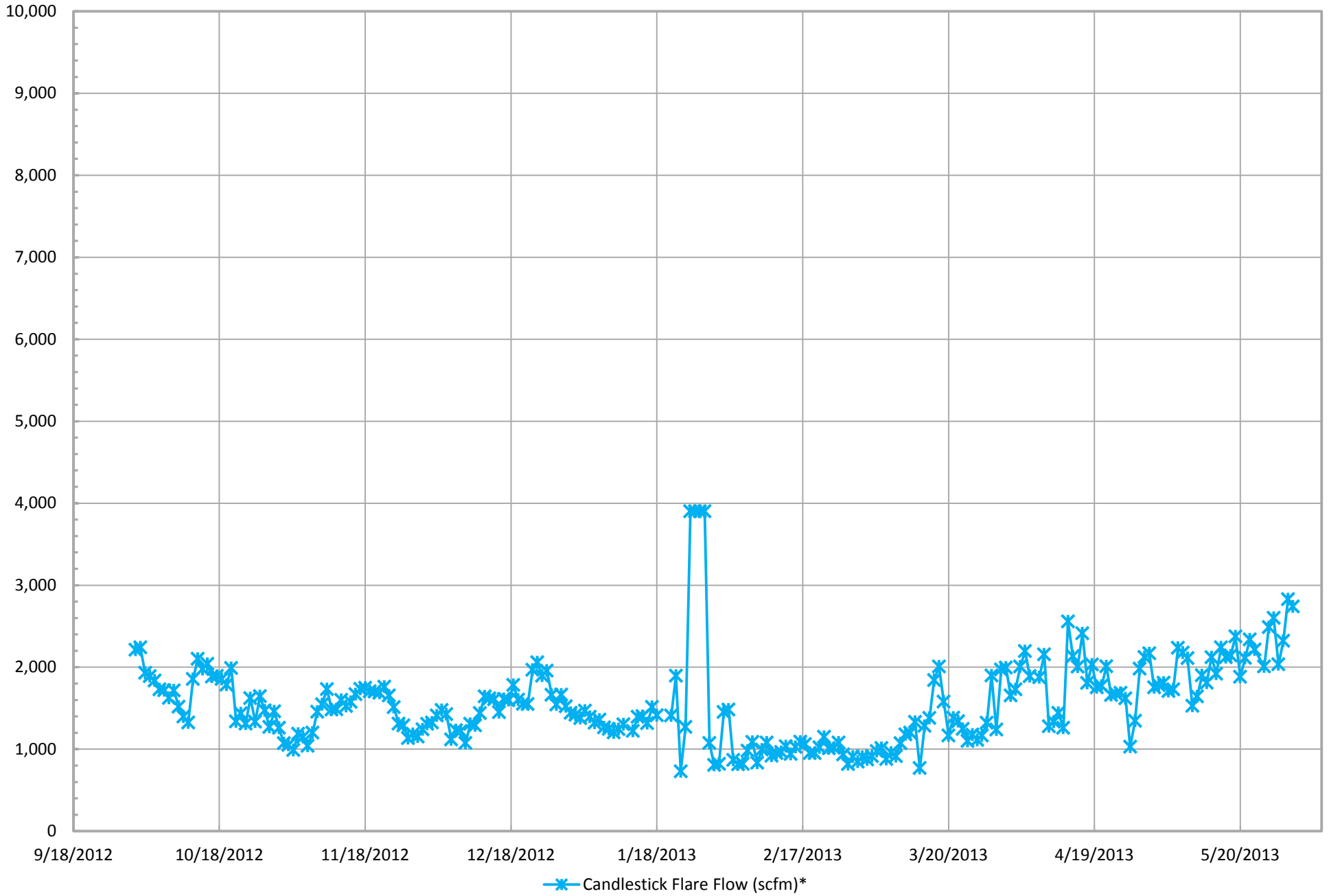
# Callidus Flare Flow (scfm)\*



—x— Callidus Flare Flow (scfm)\*

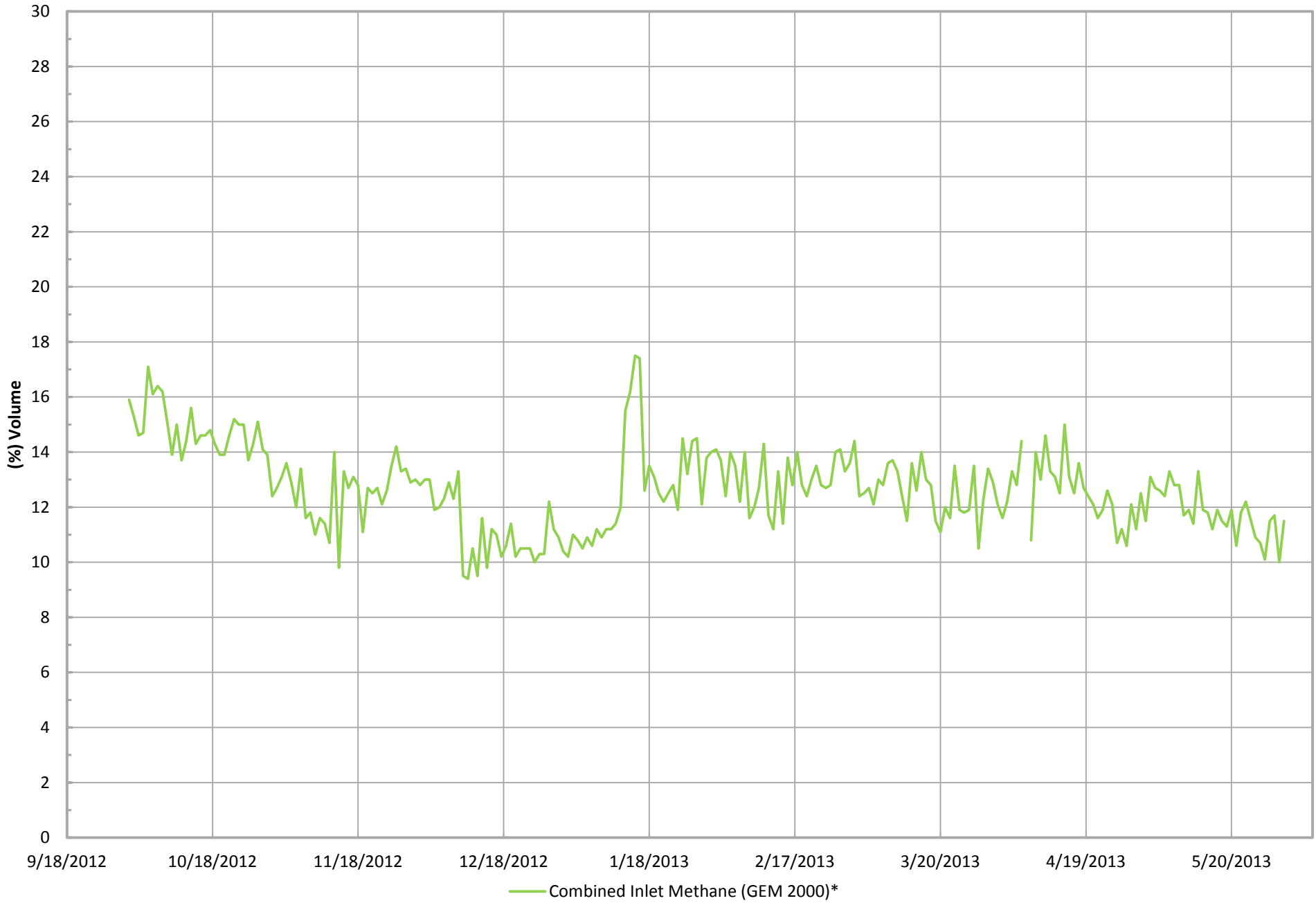
\*Flow is based on tabulated flow data collected

# Candlestick Flare Flow (scfm)\*



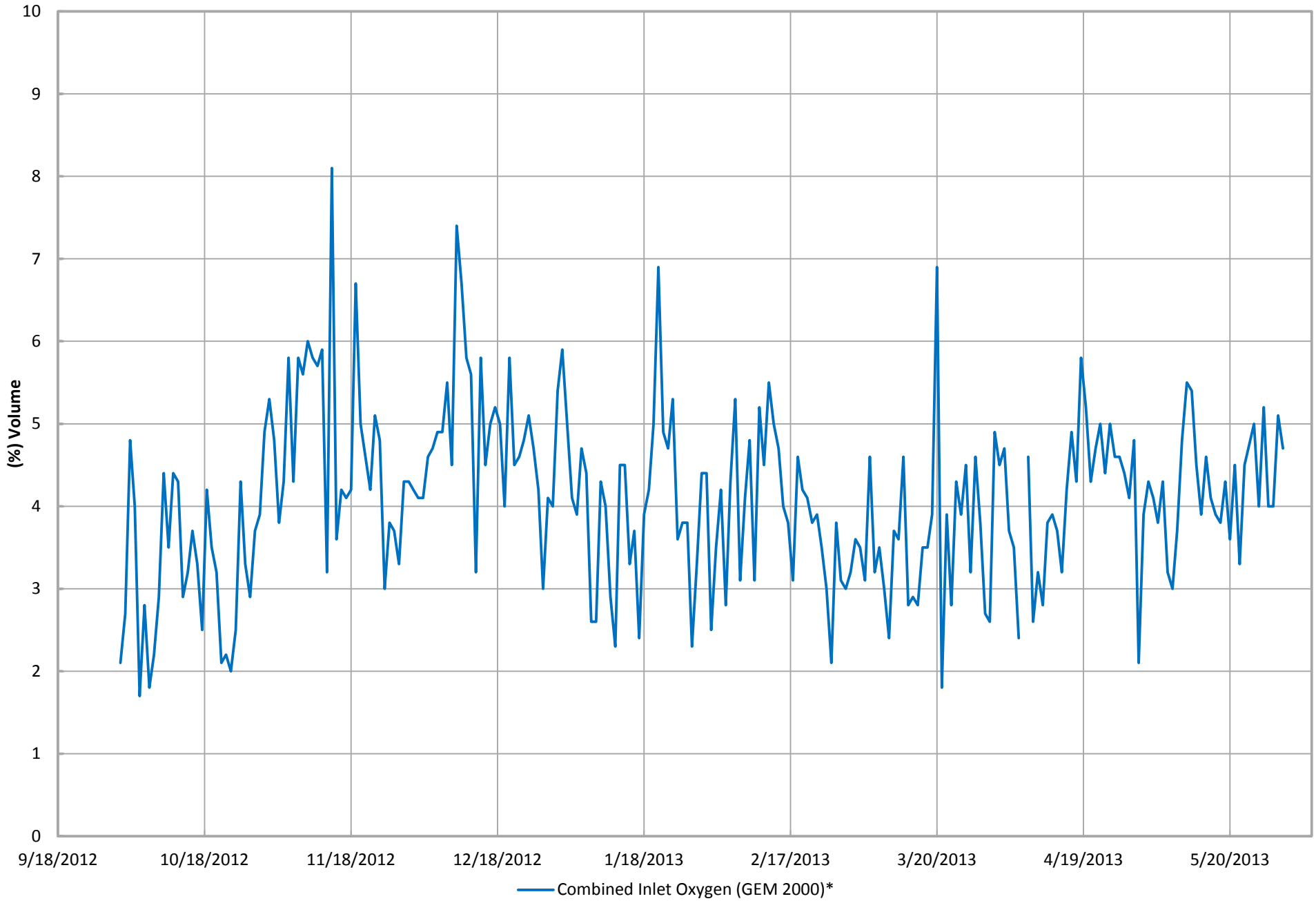
\*Flow is based on tabulated flow data collected

# Combined Inlet Methane (GEM 2000)\*



\*Gas data collected form GEM 2000

# Combined Inlet Oxygen (GEM 2000)\*



\*Gas data collected form GEM 2000